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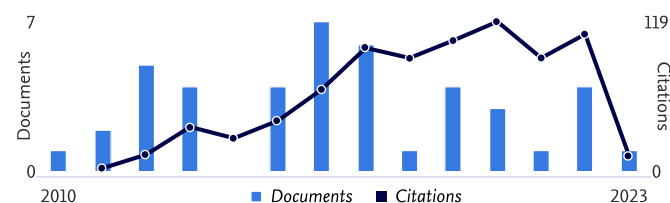


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Review

O-Benzoylhydroxylamines: A Versatile Electrophilic Aminating Reagent for Transition Metal-Catalyzed C–N Bond-Forming Reactions

Mohite, S.B., Bera, M., Kumar, V., ...Baba, S.B., Kumbhar, A.S.

*Topics in Current Chemistry*, 2023, 381(1), 4

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Review

Polydentate P, N-based ligands for palladium-catalyzed cross-coupling reactions

Rajmane, A., Kumbhar, A.

*Molecular Catalysis*, 2022, 532, 112699

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Review

An aqueous hydrotropic solution as environmentally benign reaction medium for organic transformations: a short review

Kamat, S., Indi, Y., Kumbhar, A., Kamble, S.

*Research on Chemical Intermediates*, 2022, 48(8), pp. 3223–3245

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Correction to: Brönsted acid hydrotrope combined catalysis in water: a green approach for the synthesis of indoloquinoxalines and bis-tetronic acids (Research on Chemical Intermediates, (2021), 47, 6, (2263–2278), 10.1007/s11164-021-04430-w)

Kumbhar, A., Kanase, D., Mohite, S., Salunkhe, R., Lohar, T.

*Research on Chemical Intermediates*, 2022, 48(3), pp. 1307

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Review

N, O-polydentate ligands for palladium-catalyzed cross-coupling reactions (Part III)

Rajmane, A., Jadhav, S., Kumbhar, A.

*Journal of Organometallic Chemistry*, 2022, 957, 122147

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Article

Brönsted acid hydrotrope combined catalysis in water: a green approach for the synthesis of indoloquinoxalines and bis-tetronic acids

Kumbhar, A., Kanase, D., Mohite, S., Salunkhe, R., Lohar, T.

*Research on Chemical Intermediates*, 2021, 47(6), pp. 2263–2278

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Article

Bio-surfactant: a green and environmentally benign reaction medium for ligand-free Pd-catalyzed Mizoroki–Heck cross-coupling reaction in water

Patil, S.P., Jadhav, S.N., Rode, C.V., Shejwal, R.V., Kumbhar, A.S.

*Transition Metal Chemistry*, 2020, 45(6), pp. 403–411

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Article

Sulfonic acid@pericarp-pomegranate: A natural supported catalyst for synthesis of bis(indolyl)alkanes

Patil, M., Karhale, S., Bhenki, C., Kumbhar, A., Helavi, V.

*Reaction Kinetics, Mechanisms and Catalysis*, 2020, 130(2), pp. 993–1007

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Facile access to 2-substituted benzoxazoles using sawdust supported n-heterocyclic carbene-ni complex via c-H activation

Kale, D., Rashinkar, G., Patil, A., Kumbhar, A., Salunkhe, R.

*Letters in Organic Chemistry*, 2020, 17(6), pp. 479–489

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Article

Mizoroki–Heck cross-coupling reactions using palladium immobilized on DABCO-functionalized silica

Jadhav, S., Patil, S., Kumbhar, A., Kamble, S., Salunkhe, R.

*Transition Metal Chemistry*, 2019, 44(6), pp. 507–514

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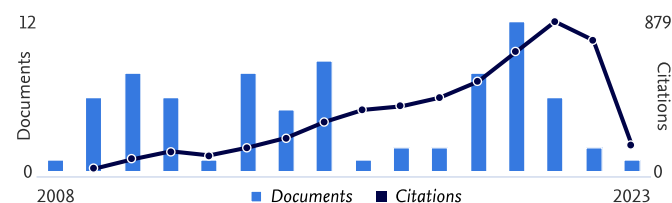


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Facile approach to fabricate a high-performance superhydrophobic PS/OTS modified SS mesh for oil-water separation

Sutar, R.S., Latthe, S.S., Gharge, N.B., ...Bhosale, A.K., Liu, S.

*Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 2023, 657, 130561

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Book Chapter

Superhydrophobic coatings of silica NPs on cover glass of solar cells for selfcleaning applications

Sutar, R.S., Deshmukh, S.G., More, A.M., Bhosale, A.K., Latthe, S.S.

*Artificial Intelligence, Internet of Things (IoT) and Smart Materials for Energy Applications*, 2022, pp. 223–234

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(Fe, Ni)S<sub>2</sub>@MoS<sub>2</sub>/NiS<sub>2</sub> hollow heterostructure nanocubes for high-performance alkaline water electrolysis

Tong, L., Liu, Y., Song, C., ...Liu, S., Xing, R.

*International Journal of Hydrogen Energy*, 2022, 47(21), pp. 11143–11152

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| <p>Editorial</p> <p>Preface</p> <p>Latthe, S.S.</p> <p><b>Macromolecular Symposia</b>, 2021, 400(1), 2170028</p>                                                                                                                                                                                                                                                                                                            | <p>0</p> <p>Citations</p>  |
| <p>Article</p> <p>Octadecyltrichlorosilane-Modified Superhydrophobic-Superoleophilic Stainless Steel Mesh for Oil-Water Separation</p> <p>Sutar, R.S., Kulkarni, N.P., Nagappan, S., ...Bhosale, A.K., Latthe, S.S.</p> <p><b>Macromolecular Symposia</b>, 2021, 400(1), 2100096</p> <p>Show abstract </p> <p>Related documents</p>        | <p>2</p> <p>Citations</p>  |
| <p>Article</p> <p>Photocatalytic and Superhydrophilic TiO<sub>2</sub>-SiO<sub>2</sub> Coatings on Marble for Self-Cleaning Applications</p> <p>Sutar, R.S., Patil, P.B., Bhosale, A.K., ...Park, K.H., Latthe, S.S.</p> <p><b>Macromolecular Symposia</b>, 2021, 400(1), 2100083</p> <p>Show abstract </p> <p>Related documents</p>        | <p>0</p> <p>Citations</p>  |
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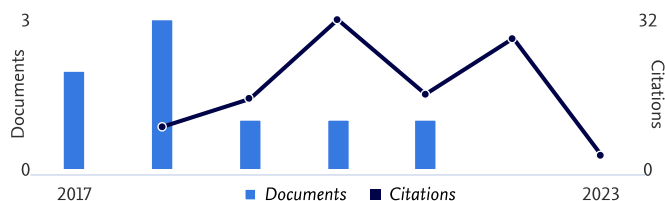
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Synthesis and characterization of organosoluble thermally stable polyamides containing spacer methylene linkage and bulky tetraphenylfuran moiety

Patil, Y., Mahindrakar, J., Ankushrao, S., ...Ubale, V., Ghanwat, A.

*International Journal of Polymer Analysis and Characterization*, 2021, 26(8), pp. 707–720

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Article

Synthesis, characterization, wettability study and thermal behaviour of aromatic polyimides containing tetraphenylthiophene-quinoxaline unit.

Salunkhe, P.H., Patil, Y.S., Kadam, V.N., ...Ubale, V.P., Ghanwat, A.A.

*Polymer-Plastics Technology and Materials*, 2020, 59(1), pp. 95–105

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## Synthesis and characterization of aromatic polyimides containing tetraphenylfuran-thiazole moiety

Patil, Y.S., Salunkhe, P.H., Mahindrakar, J.N., ...Ubale, V.P., Ghanwat, A.A.

*Journal of Thermal Analysis and Calorimetry*, 2019, 135(6), pp. 3057–3068

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### Article

## Optically transparent, organosoluble poly(ether-amide)s bearing triptycene unit; synthesis and characterization

Mahindrakar, J.N., Patil, Y.S., Salunkhe, P.H., ...Ubale, V.P., Ghanwat, A.A.

*Journal of Macromolecular Science, Part A: Pure and Applied Chemistry*, 2018, 55(9), pp. 658–667

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### Article

## High Performance Poly(ether-amide)s Derived from 1,1-Bis[4-(4-carboxy methylene phenoxy)-3-methyl phenyl] Cyclopentane and Aromatic Diamines

Ankushrao, S.S., Gugwad, V.M., Ubale, V.P., Maldar, N.N., Ghanwat, A.A.

*Polymer Science - Series B*, 2018, 60(3), pp. 263–272

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## Processable heat resistant polyamides containing tetraphenyl thiophene having pendant phenyl moiety with heterocyclic quinoxaline unit: Synthesis and characterization

Salunkhe, P.H., Ankushrao, S.S., Patil, Y.S., ...Ubale, V.P., Ghanwat, A.A.

*Journal of Macromolecular Science, Part A: Pure and Applied Chemistry*, 2018, 55(4), pp. 377–383

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## Synthesis and characterization of thermally stable poly(ether-azomethine)s derived from 1,1-bis[4-(4-benzaldehyde oxy)-3-methyl phenyl] cyclopentane

Ankushrao, S.S., Patil, Y.S., Ubale, V.P., Maldar, N.N., Ghanwat, A.A.

*Journal of Macromolecular Science, Part A: Pure and Applied Chemistry*, 2017, 54(6), pp. 411–417

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## Synthesis and characterization of processable heat resistant co-poly(ester-amide)s containing cyclopentylidene moiety

Ankushrao, S.S., Kadam, V.N., Patil, Y.S., ...Maldar, N.N., Ghanwat, A.A.

*Journal of Macromolecular Science, Part A: Pure and Applied Chemistry*, 2017, 54(2), pp. 124–132

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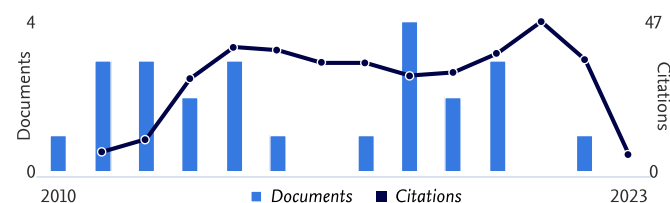


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Cooperative catalysis: Condensation-aromatization for synthesis of 2-(4-nitrophenyl)-1H-benzimidazole by silica immobilized Brønsted-Lewis acidic ionic liquid (Si-BLAIL)

Kalel, R.A., Gaikwad, D.S.

*Journal of the Indian Chemical Society*, 2022, 99(7), 100550

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Article

Synthesis and Biological Activities of Novel Aryldiazo Substituted Heterocycles

Korade, S.N., Patil, J.D., Gaikwad, D.S., ...Mhaldar, P.M., Pore, D.M.

*Organic Preparations and Procedures International*, 2020, 52(2), pp. 147–165

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Article

Cu-ACP-Am-Fe<sub>3</sub>O<sub>4</sub>@SiO<sub>2</sub>: an efficient and recyclable heterogeneous catalyst for the Chan–Lam coupling reaction of boronic acids and amines

Vibhute, S.P., Mhaldar, P.M., Gaikwad, D.S., Shejwal, R.V., Pore, D.M.

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### Dual basic ionic liquid as a catalyst for synthesis of (2-amino-3-cyano-4H-chromen-4-yl) phosphonic acid diethyl ester and its molecular docking study

Gaikwad, D.S., Undale, K.A., Patravale, A.A., Choudhari, P.B.

*Research on Chemical Intermediates*, 2020, 46(1), pp. 621–637

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### Acacia concinna pods: a natural and new bioreductant for palladium nanoparticles and its application to Suzuki–Miyaura coupling

Gaikwad, D.S., Undale, K.A., Kalel, R.A., Patil, D.B.

*Journal of the Iranian Chemical Society*, 2019, 16(10), pp. 2135–2141

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Article

### Multi-functionalized ionic liquid with in situ-generated palladium nanoparticles for Suzuki, Heck coupling reaction: a comparison with deep eutectic solvents

Gaikwad, D.S., Undale, K.A., Patil, D.B., Pore, D.M.

*Journal of the Iranian Chemical Society*, 2019, 16(2), pp. 253–261

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Article

### A new dual basic ionic liquid promoted synthesis of spiro[naphthalene-2,5'-pyrimidine]-4-carbonitrile

Gaikwad, D.S., Gawade, V.B., Kamble, A.B., ...Patil, D.B., Pore, D.M.

*Research on Chemical Intermediates*, 2018, 44(12), pp. 7437–7447

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Article

### Synthesis of magnetically separable catalyst Cu-ACP-Am-Fe<sub>3</sub>O<sub>4</sub>@SiO<sub>2</sub> for Huisgen 1,3-dipolar cycloaddition

Vibhute, S.P., Mhalidar, P.M., Korade, S.N., ...Shejawal, R.V., Pore, D.M.

*Tetrahedron Letters*, 2018, 59(41), pp. 3643–3652

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Article

### A task-specific biodegradable ionic liquid: a novel catalyst for synthesis of bicyclic ortho-aminocarbonitriles

Gaikwad, D.S., Undale, K.A., Patil, D.B., Patravale, A.A., Kamble, A.A.

*Journal of the Iranian Chemical Society*, 2018, 15(5), pp. 1175–1180

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### Triton X-100 stabilized Pd nanoparticles and their catalytic application in one-pot sequential Heck and Hiyama coupling in water

Gaikwad, D.S., Undale, K.A., Patil, D.B., Pore, D.M., Kamble, A.A.

*Research on Chemical Intermediates*, 2018, 44(1), pp. 265–275

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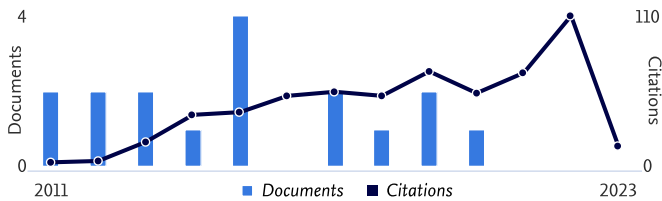
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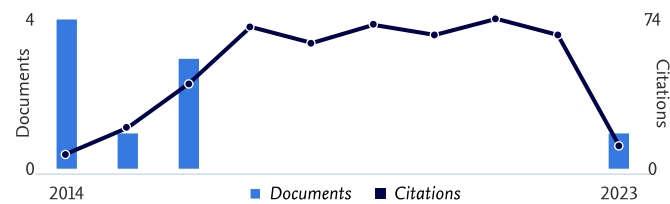


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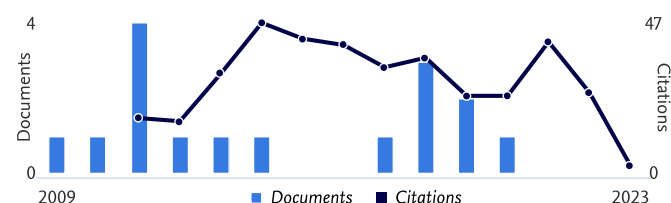


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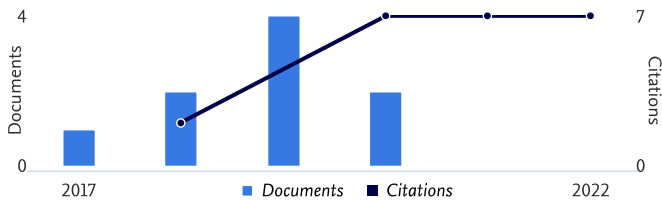
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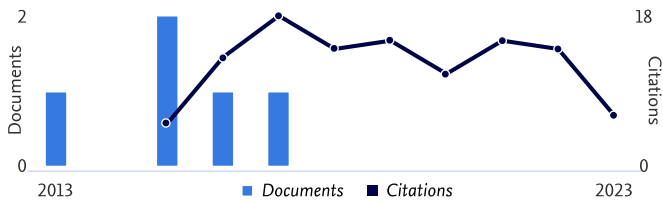
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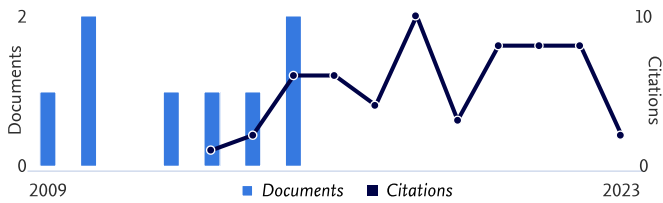
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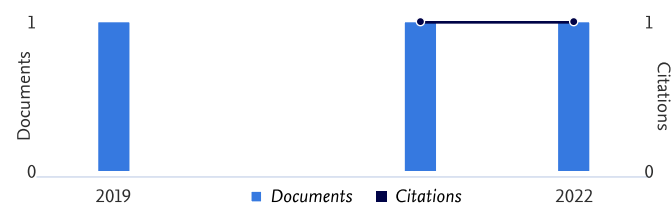
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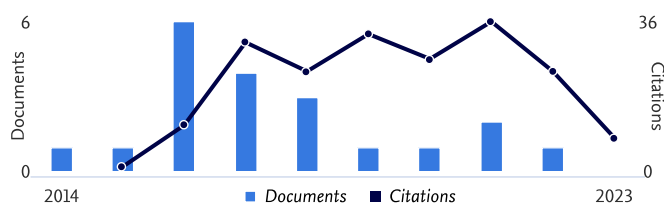
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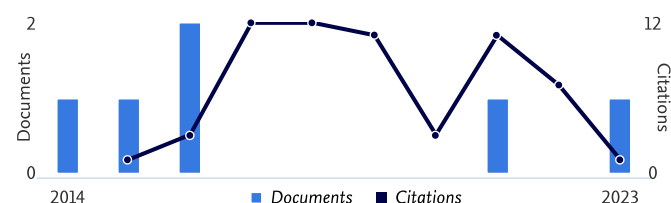


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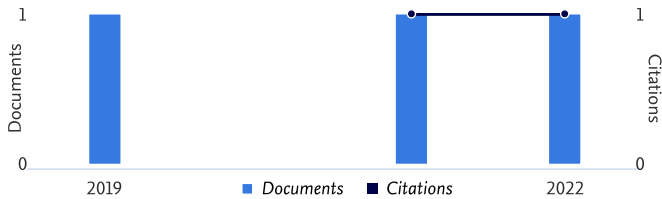
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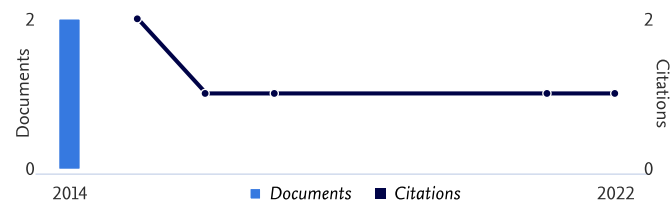
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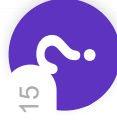
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**43** Total documents  
**43** Web of Science Core Collection publications  
**0** Preprints

Web of Science Core Collection metrics





19

H-Index

43

Total Publications

789

Sum of Times Cited

604

Citing Articles

[View citation report](#)[Documents](#)

Author Impact Beamplot

## 43 Publications from the Web of Science Core Collection

☐ Include publications not indexed in Core Collection (0) 

All Publications ▾

Date: newest first ▾

1 of 1



O-Benzoylhydroxylamines: A Versatile  
Electrophilic Aminating Reagent for  
Transition Metal-Catalyzed C-N Bond-  
Forming Reactions

[Mohite, Sachin Balaso](#); [Bera, Milan](#); (...);  
[Kumbhar, Arjun S.](#)

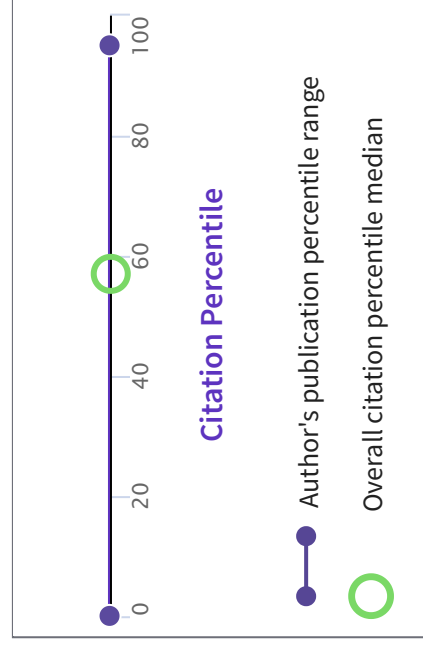
Published 2023 |

0

Times  
Cited

TOPICS IN CURRENT CHEMISTRY

### Author Impact Beamplot Summary



Percentile range displays for authors from 1980 to 2021 . View all publications in full beamplot.

[View full beamplot](#)

Author Position

15

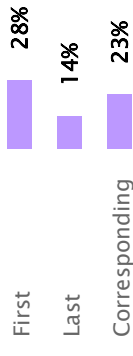
Polydentate P, N-based ligands for palladium-catalyzed cross-coupling reactions

[Rajmane, Archana](#) and [Kumbhar, Arjun](#)

Published 2022 | **MOLECULAR CATALYSIS**

0

Times  
Cited



An aqueous hydrotropic solution as environmentally benign reaction medium for organic transformations: a short review

[Kamat, Siddharth](#); [Indi, Yashovardhan](#); (...); [Kamble, Santosh](#)

Published 2022 |

**RESEARCH ON CHEMICAL INTERMEDIATES**

0

Times  
Cited

N, O-polydentate ligands for palladium-catalyzed cross-coupling reactions (Part III)

[Rajmane, Archana](#); [Jadhav, Sanjay](#); [Kumbhar, Arjun](#)

Published 2022 |

**JOURNAL OF ORGANOMETALLIC**

**CHEMISTRY**

2

Times  
Cited

0

Times  
Cited

Bronsted acid hydrotrope combined catalysis in water: a green approach for the synthesis of indoloquinolines and bis-tetronic acids (Mar, 10.1007/s11164-021-04430-w, 2021)

[Kumbhar, Arjun](#); [Kanase, Dhanaji](#); (...);

[Lohar, Trushant](#)

Published 2022 |

**RESEARCH ON CHEMICAL INTERMEDIATES**

5

Times  
Cited

Bronsted acid hydrotrope combined catalysis in water: a green approach for the synthesis of indoloquinolines and bis-tetronic acids

[Kumbhar, Arjun](#); [Kanase, Dhanaji](#); (...);

[Lohar, Trushant](#)

Published 2021 |

**RESEARCH ON CHEMICAL INTERMEDIATES**

1

Sulfonic acid@pericarp-pomegranate: A natural supported catalyst for synthesis

|                                                                                                                                                                                                                                                                                                                                             |                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| <p>of bis(indolyl)alkanes<br/> <a href="#">Patil, Monika</a>; <a href="#">Karhale, Shrikrishna</a>; (...);<br/> <a href="#">Helavi, Vasant</a><br/> Published 2020  </p> <p><b>REACTION KINETICS MECHANISMS AND CATALYSIS</b></p>                                                                                                           | <p>Times<br/>Cited</p>       |
| <p>Bio-surfactant: a green and environmentally benign reaction medium for ligand-free Pd-catalyzed Mizoroki-Heck cross-coupling reaction in water<br/> <a href="#">Patil, Seema P.</a>; <a href="#">Jadhav, Sanjay N.</a>; (...);<br/> <a href="#">Kumbhar, Arjun S.</a><br/> Published 2020  </p> <p><b>TRANSITION METAL CHEMISTRY</b></p> | <p>3<br/>Times<br/>Cited</p> |
| <p>Facile Access to 2-Substituted Benzoxazoles Using Sawdust Supported N-Heterocyclic Carbene-Ni Complex via C-H Activation<br/> <a href="#">Kale, Dolly</a>; <a href="#">Rashinkar, Gajanan</a>; (...);<br/> <a href="#">Salunkhe, Rajashri</a></p>                                                                                        | <p>0<br/>Times<br/>Cited</p> |

Mizoroki-Heck cross-coupling reactions using palladium immobilized on DABCO-functionalized silica  
[Jadhav, Sanjay](#); [Patil, Seema](#); (...);  
[Salunkhe, Rajashri](#)

Published 2019 |

TRANSITION METAL CHEMISTRY

4

Times  
Cited

Green protocol for the synthesis of 1,8-dioxo-decahydroacridines by Hantzsch condensation using citric acid as organocatalyst

[Patil, Monika](#); [Karhale, Shrikrishna](#); (...);  
[Helavi, Vasant](#)

Published 2019 | CURRENT SCIENCE

3

Times  
Cited

Synthesis and characterization of new quaternary ammonium surfactant [C-18-Dabco][Br] and its catalytic

14

application in the synthesis of  
spirocarbocycles under ultrasonic  
condition

[Lohar, Trushant](#); [Kumbhar, Arjun](#); (...);  
[Salunkhe, Rajashri](#)

Published 2019 |

RESEARCH ON CHEMICAL INTERMEDIATES

Times  
Cited

Functionalized nitrogen ligands (C-N)  
for palladium catalyzed cross-coupling  
reactions (part II)

[Kumbhar, Arjun](#)

Published 2019 |

JOURNAL OF ORGANOMETALLIC

CHEMISTRY

17

Times  
Cited

Trifluoroethanol and liquid-assisted  
grinding method: a green catalytic  
access for multicomponent synthesis

[Lohar, Trushant](#); [Mane, Ananda](#); (...);

[Salunkhe, Rajashri](#)

Published 2018 |

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2

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Palladium supported ionic liquid phase catalyst (Pd@SILP-PS) for room temperature Suzuki-Miyaura cross-coupling reaction

[More, Sagar](#); [Jadhav, Sanjay](#); (...); [Kumbhar, Arjun](#)

Published 2017 | **MOLECULAR CATALYSIS**

22

Times  
Cited

Functionalized nitrogen ligands for palladium catalyzed cross-coupling reactions (part I)

[Kumbhar, Arjun](#)

Published 2017 |

**JOURNAL OF ORGANOMETALLIC**

**CHEMISTRY**

32

Times  
Cited

Transition metal-free Suzuki type cross-coupling reaction for the synthesis of dissymmetric ketones

[Jadhav, Sanjay](#); [Rashinkar, Gajanan](#); (...); [Kumbhar, Arjun](#)

2

Times  
Cited

**31**

Times  
Cited

Facile Suzuki-Miyaura cross coupling using ferrocene tethered N-heterocyclic carbene-Pd complex anchored on cellulose

[Kale, Dolly](#); [Rashinkar, Gajanan](#); (...); [Salunkhe, Rajashri](#)

Published 2017 |

**REACTIVE & FUNCTIONAL POLYMERS**

**8**

Times  
Cited

Cellulose-supported N-heterocyclic carbene silver complex with pendant ferrocenyl group for diaryl ether synthesis

[Jagadale, Megha](#); [Salunkhe, Rajashri](#); (...); [Rashinkar, Gajanan](#)

Published 2017 |

**APPLIED ORGANOMETALLIC CHEMISTRY**

**31**

Palladium Catalyst Supported on Zeolite for Cross-coupling Reactions: An

## Overview of Recent Advances

[Kumbhar, Arjun](#)

Published 2017 |

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DABCO functionalized dicationic ionic liquid (DDIL): A novel green benchmark in multicomponent synthesis of heterocyclic scaffolds under sustainable reaction conditions

[Lohar, Trushant](#); [Kumbhar, Arjun](#); (...);

[Salunkhe, Rajshri](#)

Published 2016 |

46

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Cited

### JOURNAL OF MOLECULAR LIQUIDS

Synthesis of quinoxalines and pyrido[2,3-b]pyrazines by Suzuki-Miyaura cross-coupling reaction

[Kumbhar, Arjun](#); [Jadhav, Sanjay](#); [Salunkhe, Rajashri](#)

Published 2016 |

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Times  
Cited

### RESEARCH ON CHEMICAL INTERMEDIATES

Bis-amino methylation for the synthesis of spiro-fused piperidines using iron(III) trifluoroacetate in aqueous micellar medium

[Lohar, Trushant](#); [Jadhav, Sanjay](#); (...);

[Salunkhe, Rajashri](#)

Published 2016 |

RESEARCH ON CHEMICAL INTERMEDIATES

10

Times  
Cited

Nanoporous p-terphenyl-polystyrene films containing perylene; fabrication, characterization and remarkable fluorescence resonance energy transfer based blue emitting properties

[Desai, Netaji K.](#); [Mahajan, Prasad G.](#); (...);

[Patil, Shivajirao R.](#)

Published 2016 |

JOURNAL OF MATERIALS SCIENCE-

MATERIALS IN ELECTRONICS

4

Times  
Cited

Ligand-free Pd catalyzed cross-coupling reactions in an aqueous hydrotropic medium

74

Times  
Cited

[Jadhav, Sanjay N.](#); [Kumbhar, Arjun S.](#); (...);  
[Salunkhe, Rajashri S.](#)

Published 2016 | **GREEN CHEMISTRY**

19

Times  
Cited

Application of novel multi-cationic ionic  
liquids in microwave assisted 2-amino-  
4H-chromene synthesis

[Kumbhar, Arjun](#); [Jadhav, Sanjay](#); (...);  
[Salunkhe, Rajshri](#)

Published 2016 | **RSC ADVANCES**

21

Times  
Cited

Palladium nanoparticles supported on  
a titanium dioxide cellulose composite  
(PdNPs@TiO<sub>2</sub>-Cell) for ligand-free  
carbon-carbon cross coupling reactions

[Jadhav, Sanjay](#); [Jagdale, Ashutosh](#); (...);  
[Salunkhe, Rajshri](#)

Published 2016 | **RSC ADVANCES**

50

Palladium supported on silica-chitosan  
hybrid material (Pd-CS@SiO<sub>2</sub>) for

|                                                                                                                                                                                                                                                             |                              |
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| <p>Suzuki-Miyaura and Mizoroki-Heck cross-coupling reactions<br/> <a href="#">Jadhav, Sanjay</a>; <a href="#">Kumbhar, Arjun</a>; <a href="#">Salunkhe, Rajashri</a><br/> Published 2015  </p> <p><b>APPLIED ORGANOMETALLIC CHEMISTRY</b></p>               | <p>Times Cited</p>           |
| <p>Aza-Micheal Reaction in Glycerol as a Sustainable Hydrotropic Medium<br/> <a href="#">Kamble, Santosh</a>; <a href="#">Kumbhar, Arjun</a>; (...); <a href="#">Salunkhe, Rajashri</a><br/> Published 2015  </p> <p><b>MATERIALS TODAY-PROCEEDINGS</b></p> | <p>5</p> <p>Times Cited</p>  |
| <p>Recent Advances in Biopolymer Supported Palladium in Organic Synthesis<br/> <a href="#">Kumbhar, Arjun</a> and <a href="#">Salunkhe, Rajashri</a><br/> Published 2015  </p> <p><b>CURRENT ORGANIC CHEMISTRY</b></p>                                      | <p>30</p> <p>Times Cited</p> |
| <p>A Merrifield resin supported Pd-NHC</p>                                                                                                                                                                                                                  | <p>34</p>                    |

complex with a spacer(Pd-NHC@SP-PS)  
for the Sonogashira coupling reaction  
under copper- and solvent-free  
conditions

[Jadhav, Sanjay N.](#); [Kumbhar, Arjun S.](#); (...);  
[Salunkhe, Rajashri S.](#)

Published 2015 |

**NEW JOURNAL OF CHEMISTRY**

Times  
Cited

Gel-entrapped bases: A smart window  
for the ligand-free Suzuki-Miyaura  
cross-coupling reaction

[Jadhav, Sanjay](#); [Kumbhar, Arjun](#); (...);  
[Salunkhe, Rajashri](#)

Published 2013 |

**COMPTES RENDUS CHIMIE**

12

Times  
Cited

Modified zeolite immobilized palladium  
for ligand-free Suzuki-Miyaura cross-  
coupling reaction

[Kumbhar, Arjun](#); [Kamble, Santosh](#); (...);  
[Salunkhe, Rajashri](#)

30

Times  
Cited

Hydrotrope: green and rapid approach  
for the catalyst-free synthesis of  
pyrazole derivatives

Barge, Madhuri ; Kamble, Santosh; (...);  
Salunkhe, Rajashri

Published 2013 |

MONATSHFTE FÜR CHEMIE

19

Times  
Cited

Palladium supported hybrid cellulose-  
aluminum oxide composite for Suzuki-  
Miyaura cross coupling reaction  
Kumbhar, Arjun; Jadhav, Sanjay; (...);  
Salunkhe, Rajashri

Published 2013 | TETRAHEDRON LETTERS

63

Times  
Cited

Silica Tethered Pd-DABCO Complex: An  
Efficient and Reusable Catalyst for

19

Suzuki-Miyaura Reaction  
[Kumbhar, Arjun](#); [Kamble, Santosh](#); (...);  
[Salunkhe, Rajashri](#)

Times  
Cited

Published 2012 | **CATALYSIS LETTERS**

Ultrasound promoted efficient and  
green synthesis of beta-amino carbonyl  
compounds in aqueous hydrotropic  
medium

[Kamble, Santosh](#); [Kumbhar, Arjun](#); (...);  
[Salunkhe, Rajashri](#)

Published 2012 |

**ULTRASONICS SONOCHEMISTRY**

29

Times  
Cited

Bronsted acid hydrotrope combined  
catalyst for environmentally benign  
synthesis of quinoxalines and  
pyrido[2,3-b]pyrazines in aqueous  
medium

[Kumbhar, Arjun](#); [Kamble, Santosh](#); (...);  
[Salunkhe, Rajashri](#)

49

Times  
Cited

Published 2012 | **TETRAHEDRON LETTERS**

Hydrotrope induced synthesis of 1,8-dioxo-octahydroxanthenes in aqueous medium

Kamble, Santosh.; [Rashinkar, Gajanan;](#) (...);  
[Salunkhe, Rajashri](#)

Published 2012 |

**GREEN CHEMISTRY LETTERS AND**

**REVIEWS**

14

Times  
Cited

HYDROTROPE INDUCED CATALYSIS IN  
WATER: A CLEAN AND GREEN  
APPROACH FOR THE SYNTHESIS OF  
MEDICINALLY RELEVANT  
BIS(INDOLYL)METHANES AND 2-ARYL  
BENZIMIDAZOLES

Kamble, Santosh.; [Rashinkar, Gajanan;](#) (...);  
[Salunkhe, Rajashri](#)

Published 2012 |

**SYNTHETIC COMMUNICATIONS**

20

Times  
Cited

Facile Knoevenagel and Domino  
Knoevenagel/Michael Reactions Using  
Gel-Entrapped Base Catalysts

12

Times  
Cited

[Shinde, Shital ; Rashinkar, Gajanan ; \(...\); Salunkhe, Rajashri](#)

Published 2011 | [HELVETICA CHIMICA ACTA](#)

An expeditious synthesis of homoallylic alcohols using Bronsted acidic supported ionic liquid phase catalyst with pendant ferrocenyl group  
[Rashinkar, Gajanan ; Kamble, Santosh ; \(...\); Salunkhe, Rajashri](#)

Published 2011 |

[CATALYSIS COMMUNICATIONS](#)

30

Times  
Cited

Facile synthesis of ferrocenylamines in aqueous hydrotropic solution using microwaves

19

Times  
Cited

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## Latthe, Sanjay S.

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Henan University

Coll Chem & Chem Engn

KAIFENG, PEOPLES R CHINA

Published names ⓘ

Latthe, Sanjay S. Latthe, S. S.

Published Organizations ⓘ

Henan University, RajeRamrao Coll, Raje  
Ramrao Coll [Show more](#)

Subject Categories <sup>BETA</sup>

Materials Science; Chemistry; Physics;  
Polymer Science; Science & Technology -  
Other Topics

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### Metrics

#### Profile summary

**75** Total documents

**75** Web of Science Core Collection publications

**0** Preprints

15



Web of Science Core Collection metrics

Documents

Author Impact Beamplot

75 Publications from the Web of Science Core Collection

- ☐ Include publications not indexed in Core Collection 
- All Publications  Date: newest first  1 of 2 

38

H-Index

75

Total Publications

4,637

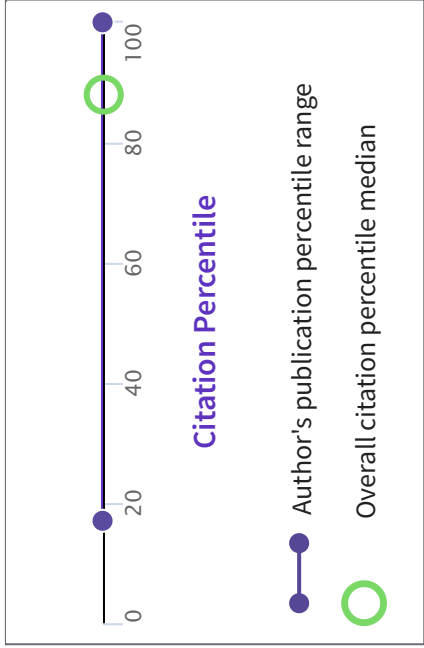
Sum of Times Cited

3,425

Citing Articles

View citation report

Author Impact Beamplot Summary 



Percentile range displays for authors from 1980 to 2021 . View all publications in full beamplot.

[View full beamplot](#)

Author Position 

15

(Fe, Ni)S-2@MoS2/NiS2 hollow  
heterostructure nanocubes for high-  
performance alkaline water electrolysis  
[Tong, Liangyu](#); [Liu, Yunpeng](#); (...); [Xing, Ruimin](#)

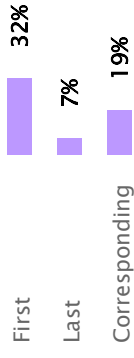
Published 2022 |

INTERNATIONAL JOURNAL OF HYDROGEN

ENERGY

4

Times  
Cited



Photocatalytic and Superhydrophilic  
TiO2-SiO2 Coatings on Marble for Self-  
Cleaning Applications

[Sutar, Rajaram S.](#); [Patil, Pratiksha B.](#); (...);

[Latthe, Sanjay S.](#)

Published 2021 |

MACROMOLECULAR SYMPOSIA

0

Times  
Cited

Octadecyltrichlorosilane-Modified  
Superhydrophobic-Superoleophilic  
Stainless Steel Mesh for Oil-Water  
Separation

[Sutar, Rajaram S.](#); [Kulkarni, Narayan P.](#); (...);

[Latthe, Sanjay S.](#)

1

Times  
Cited

MACROMOLECULAR SYMPOSIA

International Conference on Advances  
in Materials Science - ICAMS 2021

PREFACE

[Latthe, Sanjay S.](#)

Published 2021 |

MACROMOLECULAR SYMPOSIA

0

Times  
Cited

Superhydrophobic Al<sub>2</sub>O<sub>3</sub>-Polymer  
Composite Coating for Self-Cleaning  
Applications

[Sutar, Rajaram S.](#); [Nagappan, Saravanan](#);  
(...); [Latthe, Sanjay S.](#)

Published 2021 | **COATINGS**

4

Times  
Cited

Low Temperature Deposition of TiO<sub>2</sub>  
Thin Films through Atmospheric  
Pressure Plasma Jet Processing

[Gosavi, Suresh](#); [Tabei, Rena](#); (...); [Terashima,](#)  
[Chiaki](#)

8

Times  
Cited

Preparation of Superhydrophobic  
Coating Using Silica-PMMA

Nanocomposite

Jadhavar, Sonali B.; Sutar, Rajaram S.; (...);

Vhatkar, R. S.

Published 2020 |

MACROMOLECULAR SYMPOSIA

4

Times  
Cited

Spray Deposition of PDMS/Candle Soot  
NPs Composite for Self-Cleaning  
Superhydrophobic Coating

Sutar, Rajaram S.; Latthe, Sanjay S.; (...);

Xing, Ruimin

Published 2020 |

MACROMOLECULAR SYMPOSIA

12

Times  
Cited

Superhydrophobic Coating Using  
TiO<sub>2</sub>NPs/PMHS Composite for Self-  
Cleaning Application

4

Times  
Cited

[Sutar, Rajaram S.; Manadeshi, Shriram D.; \(...\); Xing, Ruimin](#)  
Published 2020 |

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Superhydrophobic PVC/SiO(2)Coating  
for Self-Cleaning Application

[Sutar, Rajaram S.; Kael, Prashant J.; \(...\); Xing, Ruimin](#)

Published 2020 |

MACROMOLECULAR SYMPOSIA

14

Times  
Cited

Superhydrophobic PU Sponge Modified  
by Hydrophobic Silica NPs-Polystyrene  
Nanocomposite for Oil-Water  
Separation

[Sutar, Rajaram S.; Salunkhe, Revati C.; \(...\); Xing, Ruimin](#)

Published 2020 |

MACROMOLECULAR SYMPOSIA

3

Times  
Cited

Oil-Water Separation by ZnO-Based

8

|                                                                                                                                                                                                                                                                                                                                           |                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| <p>Superhydrophobic PU Sponges<br/> <a href="#">Sutar, Rajaram S.</a>; <a href="#">Mane, Manisha S.</a>; (...);<br/> <a href="#">Xing, Ruimin</a><br/> Published 2020  </p> <p>MACROMOLECULAR SYMPOSIA</p>                                                                                                                                | <p>Times<br/>Cited</p>        |
| <p>Superhydrophobic Nanocomposite<br/> Coatings of Hydrophobic Silica NPs and<br/> Poly(methyl methacrylate) with Notable<br/> Self-Cleaning Ability<br/> <a href="#">Sutar, Rajaram S.</a>; <a href="#">Gaikwad, Sima S.</a>; (...);<br/> <a href="#">Bhosale, Appasaheb K.</a><br/> Published 2020  </p> <p>MACROMOLECULAR SYMPOSIA</p> | <p>10<br/>Times<br/>Cited</p> |
| <p>Fabrication of robust self-cleaning<br/> superhydrophobic coating by<br/> deposition of polymer layer on candle<br/> soot surface<br/> <a href="#">Sutar, Rajaram S.</a>; <a href="#">Latthe, Sanjay S.</a>; (...);<br/> <a href="#">Bhosale, Appasaheb K.</a><br/> Published 2021  </p> <p>JOURNAL OF APPLIED POLYMER SCIENCE</p>     | <p>16<br/>Times<br/>Cited</p> |

Preface

[Latthe, Sanjay S.](#)

Published 2020 |

**MACROMOLECULAR SYMPOSIA**

0

Times  
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Sawdust-based superhydrophobic  
pellets for efficient oil-water separation

[Latthe, Sanjay S.](#); [Kodag, Vishnu S.](#); (...);

[Xing, Ruimin](#)

Published 2020 |

**MATERIALS CHEMISTRY AND PHYSICS**

47

Times  
Cited

Spatial Compartmentalization of Cobalt  
Phosphide in P-Doped Dual Carbon  
Shells for Efficient Alkaline Overall  
Water Splitting

[Mohite, Santosh V.](#); [Xing, Ruimin](#); (...); [Liu, Shanhu](#)

Published 2020 | **INORGANIC CHEMISTRY**

36

Times  
Cited

Recent Advances in durability of superhydrophobic self-cleaning technology: A critical review  
[Dalawai, Sanjeev P.](#); [Aly, Mohamed Aly Saad](#); (...); [Liu, Shanhu](#)  
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Times  
Cited

#### PROGRESS IN ORGANIC COATINGS

Recent developments in air-trapped superhydrophobic and liquid-infused slippery surfaces for anti-icing application  
[Latthe, Sanjay S.](#); [Sutar, Rajaram S.](#); (...); [Xing, Ruimin](#)  
Published 2019 |

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Times  
Cited

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Special Issue: International Conference on Advances in Materials Science - ICAMS 2018 PREFACE  
[Latthe, Sanjay S.](#)  
Published 2019 |

0

Times  
Cited

#### MACROMOLECULAR SYMPOSIA

14

Times  
Cited

Durable Self-Cleaning  
Superhydrophobic Coating of SiO<sub>2</sub>-  
Cyanoacrylate Adhesive via Facile Dip  
Coat Technique  
[Sutar, Rajaram S.](#); [Latthe, Sanjay S.](#); (...); [Liu, Shanhu](#)  
Published 2019 |

MACROMOLECULAR SYMPOSIA

35

Times  
Cited

CoS<sub>2</sub> nanodots anchored into  
heteroatom-doped carbon layer via a  
biomimetic strategy: Boosting the  
oxygen evolution and supercapacitor  
performance  
[Li, Bingyue](#); [Xing, Ruimin](#); (...); [Zhou, Yanmei](#)  
Published 2019 |

JOURNAL OF POWER SOURCES

278

Times  
Cited

Self - cleaning superhydrophobic  
coatings: Potential industrial  
applications  
[Latthe, Sanjay S.](#); [Sutar, Rajaram S.](#); (...); [Liu, Shanhu](#)

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Superhydrophobic Leaf Mesh Decorated with SiO<sub>2</sub> Nanoparticle-Polystyrene Nanocomposite for Oil-Water Separation

Latthe, [Sanjay S.](#); [Sutar, Rajaram S.](#); (...); [Liu, Shanhui](#)

Published 2019 |

ACS APPLIED NANO MATERIALS

80

Times  
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Superhydrophobic surfaces for oil-water separation  
[Latthe, Sanjay S.](#); [Sutar, Rajaram S.](#); (...); [Liu, Shanhui](#)

Published 2019 |

SUPERHYDROPHOBIC POLYMER COATINGS: FUNDAMENTALS, DESIGN, FABRICATION, AND APPLICATIONS

28

Times  
Cited

Lotus Effect-based Superhydrophobic

14

|                                                                                                                                                                                                                                                                                                                                                                |                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| <p>Surfaces: Candle Soot as a Promising Class of Nanoparticles for Self-cleaning and Oil-Water Separation Applications</p> <p><a href="#">Lathe, Sanjay S.</a>; <a href="#">Nakata, Kazuya</a>; (...); <a href="#">Terashima, Chiaki</a></p> <p>Published 2019  </p> <p>GREEN CHEMISTRY FOR SURFACE COATINGS, INKS AND ADHESIVES: SUSTAINABLE APPLICATIONS</p> | <p>Times Cited</p>           |
| <p>Polyelectrolyte-assisted soft reduced process for Pt-Cu nanoclusters with enhanced electrocatalytic activity for the methanol oxidation reaction</p> <p><a href="#">Li, Rui</a>; <a href="#">Li, Shengnan</a>; (...); <a href="#">Liu, Shanhu</a></p> <p>Published 2019  </p> <p>JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS</p>                             | <p>9</p> <p>Times Cited</p>  |
| <p>Photocatalytic, superhydrophilic, self-cleaning TiO<sub>2</sub> coating on cheap, lightweight, flexible polycarbonate substrates</p> <p><a href="#">Adachi, Takahiro</a>; <a href="#">Lathe, Sanjay S.</a>; (...); <a href="#">Terashima, Chiaki</a></p>                                                                                                    | <p>80</p> <p>Times Cited</p> |

ODS - Modified TiO<sub>2</sub> Nanoparticles for  
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[Kokare, Ashvini M.](#); [Sutar, Rajaram S.](#); (...);  
[Latthe, Sanjay S.](#)

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A novel and facile approach to prepare  
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[Xing, Ruimin](#); [Latthe, Sanjay S.](#); (...); [Liu,  
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Polystyrene assisted superhydrophobic

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silica coatings with surface protection and self-cleaning approach

[Pawar, Popat G.](#); [Xing, Ruimin](#); (...); [Latthe, Sanjay S.](#)

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Charge Separation in TiO<sub>2</sub>/BDD Heterojunction Thin Film for Enhanced Photoelectrochemical Performance  
[Terashima, Chiaki](#); [Hishinuma, Ryota](#); (...); [Fujishima, Akira](#)

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Raspberry-like superhydrophobic silica coatings with self-cleaning properties  
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In-situ synthesis of hydrophobic SiO<sub>2</sub>-PMMA composite for surface protective coatings: Experimental and quantum chemical analysis

[Kumar, A. Madhan](#); [Latthe, Sanjay S.](#); (...); [Gasem, Zuhair M.](#)

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Self-cleaning transparent superhydrophobic coatings through simple sol-gel processing of fluoroalkylsilane

[Liu, Shanhui](#); [Liu, Xiaoqing](#); (...); [Xing, Ruimin](#)

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Superhydrophobic coatings prepared from methyl-modified silica particles using simple dip-coating method

[Gurav, Annaso B.](#); [Xu, Qingfeng](#); (...); [Yoon, Sam S.](#)

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Superhydrophobic/superoleophilic magnetic polyurethane sponge for oil/water separation

[Liu, Shanhui](#); [Xu, Qingfeng](#); (...); [Xing, Ruimin](#)

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A mechanically bendable superhydrophobic steel surface with self-cleaning and corrosion-resistant properties

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A highly transparent self-cleaning superhydrophobic surface by organosilane-coated alumina particles deposited via electrospraying

[Yoon, Hyun](#); [Kim, Hayong](#); (...); [Yoon, Sam S.](#)

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Self-cleaning and superhydrophobic  
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pyrolysis technique  
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Gravity-Driven Hybrid Membrane for  
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Superhydrophobic surface decorated  
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Development of sol-gel processed semi-transparent and self-cleaning superhydrophobic coatings

[Latthe, Sanjay S.](#); [Terashima, Chiaki](#); (...);  
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5  
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46

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Polymer Science; Chemistry; Thermodynamics



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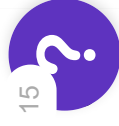
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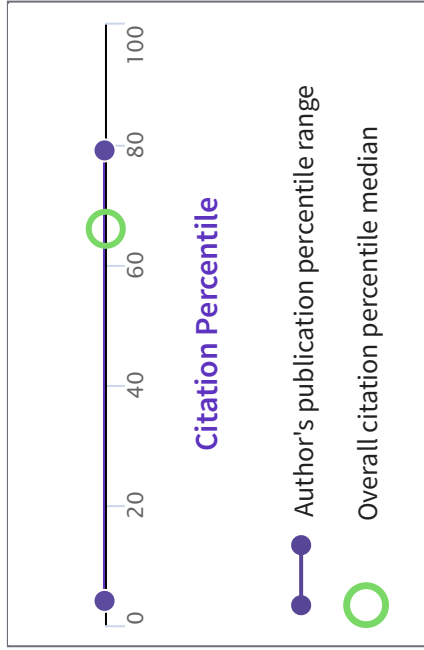
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15

Synthesis, characterization, wettability study and thermal behaviour of aromatic polyimides containing tetraphenylthiophene-quinoxaline unit [Salunkhe, P. H.; Patil, Y. S.; \(...\); Ghanwat, A. A.](#)

Published 2020 |

POLYMER-PLASTICS TECHNOLOGY AND

MATERIALS

7

Times  
Cited

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Times  
Cited

Synthesis and characterization of aromatic polyimides containing tetraphenylfuran-thiazole moiety [Patil, Y. S.; Salunkhe, P. H.; \(...\); Ghanwat, A. A.](#)

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JOURNAL OF THERMAL ANALYSIS AND

CALORIMETRY

1

Times  
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High Performance Poly (ether-amide)s Derived from 1,1-Bis[4-(4-carboxy methylene phenoxy)-3-methyl phenyl] Cyclopentane and Aromatic Diamines

[Ankushrao, S. S.](#); [Gugwad, V. M.](#); (...);

[Ghanwat, A. A.](#)

Published 2018 |

## POLYMER SCIENCE SERIES B

Optically transparent, organosoluble  
poly(ether-amide)s bearing triptycene  
unit; synthesis and characterization  
[Mahindrakar, J. N.](#); [Patil, Y. S.](#); (...); [Ghanwat,  
A. A.](#)

Published 2018 |

## JOURNAL OF MACROMOLECULAR

## SCIENCE PART A-PURE AND APPLIED

## CHEMISTRY

20

Times  
Cited

Processable heat resistant polyamides  
containing tetraphenyl thiophene  
having pendant phenyl moiety with  
heterocyclic quinoxaline unit: Synthesis  
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[Salunkhe, P. H.](#); [Ankushrao, S. S.](#); (...);  
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JOURNAL OF MACROMOLECULAR

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CHEMISTRY

Synthesis and characterization of thermally stable poly(ether-azomethine)s derived from 1,1-bis[4-(4-benzaldehyde oxy)-3-methyl phenyl]cyclopentane

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14

Times  
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Synthesis and characterization of processable heat resistant co-poly(ester-amide)s containing cyclopentylidene moiety

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Published names ⓘ Gaikwad, D. S. Gaikwad, Dipak S.

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Subject Category <sup>BETA</sup> Chemistry

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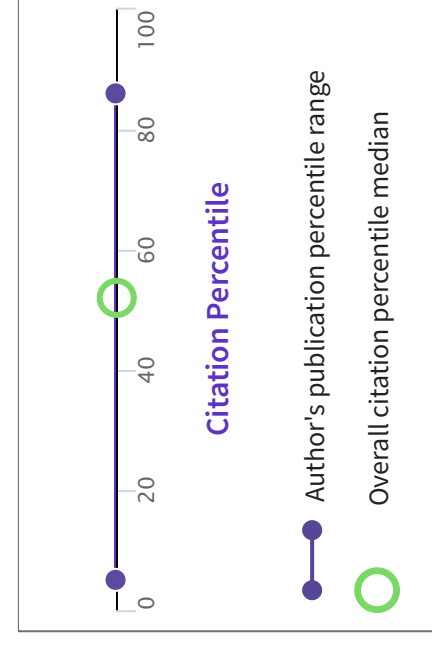
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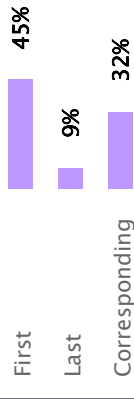
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Cooperative catalysis: Condensation-aromatization for synthesis of 2-(4-nitrophenyl)-1H-benzimidazole by silica immobilized Bronsted-Lewis acidic ionic liquid (Si-BLAIL)

2 Times Cited

Kalel, [Rahul A.](#) and [Gaikwad, Dipak S.](#)



Dual basic ionic liquid as a catalyst for synthesis of (2-amino-3-cyano-4H-chromen-4-yl) phosphonic acid diethyl ester and its molecular docking study  
[Gaikwad, D. S.](#); [Undale, K. A.](#); (...); [Choudhari, P. B.](#)

Published 2020 |

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3

Times  
Cited

Cu-ACP-Am-Fe<sub>3</sub>O<sub>4</sub>@SiO<sub>2</sub>: an efficient and recyclable heterogeneous catalyst for the Chan-Lam coupling reaction of boronic acids and amines  
[Vibhute, Sandip P.](#); [Mhaldar, Pradeep M.](#); (...); [Pore, Dattaprasad M.](#)

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Acacia concinna pods: a natural and new bioreductant for palladium nanoparticles and its application to Suzuki-Miyaura coupling

[Gaikwad, D. S.](#); [Undale, K. A.](#); (...); [Patil, D. B.](#)

Published 2019 |

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**SOCIETY**

**5**

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Multi-functionalized ionic liquid with in situ-generated palladium nanoparticles for Suzuki, Heck coupling reaction: a comparison with deep eutectic solvents

[Gaikwad, D. S.](#); [Undale, K. A.](#); (...); [Pore, D. M.](#)

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A new dual basic ionic liquid promoted synthesis of spiro[naphthalene-2,5'-pyrimidine]-4-carbonitrile

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Synthesis of magnetically separable catalyst Cu-ACP-Am-Fe3O4@SiO2 for Huisgen 1,3-dipolar cycloaddition  
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A task-specific biodegradable ionic liquid: a novel catalyst for synthesis of bicyclic ortho-aminocarbonitriles  
[Gaikwad, D. S.](#); [Undale, K. A.](#); (...); [Kamble, A. A.](#)

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6

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Triton X-100 stabilized Pd nanoparticles

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and their catalytic application in one-pot sequential Heck and Hiyama coupling in water

[Gaikwad, D. S.](#); [Undale, K. A.](#); (...); [Kamble, A. A.](#)

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In-situ-generated palladium nanoparticles in novel ionic liquid: an efficient catalytic system for Heck-Matsuda coupling

[Gaikwad, D. S.](#); [Undale, K. A.](#); (...); [Kamble, A. A.](#)

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Dual functionalized task specific ionic liquid promoted in situ generation of palladium nanoparticles in water: synergic catalytic system for Suzuki-Miyaura cross coupling

[Patil, Jayavant D.](#); [Korade, Suyog N.](#); (...); [Pore, Dattaprasad M.](#)

Published 2015 | **RSC ADVANCES**

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Catalyst-free access to pseudo multi-  
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[Shaikh, I. S.](#); [Patil, J. D.](#); (...); [Pore, D. M.](#)

Published 2014 |

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SECTION B-ORGANIC CHEMISTRY

INCLUDING MEDICINAL CHEMISTRY

6

Times  
Cited

Green Access to Multi-Component  
Synthesis of Spiropyranopyrazoles  
[Pore, D. M.](#); [Hegade, P. G.](#); (...); [Patil, J. D.](#)

Published 2014 |

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14

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Green access to novel spiro  
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[Pore, D. M.](#); [Patil, P. B.](#); (...); [Undale, K. A.](#)

Published 2013 | TETRAHEDRON LETTERS

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Times  
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Ferrocene-tagged N-heterocyclic  
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[Pore, Dattaprasad M.](#); [Gaikwad, Dipak S.](#);  
[Patil, Jayavant D.](#)

Published 2013 |

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Cited

Palladium-Nanoparticle-Catalyzed  
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Published 2012 | **SYNLETT**

29

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Cited

Potassium phosphate catalyzed  
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[Undale, Kedar A.](#); [Gaikwad, Dipak S.](#); (...);  
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[Gaikwad, Dipak S.](#); [Park, YoonKook](#); [Pore, Dattaprasad M.](#)

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Envirocat EPZ-10: An efficient catalyst for the synthesis of 3-acetoacetyl coumarins  
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An efficient multi-component synthesis -

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of (2-amino-3-cyano-4H-chromen-4-yl)  
phosphonic acid diethyl ester  
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One-pot multi-component synthesis of  
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[Undale, K. A.](#); [Shaikh, T. S.](#); (...); [Pore, D. M.](#)

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A green protocol for catalyst-free  
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in aqueous medium

[Pore, D. M.](#); [Shaikh, T. S.](#); (...); [Gaikwad, D. S.](#)

Published 2010 |

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Times  
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Subject Categories BETAMaterials Science; Electrochemistry; Physics;  
Engineering; Chemistry

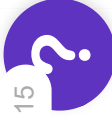
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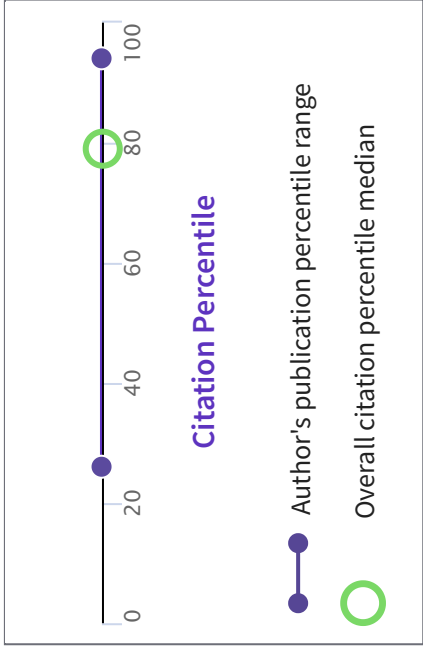
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Author Position ⓘ

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Photoelectrochemical performance of dye and semiconductor sensitization on 1-D hollow hexagonal ZnO rods: A comparative study (vol 22, pg 3015, 2018)

[Patil, S. S.](#); [Tarwal, N. L.](#); (...); [Patil, P. S.](#)

Published 2019 |

JOURNAL OF SOLID STATE

ELECTROCHEMISTRY

0

Times  
Cited

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Bismuth ferrite thin film as an efficient electrode for photocatalytic degradation of Methylene blue dye  
[Mane, P. V.](#); [Shinde, N. B.](#); (...); [Deshpande, N. G.](#)

Published 2019 |

MATERIALS RESEARCH EXPRESS

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Times  
Cited

Coexistence of filamentary and homogeneous resistive switching with memristive and meminductive memory effects in Al/MnO<sub>2</sub>/SS thin film metal-insulator-metal device

18

Times  
Cited

[Kamble, Girish U.](#); [Shetake, Nitin P.](#); (...);  
[Dongale, Tukaram D.](#)  
Published 2018 |

INTERNATIONAL NANO LETTERS

Photoelectrochemical performance of  
dye and semiconductor sensitization on  
1-D hollow hexagonal ZnO rods: A  
comparative study

[Patil, S. S.](#); [Tarwal, N. L.](#); (...); [Patil, P. S.](#)  
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JOURNAL OF SOLID STATE

ELECTROCHEMISTRY

12  
Times  
Cited

TOPO mediated rapid hydrothermal  
synthesis and study of electrochemical  
performance of nano-structured copper  
oxide thin films

[Teli, A. M.](#); [Navathe, G. J.](#); (...); [Patil, P. S.](#)  
Published 2017 |

SUSTAINABLE ENERGY & FUELS

6  
Times  
Cited

24

Times  
Cited

Mesoporous architecture of TiO2  
microspheres via controlled template  
assisted route and their  
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[Bhat, T. S.](#); [Mali, S. S.](#); (...); [Patil, P. S.](#)

Published 2017 |

JOURNAL OF MATERIALS SCIENCE-

MATERIALS IN ELECTRONICS

45

Times  
Cited

Design and electro-synthesis of 3-D  
nanofibers of MnO2 thin films and their  
application in high performance  
supercapacitor

[Jadhav, Pravin R.](#); [Suryawanshi, Mahesh P.](#);  
(...); [Patil, Pramod S.](#)

Published 2015 | ELECTROCHIMICA ACTA

34

Times  
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Development of nano fiber MnO2 thin  
film electrode and cyclic voltammetry  
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[Dongale, T. D.](#); [Jadhav, P. R.](#); (...); [Patil, P. S.](#)

Published 2015 |

## MATERIALS SCIENCE IN SEMICONDUCTOR

### PROCESSING

Photoelectrochemical solar cell based  
on surfactant mediated rutile TiO<sub>2</sub>  
nanorods

[Pawar, Sachin A.](#); [Patil, D. S.](#); (...); [Patil, P. S.](#)

Published 2015 |

## JOURNAL OF MATERIALS SCIENCE-

### MATERIALS IN ELECTRONICS

23

Times  
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Rapid synthesis of nanostructured  
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supercapacitor based on novel [HPMIM]  
[Cl] ionic liquid

[Navathe, G. J.](#); [Patil, D. S.](#); (...); [Patil, P. S.](#)

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Electrochromic performance of the mixed V2O5-WO3 thin films synthesized by pulsed spray pyrolysis technique  
[Patil, C. E.](#); [Tarwal, N. L.](#); (...); [Patil, P. S.](#)

Published 2014 |

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Times  
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Structural, Mossbauer and electrical properties of nickel cadmium ferrites  
[Karanjkar, M. M.](#); [Tarwal, N. L.](#); (...); [Patil, P. S.](#)

Published 2013 |

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Times  
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Manganese Oxide Thin Films Deposited By SILAR Method for Supercapacitor Application  
[Jadhav, P. R.](#); [Shinde, V. V.](#); (...); [Patil, P. S.](#)

Published 2013 |

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8

Times  
Cited

Spray deposited localized surface plasmonic Au-ZnO nanocomposites for solar cell application

[Tarwal, N. L.](#); [Devan, R. S.](#); (...); [Patil, P. S.](#)

Published 2012 | [ELECTROCHIMICA ACTA](#)

50

Times  
Cited

Surfactant mediated growth of ZnO nanostructures and their dye sensitized solar cell properties

[Pawar, R. C.](#); [Shaikh, J. S.](#); (...); [Patil, P. S.](#)

Published 2012 |

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Cited

Electrochromic performance of mixed V2O5-MoO3 thin films synthesized by pulsed spray pyrolysis technique

[Patil, C. E.](#); [Jadhav, P. R.](#); (...); [Patil, P. S.](#)

Published 2011 |

[MATERIALS CHEMISTRY AND PHYSICS](#)

50

Times  
Cited

An Mn Doped Polyaniline Electrode for  
Electrochemical Supercapacitor

[Patil, D. S.](#); [Shaikh, J. S.](#); (...); [Patil, P. S.](#)

Published 2011 |

**JOURNAL OF THE ELECTROCHEMICAL**

**SOCIETY**

65

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# Inamdar, S. I.

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(Inamdar, Sumayya I.)

Shivaji University

Dept Phys

KOLHAPUR, MAHARASHTRA, INDIA

## Published names

Inamdar, S. I. Inamdar, Sumayya I.  
Inamdar, Sumayya

## Published Organization

Shivaji University

## Subject Categories BETA

Chemistry; Materials Science; Engineering;  
Metallurgy & Metallurgical Engineering;  
Physics

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**0** Preprints

15 

Web of Science Core Collection metrics

[Documents](#)

Author Impact Beamplot

## 8 Publications from the Web of Science Core Collection

☐ Include publications not indexed in Core Collection (0) ⓘ  
All Publications ▾ Date: newest first ▾ 1 of 1 >

Chemical bath deposited ZnO thin film based UV photoconductive detector  
[Shaikh, Shahin K.](#); [Inamdar, Sumayya L.](#); (...); [Rajpure, Kesu Y.](#)  
Published 2016 |

**JOURNAL OF ALLOYS AND COMPOUNDS**

Synthesis of fast response, highly sensitive and selective Ni:ZnO based NO<sub>2</sub> sensor

85

Times Cited

7

H-Index

463

Sum of Times Cited

8

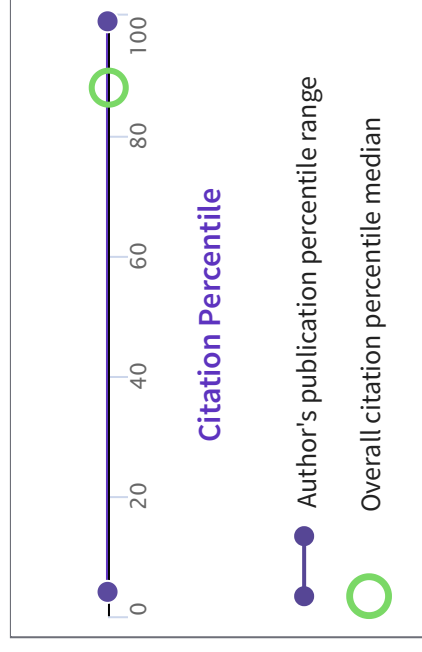
Total Publications

418

Citing Articles

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### Author Impact Beamplot Summary ⓘ



Percentile range displays for authors from 1980 to 2021 . View all publications in full beamplot.

[View full beamplot](#)

Author Position ⓘ

15

[Ganbavle, V. V.](#); [Inamdar, S. L.](#); (...); [Rajpure, K. Y.](#)

Published 2016 |

CHEMICAL ENGINEERING JOURNAL

First

Last

Corresponding

50%

0%

0%

Multifunctional zinc oxide thin films for high-performance UV photodetectors and nitrogen dioxide gas sensors

[Shaikh, S. K.](#); [Ganbavle, V. V.](#); (...); [Rajpure, K. Y.](#)

Published 2016 | **RSC ADVANCES**

59

Times  
Cited

Effect of the buffer layer on the metal-semiconductor-metal UV photodetector based on Al-doped and undoped ZnO thin films with different device structures

[Inamdar, Sumayya](#); [Ganbavle, Vinayak](#); (...); [Rajpure, Kesu](#)

Published 2015 |

PHYSICA STATUS SOLIDI A-APPLICATIONS  
AND MATERIALS SCIENCE

15

Times  
Cited

ZnO based visible-blind UV  
photodetector by spray pyrolysis  
[Inamdar, S. I.](#); [Ganbavle, V. V.](#); [Rajpure, K. Y.](#)  
Published 2014 |

58

Times  
Cited

**SUPERLATTICES AND MICROSTRUCTURES**

Effect of Co doping on structural,  
morphological and LPG sensing  
properties of nanocrystalline ZnO thin  
films  
[Ganbavle, V. V.](#); [Patil, S. K.](#); (...); [Rajpure, K. Y.](#)  
Published 2014 |

22

Times  
Cited

**SENSORS AND ACTUATORS A-PHYSICAL**

High-performance metal-  
semiconductor-metal UV photodetector  
based on spray deposited ZnO thin  
films  
[Inamdar, S. I.](#) and [Rajpure, K. Y.](#)  
Published 2014 |

125

Times  
Cited

**JOURNAL OF ALLOYS AND COMPOUNDS**

Studies on the synthesis and  
characterization of co-precipitated  
nanocrystalline Zn-Pb-O  
[Inamdar, Sumayya L.; Babar, Aappasaheb R.;  
\(...\); Rajpure, Kesu Y.](#)

Published 2014 |

**JOURNAL OF MOLECULAR STRUCTURE**

2

Times  
Cited

Page size 50 ▾

< 1 of 1 >

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Undale, Kedar  
Ashok ✓

(Undale, K. A.)



Web of Science

ResearcherID: AAI-3206-2020

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Published names ⓘ

Undale, K. A. Undale, Kedar A.

Published Organizations ⓘ

Vivekanand Coll, Shivaji University

Subject Category <sup>BETA</sup>

Chemistry

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Metrics

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Profile summary

**16** Total documents

**16** Web of Science Core Collection publications

**0** Preprints

**0** Verified peer reviews

**0** Verified editor records



**Documents** Peer Review

## 16 Publications from the Web of Science Core Collection

☐ Include publications not indexed in Core Collection (0) ⓘ

All Publications ▾ Date: newest first ▾ < 1 of 1 >

Dual basic ionic liquid as a catalyst for synthesis of (2-amino-3-cyano-4H-chromen-4-yl) phosphonic acid diethyl ester and its molecular docking study

Gaikwad, D. S.; Undale, K. A.; (...); Choudhari, P. B.  
Published 2020 |

**Research on Chemical Intermediates**

**3**

Times  
Cited

Acacia concinna pods: a natural and new bioreductant for palladium nanoparticles and its application to Suzuki-Miyaura coupling

Gaikwad, D. S.; Undale, K. A.; (...); Patil, D. B.

**5**

Times  
Cited

**10**

H-Index

**16**

Publications in  
Web of Science

**363**

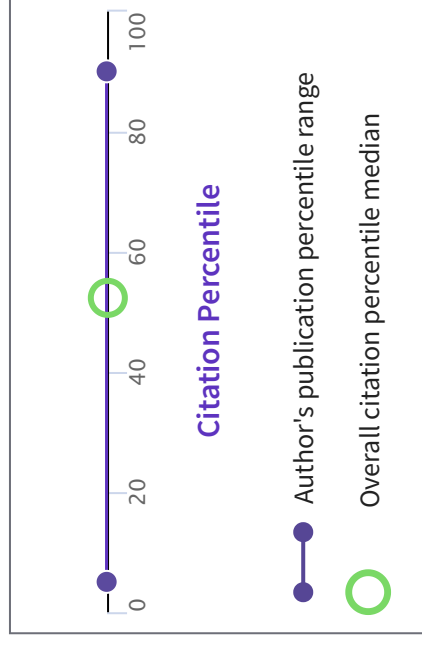
Sum of Times Cited

**321**

Citing Articles

[View citation report](#)

### Author Impact Beamplot Summary ⓘ



Percentile range displays for authors from 1980 to 2021 . View all publications in full beamplot.

[Open metrics dashboard to view the full beamplot](#)



Multi-functionalized ionic liquid with in situ-generated palladium nanoparticles for Suzuki, Heck coupling reaction: a comparison with deep eutectic solvents

Gaikwad, D. S.; Undale, K. A.; (...); Pore, D. M.

Published 2019 |

Journal of the Iranian Chemical Society

16

Times  
Cited

[Gaikwad, Dipak S.](#) 14

[Pore, Dattaprasad M.](#) 13

[Shaikh, Tarannum I.](#) 6

[Patil, D. B.](#) 6

[Kamble, Atulkumar A.](#) 3

A new dual basic ionic liquid promoted synthesis of spiro[naphthalene-2,5'-pyrimidine]-4-carbonitrile

Gaikwad, D. S.; Gawade, V. B.; (...); Pore, D. M.

Published Aug 2018 |

Research on Chemical Intermediates

1

Times  
Cited

A task-specific biodegradable ionic liquid: a novel catalyst for synthesis of

6

### bicyclic ortho-aminocarbonitriles

Gaikwad, D. S.; Undale, K. A.; (...); Kamble, A. A.

Published Feb 2018 |

[Journal of the Iranian Chemical Society](#)

Times  
Cited

Triton X-100 stabilized Pd nanoparticles and their catalytic application in one-pot sequential Heck and Hiyama coupling in water

Gaikwad, D. S.; Undale, K. A.; (...); Kamble, A. A.

Published 2018 |

[Research on Chemical Intermediates](#)

13

Times  
Cited

In-situ-generated palladium nanoparticles in novel ionic liquid: an efficient catalytic system for Heck-Matsuda coupling

Gaikwad, D. S.; Undale, K. A.; (...); Kamble, A. A.

Published 2017 |

[Research on Chemical Intermediates](#)

4

Times  
Cited

Catalyst-free access to pseudo multi-component synthesis of benzopyranopyrimidines

Shaikh, T. S. ; Patil, J. D. ; (...); Pore, D. M.  
Published 2014 |

**Indian Journal of Chemistry - Section B**

**Organic and Medicinal Chemistry**

6

Times  
Cited

Green access to novel spiro pyranopyrazole derivatives  
Pore, D. M. ; Patil, P. B. ; (...); Undale, K. A.

Published Oct 2013 | **Tetrahedron Letters**

42

Times  
Cited

Potassium phosphate catalyzed efficient synthesis of 3-carboxycoumarins

Undale, Kedar A. ; Gaikwad, Dipak S. ; (...);  
Pore, Dattaprasad M.  
Published 2012 |

**Indian Journal of Chemistry - Section B**

**Organic and Medicinal Chemistry**

18

Times  
Cited

Envirocat EPZ-10: An efficient catalyst for the synthesis of 3-acetoacetylcoumarins  
Shaikh, T. S. ; Undale, K. A. ; (...); Pore, D. M.  
Published Nov 2011 |

12

Times  
Cited

[Comptes Rendus Chimie](#)

An efficient multi-component synthesis of (2-amino-3-cyano-4H-chromen-4-yl) phosphonic acid diethyl ester  
Gaikwad, D. S. ; Undale, K. A. ; (...); Pore, D. M.  
Published Oct 2011 |

37

Times  
Cited

[Comptes Rendus Chimie](#)

One-pot multi-component synthesis of polyhydroquinolines at ambient temperature  
Undale, K. A. ; Shaikh, T. S. ; (...); Pore, D. M.  
Published May 2011 |

47

Times  
Cited

[Comptes Rendus Chimie](#)

A Revisit to the Hantzsch Reaction:  
Unexpected Formation of  
Tetrahydrobenzo[b]pyrans beyond  
Polyhydroquinolines  
Undale, Kedar A. ; Park, YoonKook ; (...);  
Pore, Dattaprasad M.  
Published Mar 2011 | [Synlett](#)

33

Times  
Cited

A green protocol for catalyst-free  
synthesis of 1-oxo-hexahydroxanthenes  
in aqueous medium  
Pore, D. M. ; Shaikh, T. S. ; (...); Gaikwad, D. S.  
Published Dec 2010 |  
[Comptes Rendus Chimie](#)

24

Times  
Cited

Potassium Phosphate Catalyzed a Rapid  
Three-Component Synthesis of  
Tetrahydrobenzo[b]pyran at Ambient  
Temperature  
Pore, D. M. ; Undale, K. A. ; (...); Desai, U. V.  
Published Jun 2009 | [Catalysis Letters](#)

96

Times  
Cited



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Waghmare, V. B.



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Vivekanand Coll

Sci Dept

KOLHAPUR, MAHARASHTRA, INDIA

Published name ⓘ

Waghmare, V. B.

Published Organizations ⓘ

Vivekanand Coll, Govt Coll Engn, Dr PD  
Polytech

Subject Categories BETA

Computer Science; Telecommunications;  
Engineering; Science & Technology - Other  
Topics



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8 Total documents

8 Web of Science Core Collection publications

0 Preprints

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15



Documents

Author Impact Beamplot

8 Publications from the Web of Science Core Collection

☐ Include publications not indexed in Core Collection (0) ⓘ

All Publications ▾Date: newest first ▾

<1of 1>

Development of Diabetes Diagnosis System with Artificial Neural Network and Open Source Environment

Mujawar, L. K.; Jadhav, B. T.; (...); Patil, R. Y.

Published 2021 |

2021 INTERNATIONAL CONFERENCE ON EMERGING SMART COMPUTING AND INFORMATICS (ESCI)

0

Times Cited

Online approach for Diabetes Diagnosis and Classification with Expert System

0

1

H-Index

8

Total Publications

3

Sum of Times Cited

3

Citing Articles

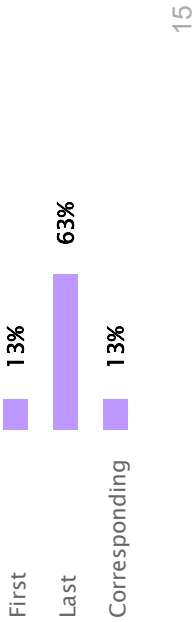
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Author Impact Beamplot Summary ⓘ

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|                                                                                                                                                                                                                                                                                                                                                                  |                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| <p>Modules using Fuzzy Logic</p> <p><a href="#">Mujawar, I. K.</a>; <a href="#">Jadhav, B. I.</a>; (...); <a href="#">Patil, R. Y.</a></p> <p>Published 2019  </p> <p>2019 IEEE PUNE SECTION INTERNATIONAL CONFERENCE (PUNECON)</p>                                                                                                                              | <p>Times Cited</p>          |
| <p>PWM Based Charge Controller For Renewable Energy Applications Using SEPIC Converter</p> <p><a href="#">Baliwant, Bhakti B.</a>; <a href="#">Gothane, Ankita R.</a>; <a href="#">Waghmare, V. B.</a></p> <p>Published 2019  </p> <p>PROCEEDINGS OF THE 2019 3RD INTERNATIONAL CONFERENCE ON COMPUTING METHODOLOGIES AND COMMUNICATION (ICCMC 2019)</p>         | <p>0</p> <p>Times Cited</p> |
| <p>Simulation and Analysis of Series Active Filter Using AC-AC Converter for Mitigation of Sag</p> <p><a href="#">Gothane, Ankita R.</a>; <a href="#">Baliwant, Bhakti B.</a>; <a href="#">Waghmare, V. B.</a></p> <p>Published 2019  </p> <p>PROCEEDINGS OF THE 2019 3RD INTERNATIONAL CONFERENCE ON COMPUTING METHODOLOGIES AND COMMUNICATION (ICCMC 2019)</p> | <p>0</p> <p>Times Cited</p> |

Voltage Distortion at Distribution side reduced by Modified UPQC

[Kadam, Radhika Jayant](#); [Mulani, Karishma Amin](#); [Waghmare, V. B.](#)

Published 2018 |

2018 3RD INTERNATIONAL CONFERENCE FOR CONVERGENCE IN TECHNOLOGY (I2CT)

1

Times  
Cited

A Modified UPQC Topology with Reduced DC Link Voltage in Power System

[Kadam, Radhika Jayant](#) and [Waghmare, V. B.](#)

Published 2017 |

PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON INTELLIGENT SUSTAINABLE SYSTEMS (ICISS 2017)

0

Times  
Cited

A Drift free Perturb & Observe MPPT in PV system

[Waghmare, V. B.](#) and [Swapnali, Nikate C.](#)

1

Times  
Cited

Published 2017 |

PROCEEDINGS OF THE 2017 IEEE SECOND  
INTERNATIONAL CONFERENCE ON  
ELECTRICAL, COMPUTER AND  
COMMUNICATION TECHNOLOGIES (ICECCT)

A implementation of object oriented  
database security

Ambhore, Premchand B.; Meshram, B. B.;  
[Waghmare, V. B.](#)

Published 2007 |

SERA 2007: 5TH ACIS INTERNATIONAL  
CONFERENCE ON SOFTWARE ENGINEERING  
RESEARCH, MANAGEMENT, AND  
APPLICATIONS, PROCEEDINGS

1

Times  
Cited

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**Navathe, G. J.** This is an algorithmically generated author record ⓘ

Shivaji University

Dept Phys

KOLHAPUR, MAHARASTRA, INDIA

Published name ⓘ Navathe, G. J.

Published Organization ⓘ Shivaji University

Subject Categories BETA Materials Science; Chemistry; Physics; Electrochemistry; Energy & Fuels

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| <b>0</b> | Preprints                                   |

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Web of Science Core Collection metrics

## 5 Publications from the Web of Science Core Collection

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All Publications ▼ Date: newest first ▼

1 of 1 >

TOPO mediated rapid hydrothermal synthesis and study of electrochemical performance of nano-structured copper oxide thin films

[Teli, A. M.](#); [Navathe, G. J.](#); (...); [Patil, P. S.](#)

Published 2017 |

**SUSTAINABLE ENERGY & FUELS**

6

Times  
Cited

Nanopetals assembled copper oxide electrode for supercapacitor using novel 1-(1 '-methyl-2 '-oxo-propyl)-2,3-dimethylimidazolium chloride ionic liquid as an electrolyte

[Awale, D. V.](#); [Bhise, S. C.](#); (...); [Kolekar, S. S.](#)

13

Times  
Cited

5

H-Index

5

Total Publications

101

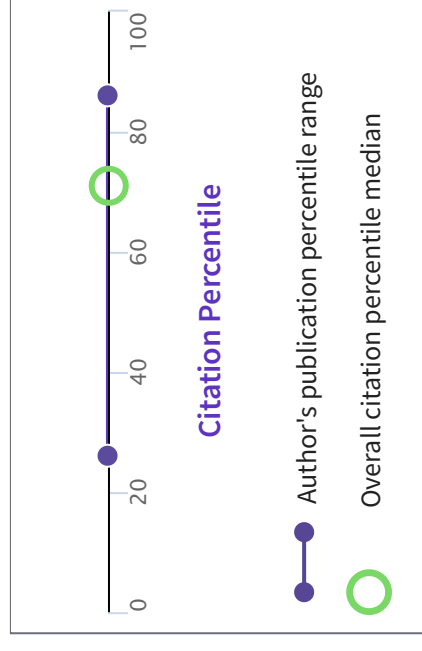
Sum of Times Cited

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Citing Articles

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### Author Impact Beamplot Summary ⓘ



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Author Position ⓘ

15



Development of nano fiber MnO<sub>2</sub> thin film electrode and cyclic voltammetry behavior modeling using artificial neural network for supercapacitor application

[Dongale, I. D.](#); [Jadhav, P. R.](#); (...); [Patil, P. S.](#)

Published 2015 |

MATERIALS SCIENCE IN SEMICONDUCTOR

PROCESSING

34

Times  
Cited

Rapid synthesis of nanostructured copper oxide for electrochemical supercapacitor based on novel [HPMIM] [Cl] ionic liquid

[Navathe, G. J.](#); [Patil, D. S.](#); (...); [Patil, P. S.](#)

Published 2015 |

JOURNAL OF ELECTROANALYTICAL

CHEMISTRY

40

Times  
Cited

Manganese Oxide Thin Films Deposited  
By SILAR Method for Supercapacitor  
Application

[Jadhav, P.R.](#); [Shinde, V.V.](#); (...); [Patil, P.S.](#)

Published 2013 |

AIP CONFERENCE PROCEEDINGS

8

Times  
Cited

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Gaupale, Tekchand C.

author record ⓘ

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Dept Zool

PUNE, MAHARASHTRA, INDIA

Published name ⓘ

Gaupale, Tekchand C.

Published Organization ⓘ

Savitribai Phule Pune University

Subject Categories BETA

Endocrinology & Metabolism; Zoology;  
Developmental Biology; Environmental  
Sciences & Ecology; Neurosciences &  
Neurology



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7 Web of Science Core Collection publications

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Total Publications

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Sum of Times Cited

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Citing Articles

Documents

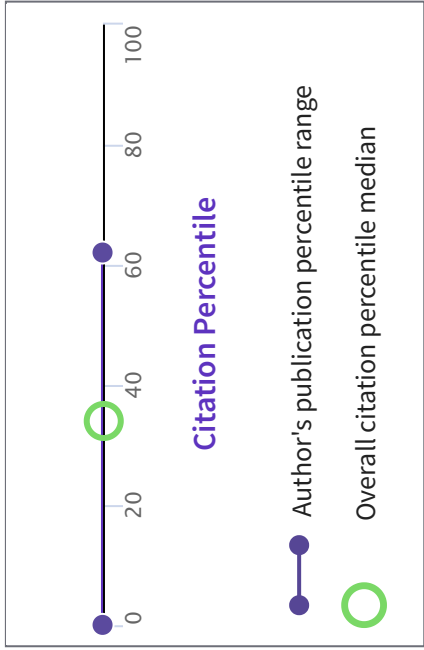
Author Impact Beamplot

7 Publications from the Web of Science Core Collection

☐ Include publications not indexed in Core Collection (0)

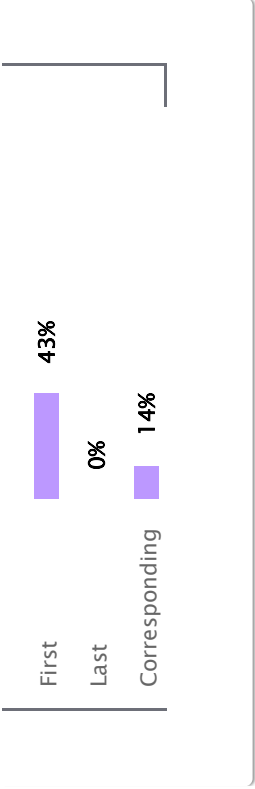
All Publications ▾ Date: newest first ▾ 1 of 1 >

Author Impact Beamplot Summary ⓘ



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Temperature dependent changes in cocaine- and amphetamine regulated transcript (CART) peptide in the brain of tadpole, *Sylvirana temporalis*

[Shewale, Swapnil A.](#); [Gaupale, Tekchand C.](#); [Bhargava, Shobha](#)

Published 2015 |

GENERAL AND COMPARATIVE

ENDOCRINOLOGY

8  
Times Cited

Biomarker responses in the earthworm, *Dichogaster curgensis* exposed to fly ash polluted soils

[Markad, Vijaykumar L.](#); [Gaupale, Tekchand C.](#); (...); [Ghole, Vikram S.](#)

Published 2015 |

ECOTOXICOLOGY AND ENVIRONMENTAL

SAFETY

20  
Times Cited

Nesfatin-1/nucleobindin-2 like immunoreactivity in the olfactory system, brain and pituitary of frog, *Microhyla ornata*

11  
Times Cited

[Senejani, A. G.; Gaupale, Tekchand C.; \(...\); Bhargava, Shobha](#)  
Published 2014 |

GENERAL AND COMPARATIVE

ENDOCRINOLOGY

Ontogeny of cocaine- and  
amphetamine-regulated transcript  
peptide in brain of frog, *Microhyla*  
*ornata*

6

Times  
Cited

[Gaupale, Tekchand C.; Subhedar, Nishikant; Bhargava, Shobha](#)  
Published 2013 |

GENERAL AND COMPARATIVE

ENDOCRINOLOGY

Immunohistochemical localization and  
biochemical changes in catalase and  
superoxide dismutase during  
metamorphosis in the olfactory system  
of frog *Microhyla ornata*

4

Times  
Cited

[Gaupale, Tekchand C.; Londhe, Jayant; \(...\); Bhargava, Shobha](#)

Expression pattern of iodotyrosine dehalogenase 1 (DEHAL1) during chick ontogeny

[Mathi, Anupama A.; Gaupale, Tekchand C.; \(...\); Bhargava, Shobha](#)

Published 2010 |

INTERNATIONAL JOURNAL OF  
DEVELOPMENTAL BIOLOGY

0  
Times  
Cited

Localization and Enzyme Activity of Iodotyrosine Dehalogenase 1 during Metamorphosis of *Eng. Microhyla*

4  
Times



 Remove publications

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**Mujawar, I. K.** This is an algorithmically generated author record ⓘ

Vivekanand Coll

KOLHAPUR, MAHARASHTRA, INDIA

Published name ⓘ

Mujawar, I. K.

Published Organization ⓘ

Vivekanand Coll

Subject Categories BETA

Computer Science; Engineering;  
Telecommunications



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**2** Web of Science Core Collection publications

**0** Preprints

Web of Science Core Collection metrics



15

## 2 Publications from the Web of Science Core Collection

☐ Include publications not indexed in Core Collection (0) ⓘ

All Publications ▾ Date: newest first ▾ < 1 of 1 >

Development of Diabetes Diagnosis System with Artificial Neural Network and Open Source Environment  
[Mujawar, L. K.](#); [Jadhav, B. I.](#); (...); [Patil, R. Y.](#)

Published 2021 |

2021 INTERNATIONAL CONFERENCE ON EMERGING SMART COMPUTING AND INFORMATICS (ESCI)

0

Times Cited

Online approach for Diabetes Diagnosis and Classification with Expert System Modules using Fuzzy Logic  
[Mujawar, L. K.](#); [Jadhav, B. I.](#); (...); [Patil, R. Y.](#)

Published 2019 |

2019 IEEE PUNE SECTION INTERNATIONAL CONFERENCE (PUNECON)

0

Times Cited

0 H-Index  
2 Total Publications  
0 Sum of Times Cited  
0 Citing Articles

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### Author Impact Beamplot Summary ⓘ

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### Author Position ⓘ

|               |      |
|---------------|------|
| First         | 100% |
| Last          | 0%   |
| Corresponding | 100% |

15



 Remove publications

 Create Alert

# Patravale, Ajinkya

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record ⓘ

Shivaji University

Dept Chem

KOLHAPUR, MAHARASHTRA, INDIA

## Published names ⓘ

Patravale, Ajinkya A. Patravale, Ajinkya  
Patravale, A. A. Patravale, Ajinkya P.

## Published Organizations ⓘ

Vivekananda Coll, Vivekanand Coll, Shivaji  
University [Show more](#)

## Subject Categories <sup>BETA</sup>

Chemistry; Physics; Engineering;  
Pharmacology & Pharmacy

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|----|---------------------------------------------|
| 20 | Total documents                             |
| 20 | Web of Science Core Collection publications |
| 0  | Preprints                                   |

Web of Science Core Collection metrics



Documents

Author Impact Beamplot

20 Publications from the Web of Science Core Collection

- ☐ Include publications not indexed in Core Collection (0) ⓘ
- All Publications ▾ Date: newest first ▾ 1 of 1 >

9

H-Index

20

Total Publications

188

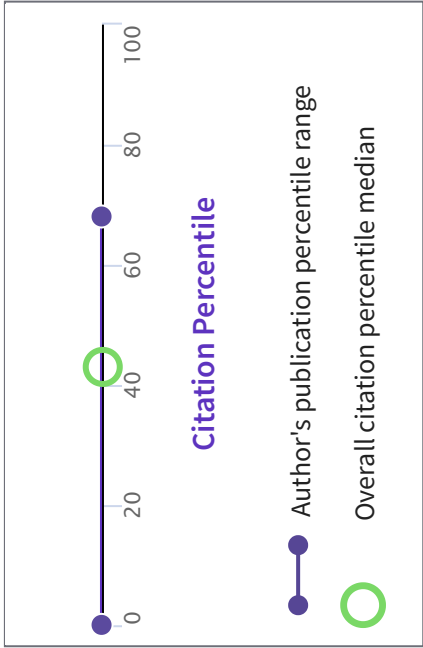
Sum of Times Cited

135

Citing Articles

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Author Impact Beamplot Summary ⓘ



Percentile range displays for authors from 1980 to 2021 . View all publications in full beamplot.

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Author Position ⓘ

15

Green and highly efficient synthesis of pyrimidine derivatives in a novel glycolic acid: urea-based low transition temperature mixture via C-C and C-O bond formation

[Karande, Vishram](#); [Mohire, Priyanka](#); (...); [Deshmukh, Madhukar](#)

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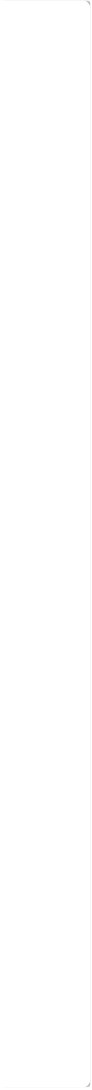
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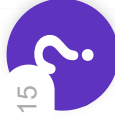
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