



Your default export setting has been saved for this session. To save this setting across sessions, please sign in.



This author profile is generated by Scopus [Learn more](#)

Pathak, Sudipta

[Debhog, Purba Medinipur, India](#) [Show all author info](#)

[SC 50961516900](#) [ID](#) [Connect to ORCID](#) [Is this you?](#) [Connect to Mendeley account](#)

[Edit profile](#) [Set alert](#) [Potential author matches](#) [Export to SciVal](#)

Metrics overview

29

Documents by author

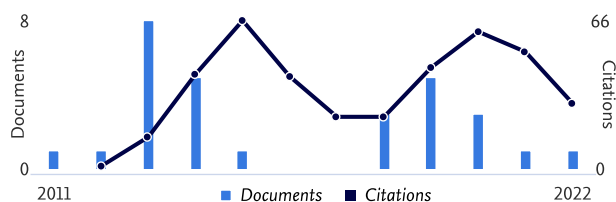
397

Citations by **306** documents

14

h-index: [View h-graph](#)

Document & citation trends



[Analyze author output](#) [Citation overview](#)

Most contributed Topics 2017–2021

Complex; 4-Pyridone; Proton Transport

3 documents

Aluminum; Zinc Ion; Schiff Bases

2 documents

Agonist Potency; Allyl Chloroformate; Gasotransmitters

2 documents

[View all Topics](#)

29 Documents [Cited by 306 Documents](#) [0 Preprints](#) [48 Co-Authors](#) [8 Topics](#)
0 Awarded Grants

[Save all to Mendeley](#) [Add all to list](#)

Sort by [Date \(...\)](#)

[View list in search results format](#)

[View references](#)

[Set document alert](#)

Article

Syntheses, crystal structures and supramolecular assemblies of two Cu(ii) complexes based on a new heterocyclic ligand: insights into C-H...Cl and $\pi\cdots\pi$ interactions

Pramanik, S., Pathak, S., Frontera, A., Mukhopadhyay, S.

CrystEngComm, 2022, 24(8), pp. 1598–1611

[Show abstract](#) [View at Publisher](#) [Related documents](#)

Article

1
Citations

An experimental and theoretical exploration of supramolecular interactions and photoresponse properties of two Ni(II) complexes

Pramanik, S., Pathak, S., Jana, S., ... Frontera, A., Mukhopadhyay, S.

New Journal of Chemistry, 2021, 45(27), pp. 12108–12119

Show abstract [View at Publisher](#) [Related documents](#)

Article

Chromogenic and fluorogenic off-on-off chemosensor for selective and sensitive detection of aluminum (Al^{3+}) and bifluoride (HF_2^-) ions in solution and in living Hep G2 cells: Synthesis, experimental and theoretical studies

Pramanik, S., Manna, S.K., Pathak, S., ... Pal, K., Mukhopadhyay, S.

New Journal of Chemistry, 2020, 44(31), pp. 13259–13265

Show abstract [View at Publisher](#) [Related documents](#)

Article

A turn-on fluorescent and colorimetric chemodosimeter for selective detection of Au^{3+} ions in solution and in live cells: Via Au^{3+} -induced hydrolysis of a rhodamine-derived Schiff base

Mondal, S., Manna, S.K., Pathak, S., ... Mandal, D., Mukhopadhyay, S.

New Journal of Chemistry, 2020, 44(19), pp. 7954–7961

Show abstract [View at Publisher](#) [Related documents](#)

Article

Investigation of electrical conductance properties, non-covalent interactions and TDDFT calculation of a newly synthesized copper(II) metal complex

Pramanik, S., Konar, S., Chakraborty, K., ... Dolai, M., Pathak, S.

Journal of Molecular Structure, 2020, 1206, 127663

Show abstract [View at Publisher](#) [Related documents](#)

Article • [Open access](#)

Structures, Photoresponse Properties, and Biological Activity of Dicyano-Substituted 4-Aryl-2-pyridone Derivatives

Mandal, T., Pathak, S., Dey, A., ... Frontera, A., Mukhopadhyay, S.

ACS Omega, 2019, 4(4), pp. 7200–7212

Show abstract [View at Publisher](#) [Related documents](#)

Article

Synthetic and structural investigations of Cd(II) complexes of tetradentate pyrimidine based Schiff base ligand: Insight through non-covalent interactions, TDDFT calculation and Hirshfeld surface analysis

Konar, S., Datta, S.K., Dolai, M., ... Chatterjee, S., Das, K.

Journal of Molecular Structure, 2019, 1178, pp. 682–691

Show abstract [View at Publisher](#) [Related documents](#)

Article • [Open access](#)

Structures, photoresponse properties and DNA binding abilities of 4-(4-pyridinyl)-2-pyridone salts

Mandal, T., Dey, A., Pathak, S., ... Frontera, A., Mukhopadhyay, S.

RSC Advances, 2019, 9(17), pp. 9663–9677

Show abstract [View at Publisher](#) [Related documents](#)

Article

Fluorescence sensing and intracellular imaging of Pd^{2+} ions by a novel coumarinyl-rhodamine Schiff base

Adak, A.K., Purkait, R., Manna, S.K., ... Pathak, S., Sinha, C.

New Journal of Chemistry, 2019, 43(9), pp. 3899–3906

Show abstract [View at Publisher](#) [Related documents](#)

Article

A colorimetric and “off-on” fluorescent Pd^{2+} chemosensor based on a rhodamine-ampyrone conjugate: synthesis, experimental and theoretical studies along with in vitro applications

Citations

15

Citations

13

Citations

1

Citations

11

Citations

7

Citations

15

Citations

11

Citations

13

Citations

Mondal, S., Manna, S.K., Pathak, S., Masum, A.A., Mukhopadhyay, S.

New Journal of Chemistry, 2019, 43(8), pp. 3513–3519

Show abstract [View at Publisher](#) [Related documents](#)

Article

Noncovalent interactions and electrical conductance study of copper(II) coordination complex derived from 2,6-pyridinedicarboxylic acid and aminopyrimidine ligands

Pathak, S., Chakraborty, K., Ghosh, S., ...Samanta, K., Konar, S.

Journal of the Indian Chemical Society, 2018, 95(2), pp. 115–120

Show abstract [View at Publisher](#) [Related documents](#)

0

Citations

Article

Synthesis and crystal structure of new copper(II) metal complex: Noncovalent interactions and electrical conductance properties

Pathak, S., Chakraborty, K., Ghosh, S., ...Jana, B., Konar, S.

Journal of Molecular Structure, 2018, 1152, pp. 96–100

Show abstract [View at Publisher](#) [Related documents](#)

1

Citations

Article • [Open access](#)

Terpyridine derivatives as turn-on fluorescence chemosensors for the selective and sensitive detection of Zn²⁺ ions in solution and in live cells

Mandal, T., Hossain, A., Dhara, A., ...Pathak, S., Mukhopadhyay, S.

Photochemical and Photobiological Sciences, 2018, 17(8), pp. 1068–1074

Show abstract [View at Publisher](#) [Related documents](#)

21

Citations

Article

Synthesis of 4-hydroxyindole fused isocoumarin derivatives and their fluorescence turn-off sensing of Cu(II) and Fe(III) ions

Pathak, S., Das, D., Kundu, A., ...Guchhait, N., Pramanik, A.

RSC Advances, 2015, 5(22), pp. 17308–17318

Show abstract [View at Publisher](#) [Related documents](#)

30

Citations

Article

Facile synthesis of 3H,3'-H-spiro[benzofuran-2,1'-isindole]-3, 3'-diones using monobromomalononitrile (MBM) as an efficient organo-brominating agent

Kundu, A., Pathak, S., Debnath, K., Pramanik, A.

Tetrahedron Letters, 2014, 55(29), pp. 3960–3968

Show abstract [View at Publisher](#) [Related documents](#)

14

Citations

Article

Silica sulfuric acid: An efficient reusable heterogeneous solid support for the synthesis of 3H,3'-H-spiro[benzofuran-2,1'-isobenzofuran]-3, 3'-diones under solvent-free condition

Debnath, K., Pathak, S., Pramanik, A.

Tetrahedron Letters, 2014, 55(10), pp. 1743–1748

Show abstract [View at Publisher](#) [Related documents](#)

25

Citations

Article

Monobromomalononitrile: An efficient regioselective mono brominating agent towards active methylene compounds and enamines under mild conditions

Pathak, S., Kundu, A., Pramanik, A.

RSC Advances, 2014, 4(20), pp. 10180–10187

Show abstract [View at Publisher](#) [Related documents](#)

9

Citations

Article

Substituted benzo[a]carbazoles and indoleacetic acids from arylglyoxals and enamines through domino condensation, thermal cyclization, and aromatization

Maity, S., Pathak, S., Pramanik, A.

European Journal of Organic Chemistry, 2014, 2014(21), pp. 4651–4662

Show abstract [View at Publisher](#) [Related documents](#)

15

Citations

Facile cyclization in the synthesis of highly fused diaza cyclooctanoid compounds using retrievable nano magnetite-supported sulfonic acid catalyst

Pathak, S., Debnath, K., Mollick, M.M.R., Pramanik, A.

RSC Advances, 2014, 4(45), pp. 23779–23789

Show abstract [View at Publisher](#) [Related documents](#)

15

Citations

Article • [Open access](#)

Silica sulfuric acid: A reusable solid catalyst for one pot synthesis of densely substituted pyrrole-fused isocoumarins under solvent-free conditions

Pathak, S., Debnath, K., Pramanik, A.

Beilstein Journal of Organic Chemistry, 2013, 9, pp. 2344–2353

Show abstract [View at Publisher](#) [Related documents](#)

31

Citations

Article

Facile synthesis of ninhydrin and isatin based hydrazones in water using PEG-OSO₃H as a highly efficient and homogeneous polymeric acid-surfactant combined catalyst

Debnath, K., Pathak, S., Pramanik, A.

Tetrahedron Letters, 2013, 54(31), pp. 4110–4115

Show abstract [View at Publisher](#) [Related documents](#)

19

Citations

Article

Diastereoselective synthesis of isoindole-fused diazacyclooctindenones from spirochromenes through domino reactions with aliphatic 1,2-diamines

Pathak, S., Pramanik, A.

European Journal of Organic Chemistry, 2013, (20), pp. 4410–4417

Show abstract [View at Publisher](#) [Related documents](#)

13

Citations

Article

Synthesis of biologically important phthalazinones, 2,3-benzoxazin-1-ones and isoindolinones from ninhydrin and their antimicrobial activity

Pathak, S., Debnath, K., Hossain, S.T., Mukherjee, S.K., Pramanik, A.

Tetrahedron Letters, 2013, 54(24), pp. 3137–3143

Show abstract [View at Publisher](#) [Related documents](#)

22

Citations

Article

Microwave assisted synthesis of 2,3-diaryl-6,7-dihydro-5H-pyrrolo[1,2 a]imidazoles through direct condensation of aryl 1,2-diketones and l-proline under solvent-free condition

Maity, S., Pathak, S., Pramanik, A.

Tetrahedron Letters, 2013, 54(20), pp. 2528–2532

Show abstract [View at Publisher](#) [Related documents](#)

11

Citations

Article

Synthesis of 1,2-diaryl-1H-indol-4-ols and 1,2-diaryl-7-ethoxy-1,5,6,7- tetrahydroindol-4-ones from arylglyoxals and enamines through domino reactions

Maity, S., Pathak, S., Pramanik, A.

European Journal of Organic Chemistry, 2013, (12), pp. 2479–2485

Show abstract [View at Publisher](#) [Related documents](#)

14

Citations

Article

Synthesis of 5-aryl-3H-[1,3,4]oxadiazol-2-ones from N'-(chloro-aryl-methylene)-tert-butylcarbazates using basic alumina as an efficient and recyclable surface under solvent-free condition

Debnath, K., Pathak, S., Pramanik, A.

Tetrahedron Letters, 2013, 54(8), pp. 896–899

Show abstract [View at Publisher](#) [Related documents](#)

10

Citations

Article

Synthesis and Fluorescence Properties of Isatin-Based Spiro
Compounds: Switch off Chemosensing of Copper(II) Ions

Kundu, A., Pathak, S., Pramanik, A.

Asian Journal of Organic Chemistry, 2013, 2(10), pp. 869–876

Show abstract  [View at Publisher](#)  [Related documents](#)

Article

Regioselective synthesis of two types of highly substituted 2-
pyridones through similar multicomponent reactions

Pathak, S., Kundu, A., Pramanik, A.

Tetrahedron Letters, 2012, 53(24), pp. 3030–3034

Show abstract  [View at Publisher](#)  [Related documents](#)

Article

Facile synthesis of substituted pyrrole-fused isocoumarins from
ninhydrin

Pathak, S., Kundu, A., Pramanik, A.

Tetrahedron Letters, 2011, 52(40), pp. 5180–5183

Show abstract  [View at Publisher](#)  [Related documents](#)

15
Citations

16
Citations

28
Citations

[Back to top](#)

Display 50 results 

About Scopus

[What is Scopus](#)

[Content coverage](#)

[Scopus blog](#)

[Scopus API](#)

[Privacy matters](#)

Language

[日本語版を表示する](#)

[查看简体中文版本](#)

[查看繁體中文版本](#)

[Просмотр версии на русском языке](#)

Customer Service

[Help](#)

[Tutorials](#)

[Contact us](#)

ELSEVIER

[Terms and conditions](#) ↗ [Privacy policy](#) ↗

Copyright © [Elsevier B.V](#) ↗ . All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

We use cookies to help provide and enhance our service and tailor content. By continuing, you agree to the [use of cookies](#) ↗.

