

Goutam Brahmachari

List of Publications by Year in descending order

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181
papers

3,521
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126708

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docs citations

240
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopic and Structural Investigations on Novel 6-Amino-3-Phenyl-4-(Pyridin-4-yl)-2,4-Dihydropyrano[2,3- <i>c</i>] Pyrazole-5-Carbonitrile by FT-IR, NMR, Docking, and DFT Methods. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 2288-2304.	1.4	4
2	Facile and Straightforward Synthesis of Racemic Version of Substituted 3-[3-(2-Hydroxyphenyl)-3-oxo-1-arylpropyl]-4-hydroxycoumarins: Easy Access to a Series of Biorelevant Warfarin Analogues. <i>Synthesis</i> , 2022, 54, 451-464.	1.2	10
3	Screening of Synthetic Heterocyclic Compounds as Antiplatelet Drugs. <i>Medicinal Chemistry</i> , 2022, 18, 536-543.	0.7	2
4	Spectroscopic Investigation of Electron-Releasing Functional Groups Substituted <i>N</i> -Iso-Butyl, <i>S</i> -2-Nitro-1-Phenylethyl Dithiocarbamate – A DFT Approach. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 6917-6931.	1.4	3
5	Synthesis, spectroscopic characterization, crystal structure, theoretical (DFT) studies and molecular docking analysis of biologically potent isopropyl 5-chloro-2-hydroxy-3-oxo-2,3-dihydrobenzofuran-2-carboxylate. <i>Molecular Crystals and Liquid Crystals</i> , 2022, 738, 106-127.	0.4	3
6	Visible-Light-Driven and Singlet Oxygen-Mediated Synthesis of Biologically Relevant 2-Hydroxyphenylated α -Ketoamides Through Decarboxylative Amidation of 4-Hydroxycoumarins. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	1.3	8
7	Metal-Free Sequential Amidation and Intramolecular C sp^2 C-H Direct Amination of Coumarin-3-carboxylic Acids under Ambient Conditions: Scope and Mechanistic Insights. <i>ChemistrySelect</i> , 2022, 7, .	0.7	2
8	Studies on the molecular structure of pterocaranol: A new biologically relevant nor-triterpenoid from <i>Peltophorum pterocarpum</i> (Fabaceae). <i>Journal of Molecular Structure</i> , 2022, 1254, 132390.	1.8	0
9	Synthesis, anticancer activities and experimental-theoretical DNA interaction studies of 2-amino-4-phenyl-4H-benzo[<i>h</i>]chromene-3-carbonitrile. <i>European Journal of Medicinal Chemistry Reports</i> , 2022, 4, 100030.	0.6	6
10	Electrochemical and mechanochemical synthesis of dihydrofuro[3,2- <i>c</i>]chromenones via intramolecular C sp^3 C-H cross-dehydrogenative oxygenation within warfarin frameworks: an efficient and straightforward dual approach. <i>Green Chemistry</i> , 2022, 24, 2825-2838.	4.6	12
11	The druggability of the ATP binding site of glycogen phosphorylase kinase probed by coumarin analogues. <i>Current Research in Chemical Biology</i> , 2022, 2, 100022.	1.4	4
12	Visible-Light-Promoted Intramolecular C=O Bond Formation via C sp^3 C-H Functionalization: A Straightforward Synthetic Route to Biorelevant Dihydrofuro[3,2- <i>c</i>]chromenone Derivatives. <i>Journal of Organic Chemistry</i> , 2022, 87, 4777-4787.	1.7	10
13	A selective luminescent probe to monitor cellular ATP: Potential application for in vivo imaging in zebrafish embryo. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 428, 113895.	2.0	1
14	Photochemical and electrochemical regioselective cross-dehydrogenative C sp^2 C-H sulfenylation and selenylation of substituted benzo[<i>a</i>]phenazin-5-ols. <i>New Journal of Chemistry</i> , 2022, 46, 13483-13497.	1.4	12
15	Structural confirmation and spectroscopic signature of N-Allyl-2-hydroxy-5-methyl-3-oxo-2,3-dihydrobenzofuran-2-carboxamide and its monohydrate cluster. <i>Journal of Molecular Structure</i> , 2022, 1267, 133566.	1.8	2
16	Amelioration of oxidative stress mediated inflammation and apoptosis in pancreatic islets by Lupeol in STZ-induced hyperglycaemic mice. <i>Life Sciences</i> , 2022, 305, 120769.	2.0	5
17	Structural confirmation of biorelevant molecule N-iso-butyl, S-2-nitro-1-phenylethyl dithiocarbamate in gas phase and effect of fluorination. <i>Chemical Physics Letters</i> , 2021, 762, 138124.	1.2	11
18	Catalyst- and solvent-free C sp^2 C-H functionalization of 4-hydroxycoumarins via C-3 dehydrogenative aza-coupling under ball-milling. <i>Green Chemistry</i> , 2021, 23, 4762-4770.	4.6	21

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19	Green synthetic approaches for biologically relevant 2-amino-4H-pyrans and 2-amino-4H-pyran-annulated heterocycles in aqueous media. , 2021, , 471-504.		3
20	Self-catalytic techniques for the synthesis of biologically relevant heterocyclic scaffolds at room temperature: a recent update. , 2021, , 563-587.		0
21	Crystal structure, Hirshfeld surface analysis, and molecular docking studies of 3,3-bis-(4-(trifluoromethyl)phenyl) methylenebis(1-methyl-1H-indole). Molecular Crystals and Liquid Crystals, 2021, 714, 67-79.	0.4	0
22	Ultrasound-Assisted Expeditious Catalyst-Free Green Approach towards Diastereoselective Synthesis of Spiro[indoline-3,2-pyrido[2,1-b][1,3]oxazine]-3,4-dicarboxylate Scaffolds. ChemistrySelect, 2021, 6, 1263-1270.		
23	Development of a straightforward and efficient protocol for the one-pot multicomponent synthesis of substituted α -aminoallylphosphonates under catalyst-free condition. Phosphorus, Sulfur and Silicon and the Related Elements, 2021, 196, 769-779.	0.8	1
24	Visible Light-Driven and Singlet Oxygen-Mediated Photochemical Cross-Dehydrogenative C ₃ -H Sulfenylation of 4-Hydroxycoumarins with Thiols Using Rose Bengal as a Photosensitizer. Journal of Organic Chemistry, 2021, 86, 9658-9669.	1.7	30
25	In vivo therapeutic evaluation of a novel bis-lawsone derivative against tumor following delivery using mesoporous silica nanoparticle based redox-responsive drug delivery system. Materials Science and Engineering C, 2021, 126, 112142.	3.8	22
26	Conformational and vibrational spectroscopic investigation of N-n-butyl, S-2-nitro-1-(p-tolyl)ethyl dithiocarbamate a bio-relevant sulfur molecule. Journal of Molecular Structure, 2021, 1238, 130450.	1.8	8
27	Ultrasound-promoted Organic Synthesis - A Recent Update. Current Organic Chemistry, 2021, 25, 1539-1565.	0.9	6
28	Crystallographic structure, activity prediction, and hydrogen bonding analysis of some CSD-based 3,3'-bis-indole derivatives: A review. European Journal of Chemistry, 2021, 12, 493-501.	0.3	0
29	Target prioritization of novel substituted 5-aryl-2-oxo-2,3-dihydro-1H-benzo[6,7]chromeno[2,3-d]pyrimidine-4,6,11(5H)-triones as anticancer agents using in-silico approach. Journal of Biomolecular Structure and Dynamics, 2020, 38, 1415-1424.	2.0	2
30	FT-IR, UV-visible, and NMR Spectral Analyses, Molecular Structure, and Properties of Nevadensin Revealed by Density Functional Theory and Molecular Docking. Polycyclic Aromatic Compounds, 2020, 40, 540-552.	1.4	3
31	One-pot multicomponent synthesis of a new series of curcumin-derived 4H-pyrans under ambient conditions. Journal of Heterocyclic Chemistry, 2020, 57, 744-750.	1.4	9
32	Synthesis, structural and vibrational spectroscopic investigation of molecules: N-n-butyl, S-2-nitro-1-phenylethyl dithiocarbamate and N-n-butyl, S-2-nitro-1-(4-fluorophenyl)ethyl dithiocarbamate. Vibrational Spectroscopy, 2020, 111, 103151.	1.2	9
33	X-Ray Crystal Structure Analysis of Novel 6-Amino-3-Phenyl-4-(Pyridin-4-yl)-2,4-Dihydropyrano[2,3-c]pyrazole-5-Carbonitrile. Crystallography Reports, 2020, 65, 1202-1207.	0.1	1
34	Diethyl (2-Amino-3-Cyano-4H-Chromen-4-yl)Phosphonate and Its Halogenated Derivatives as Effective Drug: A Theoretical and an Experimental Spectroscopic Study. Polycyclic Aromatic Compounds, 2020, , 1-18.	1.4	0
35	Catalyst- and Additive-Free Decarboxylative C ₄ Phosphorylation of Coumarin-3-Carboxylic Acids at Ambient Conditions. Advanced Synthesis and Catalysis, 2020, 362, 5411-5421.	2.1	21
36	Structural, spectroscopic analysis of two hexahydroacridine-1,8(2H,5H)-dione derivatives and identification of drug like properties: Experimental and computational study. Materials Today: Proceedings, 2020, 29, 1050-1054.	0.9	0

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37	Series of Functionalized 5-(2-Arylimidazo[1,2-a]pyridin-3-yl)pyrimidine-2,4(1H,3H)-diones: A Water-Mediated Three-Component Catalyst-Free Protocol Revisited. <i>Journal of Organic Chemistry</i> , 2020, 85, 8405-8414.	1.7	17
38	Visible Light-Induced and Singlet Oxygen-Mediated Photochemical Conversion of 4-Hydroxy-1-benzopyrones to 2-Hydroxy-3-oxo-2,3-dihydrobenzofuran-2-carboxamides/carboxylates Using Rose Bengal as a Photosensitizer. <i>Journal of Organic Chemistry</i> , 2020, 85, 8851-8864.	1.7	31
39	Nano-SiO ₂ @ [DABCO(CH ₂ CH ₂ CO ₂ H)]+[Br] ⁻ as an efficient and recyclable SCILL for water mediated facile synthesis of thiol-substituted N-aryl pentasubstituted pyrroles. <i>Catalysis Communications</i> , 2020, 139, 105966.	1.6	6
40	Green synthetic approaches in organophosphorus chemistry: recent developments. <i>Organophosphorus Chemistry</i> , 2020, , 377-389.	0.3	0
41	Design, Synthesis, Characterization, and Crystallographic Behaviors of Some Biologically Important Chromene-Annulated Spiro-Oxindoles: A Drive to Introspect the Comparative Structural Information. <i>Crystallography Reports</i> , 2020, 65, 1179-1186.	0.1	0
42	Synthesis, Characterization, and Crystal Structure of [3,3':3'',3'''-Terindolin]-2'-One Bis(dimethyl) Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 5	0.1	0
43	¹³ C Acetoxylation of Diversely Substituted (1-E-(Arylmethylene)-2-phenylhydrazines Using PhI(OAc) ₂ as Acetoxy Source at Ambient Conditions. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5925-5933.	1.2	5
44	Discovery and development of anti-inflammatory agents from natural products. , 2019, , 1-6.		4
45	6-Gingerol. , 2019, , 283-295.		1
46	Lupeol alters viability of SK-RC-45 (Renal cell carcinoma cell line) by modulating its mitochondrial dynamics. <i>Heliyon</i> , 2019, 5, e02107.	1.4	21
47	Ultrasound-assisted and trisodium citrate dihydrate-catalyzed green protocol for efficient and one-pot synthesis of substituted chromeno[3,4-b:4',5'-d]pyrano[2,3-d]pyrimidines at ambient conditions. <i>Tetrahedron Letters</i> , 2019, 60, 1904-1908.	0.7	29
48	Ceric Ammonium Nitrate (CAN): An Efficient and Eco-Friendly Catalyst for One-Pot Synthesis of Diversely Functionalized Biscoumarins in Aqueous Medium under Ambient Conditions. <i>ChemistrySelect</i> , 2019, 4, 5415-5420.	0.7	20
49	Sopherone A and B: Two new biologically relevant dibenzo-1-pyrones from <i>Cassia sophera</i> . <i>FÄ-toterapÄ-Äc</i> , 2019, 136, 104169.	1.1	2
50	Alum (KAl(SO ₄) ₂ .12H ₂ O) - An Eco-friendly and Versatile Acid-catalyst in Organic Transformations: A Recent Update. <i>Current Green Chemistry</i> , 2019, 6, 12-31.	0.7	6
51	Therapeutics from natural products against neglected tropical diseases: an overview. , 2019, , 1-6.		1
52	Aloe vera: a promising hope against Buruli ulcer. , 2019, , 373-383.		1
53	Total synthetic approaches for lucidone: a promising natural lead candidate against dengue infection. , 2019, , 407-412.		0
54	Camphor-10-Sulfonic Acid (CSA): A Water Compatible Organocatalyst in Organic Transformations. <i>Current Organocatalysis</i> , 2019, 5, 165-181.	0.3	10

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55	Sodium Formate-Catalyzed One-Pot Synthesis of Functionalized Spiro[indoline-3,5-pyrido[2,3-d]pyrimidine]/Spiro[acenaphthylene-1,5-pyrido[2,3-d]pyrimidine] Derivatives. <i>ChemistrySelect</i> , 2019, 4, 2363-2367.	1.1	12
56	Ultrasound-Promoted Expedient and Green Synthesis of Diversely Functionalized 6-Amino-5-((4-hydroxy-2-oxo-2H-chromen-3-yl)(aryl)methyl)pyrimidine-2,4(1H,3H)-diones via One-Pot Multicomponent Reaction under Sulfamic Acid Catalysis at Ambient Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 6369-6380.	3.2	35
57	Diversely Functionalized N-Alkyl/Substituted alkyl, S-Nitroethyl Dithiocarbamates: Green Synthesis, Large Scale Application, and Insights in Reaction Mechanism. <i>ChemistrySelect</i> , 2019, 4, 747-751.	0.7	8
58	Green synthetic approaches in organophosphorus chemistry: recent developments. <i>Organophosphorus Chemistry</i> , 2019, , 424-439.	0.3	0
59	A Facile Synthetic Route to Biologically Relevant Substituted 1,4-Naphthoquinonyl-oxoindolinylpyrimidines Under Metal-Free Organocatalytic Conditions. <i>ChemistrySelect</i> , 2018, 3, 3621-3625.	0.7	11
60	Sulfamic Acid-Catalyzed One-Pot Synthesis of a New Series of Biologically Relevant Indole-Uracil Molecular Hybrids in Water at Room Temperature. <i>ChemistrySelect</i> , 2018, 3, 3400-3405.	0.7	13
61	Biosynthetic and Total Synthetic Approaches for (+)-Hyperforin. , 2018, , 435-456.		0
62	Molecular Modeling, Spectroscopic Investigations, and Computational Studies of DMSO solvated 7-amino-1,3-dimethyl-2,2,4-trioxo-1,2,3,4,4a,8a-tetrahydrospiro[indoline-3,5-pyrano[2,3-d]pyrimidine] Derivatives. <i>Journal of Structural Chemistry</i> , 2018, 59, 235-244.		10
63	Highly functionalized piperidines: Free radical scavenging, anticancer activity, DNA interaction and correlation with biological activity. <i>Journal of Advanced Research</i> , 2018, 9, 51-61.	4.4	36
64	Structure, spectroscopic analyses (FT-IR and NMR), vibrational study, chemical reactivity and molecular docking study on 3,3'-((4-(trifluoromethyl)phenyl)methylene)bis(2-hydroxynaphthalene-1,4-dione), a promising anticancerous bis-lawsone derivative. <i>Journal of Molecular Structure</i> , 2018, 1154, 596-605.	1.8	7
65	One-Pot Pseudo Five Component Synthesis of Biologically Relevant 1,2,6-Triaryl-4-arylamino-piperidine-carboxylates: A Decade Update. <i>ChemistrySelect</i> , 2018, 3, 9892-9910.	0.7	22
66	11. P-Chemistry at ambient conditions: A recent update. , 2018, , 214-231.		0
67	Discovery and Development of Neuroprotective Agents From Natural Products. , 2018, , 1-7.		7
68	Ultrasound-Assisted Expedient and Green Synthesis of a New Series of Diversely Functionalized 7-Aryl/heteroarylchromeno[4,3-d]pyrido[1,2-a]pyrimidin-6(7H)-ones via One-Pot Multicomponent Reaction under Sulfamic Acid Catalysis at Ambient Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 11018-11028.	3.2	40
69	Synthesis of Biologically Relevant Heterocycles in Aqueous Media. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1982-2004.	1.3	16
70	Triethylamine - A Versatile Organocatalyst in Organic Transformations: A Decade Update. <i>Synthesis</i> , 2018, 50, 4145-4164.	1.2	14
71	Crystal Structure of Ethyl 6-Amino-5-cyano-4-(4-fluorophenyl)-2,4-dihydroprano[2,3-c]pyrazole-3-carboxylate. <i>Crystallography Reports</i> , 2018, 63, 388-393.	0.1	0
72	Camphorsulfonic Acid (CSA): An Efficient Organocatalyst for the Synthesis or Derivatization of Heterocycles with Biologically Promising Activities. <i>Current Green Chemistry</i> , 2018, 5, 150-167.	0.7	39

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73	Andrographolide. , 2017, , 1-27.		2
74	Structural confirmation, single X-ray crystallographic behavior, molecular docking and other physico-chemical properties of gerberinol, a natural dimethyl dicoumarol from <i>Gerbera lanuginosa</i> Benth. (Compositae). <i>Journal of Molecular Structure</i> , 2017, 1136, 214-221.	1.8	12
75	Neuroprotective Natural Products: Clinical Aspects and Modes of Action - An Overview. , 2017, , 1-6.		0
76	Bismuth Nitrate Catalyzed One-Pot Multicomponent Synthesis of a Novel Series of Diversely Substituted 1,8-Dioxodecahydroacridines at Room Temperature. <i>ChemistrySelect</i> , 2017, 2, 3311-3316.	0.7	23
77	Facile and Chemically Sustainable Catalyst-Free Synthesis of Diverse 2-Aryl-4-Alkyl/aryl-Pyrano[3,2-c]chromen-5(4H)-ones by One-Pot Multicomponent Reactions at 17 Room Temperature. <i>ChemistrySelect</i> , 2017, 2, 3695-3702.		0
78	Experimental and quantum chemical studies on poriferasterol – A natural phytosterol isolated from <i>Cassia sophora</i> Linn. (Caesalpinaceae). <i>Journal of Molecular Structure</i> , 2017, 1143, 184-191.	1.8	4
79	Development of a Water-Mediated and Catalyst-Free Green Protocol for Easy Access to a Huge Array of Diverse and Densely Functionalized Pyrido[2,3-d:6,5-d']dipyrimidines via One-Pot Multicomponent Reaction under Ambient Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 9494-9505.	3.2	50
80	Synthesis, spectral characterization, and single crystal structure studies of biologically relevant bis-indoline heterocyclic scaffold. <i>Crystallography Reports</i> , 2017, 62, 889-893.	0.1	1
81	7,8-Dihydroxy-3-methylisochroman-4-one: A Promising Anti-hypertensive Lead-Molecule from Banana (<i>Musa sapientum</i> L.) Peel. , 2017, , 319-330.		0
82	Lipase-Catalyzed Organic Transformations. , 2017, , 325-346.		3
83	Spectral (FT-IR, NMR) Analyses, Molecular Structures, and Chemical Bonding of Two Hexahydroacridine-1,8(2H,5H)-dione Derivatives: A Comparative Quantum Chemical Study. <i>Polycyclic Aromatic Compounds</i> , 2017, 37, 426-441.	1.4	0
84	Cardioprotective Natural Products: Promises and Hopes – An Overview. , 2017, , 1-8.		1
85	Catalyst-Free One-Pot Three-Component Synthesis of Diversely Substituted 5-Aryl-2-oxo-thioxo-2,3-dihydro-1H-benzo[6,7]chromeno[2,3-d]pyrimidine-4,6,11(5H)-triones 1.6 Under Ambient Conditions. <i>ACS Omega</i> , 2017, 2, 5025-5035.		35
86	Trisodium Citrate Dihydrate-Catalyzed One-Pot Three-component Synthesis of Biologically Relevant Diversely Substituted 2-Amino-3-Cyano-4-(3-Indolyl)-4H-Chromenes under Eco-Friendly Conditions. <i>Current Green Chemistry</i> , 2017, 3, 248-258.	0.7	11
87	Editorial: Current Trends in Organic Syntheses: Advances in Green Chemistry Research – Part-II. <i>Current Green Chemistry</i> , 2017, 3, 278-278.	0.7	0
88	Editorial: Current Trends in Organic Syntheses: Advances in Green Chemistry Research - Part-I. <i>Current Green Chemistry</i> , 2017, 3, 194-194.	0.7	0
89	Frontiers in Drug Discovery. , 2017, , .		0
90	Editorial (Thematic Issue: Recent Advances in Organocatalysis). <i>Current Organocatalysis</i> , 2016, 3, 92-92.	0.3	0

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109	Synthesis, characterization, and crystal structure of 2-amino-7-methyl-5-oxo-4-phenyl-4,5-dihydropyrano[3,2-c]pyran-3-carbonitrile. <i>Crystallography Reports</i> , 2015, 60, 1126-1130.	0.1	1
110	Green Synthetic Approaches for Biologically Relevant 2-amino-4H-pyrans and 2-amino-4H-pyran-Annulated Heterocycles in Aqueous Media. , 2015, , 185-208.		10
111	Green Synthetic Approaches for Biologically Relevant Heterocycles. , 2015, , 1-6.		29
112	Sulfamic Acid-Catalyzed One-Pot Room Temperature Synthesis of Biologically Relevant Bis-Lawsone Derivatives. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 2058-2066.	3.2	39
113	Ceric ammonium nitrate (CAN): an efficient and eco-friendly catalyst for the one-pot synthesis of alkyl/aryl/heteroaryl-substituted bis(6-aminouracil-5-yl)methanes at room temperature. <i>RSC Advances</i> , 2015, 5, 39263-39269.	1.7	34
114	Carbon – Phosphorus Bond Forming Reactions at Room Temperature. , 2015, , 273-297.		0
115	Carbon – Carbon Bond Forming Reactions at Room Temperature. , 2015, , 1-73.		1
116	Carbon – Nitrogen Bond Forming Reactions at Room Temperature. , 2015, , 75-188.		0
117	Carbon – Oxygen Bond Forming Reactions at Room Temperature. , 2015, , 189-240.		0
118	Combined experimental (FT-IR, UV–visible spectra, NMR) and theoretical studies on the molecular structure, vibrational spectra, HOMO, LUMO, MESP surfaces, reactivity descriptor and molecular docking of Phomarin. <i>Journal of Molecular Structure</i> , 2015, 1096, 94-101.	1.8	44
119	Room Temperature One-Pot Green Synthesis of Coumarin-3-carboxylic Acids in Water: A Practical Method for the Large-Scale Synthesis. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 2350-2358.	3.2	75
120	Synthesis, spectroscopic characterization, X-ray analysis and theoretical studies on the spectral features (FT-IR, ¹ H-NMR), chemical reactivity, NBO analyses of 2-(4-fluorophenyl)-2-(4-fluorophenylamino)acetonitrile and its docking into IDO enzyme. <i>RSC Advances</i> , 2015, 5, 80967-80977.	1.7	8
121	X-ray studies of 2-amino-5-oxo-4-propyl-4,5-dihydropyrano[3,2-c]chromene-3-carbonitrile. <i>Crystallography Reports</i> , 2015, 60, 865-868.	0.1	0
122	Synthesis, characterization, and crystal structure of 2-amino-5-oxo-4-phenyl-4,5-dihydropyrano[3,2-c]chromene-3-carbonitrile. <i>Crystallography Reports</i> , 2015, 60, 1142-1146.	0.1	1
123	Sodium Formate–Catalyzed One–Pot Synthesis of Benzopyranopyrimidines and 4–Thio–substituted 4 <i>H</i> –Chromenes via Multicomponent Reaction at Room Temperature. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 653-659.	1.4	36
124	Hippocampal Neurogenesis, Neurotrophic Factors and Depression: Possible Therapeutic Targets?. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 13, 1708-1721.	0.8	71
125	Catalyst-Free Organic Synthesis At Room Temperature in Aqueous and Non-Aqueous Media: An Emerging Field of Green Chemistry Practice and Sustainability. <i>Current Green Chemistry</i> , 2015, 2, 274-305.	0.7	52
126	Sunlight-induced rapid and efficient biogenic synthesis of silver nanoparticles using aqueous leaf extract of <i>Ocimum sanctum</i> Linn. with enhanced antibacterial activity. <i>Organic and Medicinal Chemistry Letters</i> , 2014, 4, 18.	2.0	44

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127	Ammonium Chloride Catalysed One-pot Multicomponent Synthesis of 1,8-dioxo-octahydroxanthenes and <i>N</i> -aryl-1,8-dioxodecahydroacridines Under Solvent Free Conditions. <i>Journal of Chemical Research</i> , 2014, 38, 745-750.	0.6	39
128	Crystal structure of 2-(4-nitrophenyl)-2-(phenylamino)propanenitrile and 2-(4-fluorophenylamino)-2-(4-nitrophenyl)propanenitrile. <i>Crystallography Reports</i> , 2014, 59, 1037-1041.	0.1	0
129	2-[4-(Piperidin-1-yl)-5H-chromeno[2,3-d]pyrimidin-2-yl]phenol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o447-o448.	0.2	2
130	6-Amino-3-methyl-4-(3,4,5-trimethoxyphenyl)-2,4-dihydropyrano[2,3-c]pyrazole-5-carbonitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o875-o876.	0.2	4
131	Crystal structure of 5,5-[[4-fluorophenyl)methylene]bis[6-amino-1,3-dimethylpyrimidine-2,4(1H,3H)-dione]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o1098-o1099.	0.2	1
132	l-Proline catalyzed multicomponent one-pot synthesis of gem-diheteroarylmethane derivatives using facile grinding operation under solvent-free conditions at room temperature. <i>RSC Advances</i> , 2014, 4, 7380.	1.7	65
133	Eco-Friendly, One-Pot Multicomponent Synthesis of Pyran Annulated Heterocyclic Scaffolds at Room Temperature Using Ammonium or Sodium Formate as Non-toxic Catalyst. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, E303.	1.4	53
134	One-Pot Synthesis of α -(<i>N</i> -alkylanilino)(aryl)methyl]indoles via a Transition Metal Assisted Three-Component Condensation at Room Temperature. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, E140.	1.4	16
135	Facile and One-Pot Access of 3,3-Bis(indol-3-yl)indolin-2-ones and 2,2-Bis(indol-3-yl)acenaphthylene-1(2 <i>H</i>)-one Derivatives via an Eco-Friendly Pseudo-Multicomponent Reaction at Room Temperature Using Sulfamic Acid as an Organo-Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 2802-2812.	3.2	77
136	Ethyl 6-amino-5-cyano-4-phenyl-2,4-dihydropyrano[2,3-c]pyrazole-3-carboxylate dimethyl sulfoxide monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o795-o796.	0.2	4
137	Nano-MgO-Catalyzed One-Pot Synthesis of Phosphonate Ester Functionalized 2-Amino-3-Cyano-4 <i>H</i> -Chromene Scaffolds at Room Temperature. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2014, 189, 873-888.	0.8	38
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