

Swapandeep S Chimni

List of Publications by Year in descending order

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123
papers

3,551
citations

136885

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162
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times ranked

3260
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#	ARTICLE	IF	CITATIONS
1	Biodegradation of azo dye C.I. Acid Red 88 by an anoxic-aerobic sequential bioreactor. <i>Dyes and Pigments</i> , 2006, 70, 1-7.	2.0	200
2	Decolorization of various azo dyes by bacterial consortium. <i>Dyes and Pigments</i> , 2005, 67, 55-61.	2.0	196
3	Organocatalytic asymmetric synthesis of 3-amino-2-oxindole derivatives bearing a tetra-substituted stereocenter. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 343-356.	1.8	168
4	Comparative studies on potential of consortium and constituent pure bacterial isolates to decolorize azo dyes. <i>Water Research</i> , 2005, 39, 5135-5141.	5.3	155
5	Catalytic asymmetric synthesis of 3-hydroxyoxindole: a potentially bioactive molecule. <i>RSC Advances</i> , 2012, 2, 9748.	1.7	122
6	Asymmetric Organocatalytic Addition Reactions of Maleimides: A Promising Approach Towards the Synthesis of Chiral Succinimide Derivatives. <i>Chemistry - an Asian Journal</i> , 2013, 8, 328-346.	1.7	116
7	Small organic molecule catalyzed enantioselective direct aldol reaction in water. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 2108-2119.	1.8	100
8	Protonated chiral prolinamide catalyzed enantioselective direct aldol reaction in water. <i>Tetrahedron Letters</i> , 2005, 46, 5617-5619.	0.7	96
9	Stereoselective synthesis of 3-amino-2-oxindoles from isatin imines: new scaffolds for bioactivity evaluation. <i>RSC Advances</i> , 2015, 5, 52481-52496.	1.7	92
10	Asymmetric Addition of Indoles to Isatins Catalysed by Bifunctional Modified Cinchona Alkaloid Catalysts. <i>Chemistry - A European Journal</i> , 2010, 16, 7709-7713.	1.7	86
11	Mechanochemistry assisted asymmetric organocatalysis: A sustainable approach. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 2132-2141.	1.3	80
12	Protonated (S)-prolinamide derivatives-water compatible organocatalysts for direct asymmetric aldol reaction. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 2276-2284.	1.8	73
13	Asymmetric Organocatalytic Aza-Friedel-Crafts Reaction of Naphthols with N-Sulfonyl Imines. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 1636-1640.	1.2	72
14	Aromatic hydroxyl group-a hydrogen bonding activator in bifunctional asymmetric organocatalysis. <i>RSC Advances</i> , 2012, 2, 737-758.	1.7	72
15	Recent developments in the asymmetric hydrolytic ring opening of epoxides catalysed by microbial epoxide hydrolase. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 2879-2898.	1.8	62
16	Recent advances in asymmetric organocatalytic conjugate addition of arenes and hetero-arenes. <i>RSC Advances</i> , 2012, 2, 6117.	1.7	60
17	Electron deficiency of aldehydes controls the pyrrolidine catalyzed direct cross-aldol reaction of aromatic/heterocyclic aldehydes and ketones in water. <i>Tetrahedron</i> , 2005, 61, 5019-5025.	1.0	53
18	Catalytic synthesis of 3-aminooxindoles via addition to isatin imine: an update. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 3328-3347.	1.5	51

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19	Organocatalyzed direct asymmetric aldol reaction of isatins in water: low catalyst loading in command. <i>Tetrahedron</i> , 2013, 69, 5197-5204.	1.0	50
20	Isolation and characterization of microorganisms capable of decolorizing various triphenylmethane dyes. <i>Journal of Basic Microbiology</i> , 2004, 44, 59-65.	1.8	49
21	Organocatalytic enantioselective aza-Henry reaction of ketimines derived from isatins: access to optically active 3-amino-2-oxindoles. <i>RSC Advances</i> , 2014, 4, 24816-24819.	1.7	41
22	Asymmetric syn-selective direct aldol reaction of protected hydroxyacetone catalyzed by primary amino acid derived bifunctional organocatalyst in the presence of water. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 2731.	1.5	39
23	DFT investigation on nonlinear optical (NLO) properties of novel borazine derivatives. <i>Computational and Theoretical Chemistry</i> , 2016, 1086, 58-66.	1.1	39
24	The pH of the reaction controls the stereoselectivity of organocatalyzed direct aldol reactions in water. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1722-1724.	1.8	37
25	Cinchona-derived thiourea catalyzed hydrophosphonylation of ketimines – an enantioselective synthesis of β -amino phosphonates. <i>Tetrahedron</i> , 2014, 70, 7044-7049.	1.0	37
26	Biological treatment of textile dye Acid violet-17 by bacterial consortium in an up-flow immobilized cell bioreactor. <i>Letters in Applied Microbiology</i> , 2004, 38, 345-350.	1.0	36
27	Purification and properties of a novel extra-cellular thermotolerant metalloproteinase of <i>Bacillus coagulans</i> MTCC-6375 isolate. <i>Protein Expression and Purification</i> , 2006, 46, 421-428.	0.6	36
28	Facile Construction of Vicinal Quaternary and Tertiary Stereocenters <i>via</i> Regio- and Stereoselective Organocatalytic Michael Addition to Nitrodienes. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 3203-3212.	2.1	36
29	Organocatalytic enantioselective aza-Friedel-Crafts reaction of sesamol with N-sulfonylimines catalyzed by 6-OH Cinchona alkaloids. <i>Tetrahedron Letters</i> , 2013, 54, 4613-4616.	0.7	35
30	Organocatalytic Asymmetric Direct Aldol Reaction of Pyruvic Aldehyde Dimethyl Acetal with Isatin Derivatives. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4780-4786.	1.2	35
31	Novel indium-mediated ternary reactions between indole-3-carboxaldehydes – allyl bromide – enamines: facile synthesis of bisindolyl- and indolyl-heterocyclic alkanes. <i>Tetrahedron Letters</i> , 2003, 44, 2101-2104.	0.7	34
32	Synthesis of β -adrenergic blockers (R)-(β)-nifenalol and (S)-(+)-sotalol via a highly efficient resolution of a bromohydrin precursor. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 717-725.	1.8	34
33	β , γ -Dicyanoolefins: versatile substrates in organocatalytic asymmetric transformations. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 7832-7847.	1.5	34
34	Recent Developments on Thiourea Based Anticancer Chemotherapeutics. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2015, 15, 163-175.	0.9	34
35	Organocatalytic asymmetric Friedel-Crafts reaction of 1-naphthols with isatins: an enantioselective synthesis of 3-aryl-3-hydroxy-2-oxindoles. <i>Tetrahedron Letters</i> , 2014, 55, 2138-2141.	0.7	33
36	Chiral Squaramide-Catalyzed Enantioselective Decarboxylative Addition of β -Keto Acids to Isatin Imines. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1725-1734.	2.1	33

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37	Thiourea catalyzed aminolysis of epoxides under solvent free conditions. Electronic control of regioselective ring opening. <i>Tetrahedron</i> , 2010, 66, 3042-3049.	1.0	32
38	Novel bisstyryl derivatives of bakuchiol: Targeting oral cavity pathogens. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 3125-3134.	2.6	32
39	Catalyst-Controlled Structural Divergence: Selective Intramolecular 7-endo-dig and 6-exo-dig Post-Ugi Cyclization for the Synthesis of Benzoxazepinones and Benzoxazinones. <i>Journal of Organic Chemistry</i> , 2018, 83, 57-68.	1.7	32
40	<i>Bacillus alcalophilus</i> MTCC10234 catalyzed enantioselective kinetic resolution of aryl glycidyl ethers. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010, 63, 128-134.	1.8	30
41	Chemoenzymatic synthesis of optically active heterocyclic homoallylic and homopropargylic alcohols. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 2679-2687.	1.8	28
42	Phenanthridine-Fused Tetracyclic Ring System: Metal-Free Diastereoselective Modular Construction of Highly Constrained Polyheterocycles via Post-Ugi Tandem Modifications. <i>Organic Letters</i> , 2019, 21, 6726-6730.	2.4	28
43	Grinding-Assisted Asymmetric Organocatalysis: A Solvent-free Approach to the Formation of Vicinal Quaternary and Tertiary Stereocenters. <i>Asian Journal of Organic Chemistry</i> , 2012, 1, 138-141.	1.3	27
44	Organocatalytic Asymmetric Friedel-Crafts Reaction of Sesamol with Isatins: Access to Biologically Relevant 3-Aryl-3-hydroxy-2-oxindoles. <i>Chemistry - an Asian Journal</i> , 2014, 9, 1305-1310.	1.7	27
45	Recent Advances in Iodine Monochloride Mediated Electrophilic Cyclizations. <i>Synthesis</i> , 2015, 47, 1961-1989.	1.2	27
46	Methods for inhibition of residual lipase activity in colorimetric assay: a comparative study. <i>Indian Journal of Biochemistry and Biophysics</i> , 2005, 42, 233-7.	0.2	27
47	Effect of Solvents and Kinetic Parameters on Synthesis of Ethyl Propionate Catalysed by Poly (AAc-co-HPMA-cl-MBAm)-Matrix-Immobilized Lipase of <i>Pseudomonas aeruginosa</i> BTS-2.. <i>World Journal of Microbiology and Biotechnology</i> , 2005, 21, 1037-1044.	1.7	26
48	Acid catalysed enamine induced transformations of 1,3-dimethyl-5-formyluracil. A unique annulation reaction with enamines. <i>Tetrahedron</i> , 1995, 51, 12775-12780.	1.0	25
49	Maleimide as an efficient nucleophilic partner in the aza-Morita-Baylis-Hillman reaction: synthesis of chiral 3-substituted-3-aminooxindoles. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 5629-5635.	1.5	24
50	The formation of novel 1,3-dioxolanes: atypical Baylis-Hillman reaction of a sesquiterpene lactone parthenin. <i>Tetrahedron Letters</i> , 2007, 48, 955-960.	0.7	23
51	Short-chain ester synthesis by transesterification employing poly (MAc-co-DMA-cl-MBAm) hydrogel-bound lipase of <i>Bacillus coagulans</i> MTCC-6375. <i>Journal of Applied Polymer Science</i> , 2008, 109, 1063-1071.	1.3	22
52	Kinetic resolution of 1-chloro-3-(1-naphthylloxy)-2-propanol, an intermediate in the synthesis of β -adrenergic receptor blockers. <i>Bioorganic Chemistry</i> , 2003, 31, 259-269.	2.0	21
53	Recent advances in the catalytic synthesis of 3-aminooxindoles: an update. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 4692-4708.	1.5	21
54	Properties of poly(AAc-co-HPMA-cl-EGDMA) hydrogel-bound lipase of <i>Pseudomonas aeruginosa</i> MTCC-4713 and its use in synthesis of methyl acrylate. <i>Journal of Applied Polymer Science</i> , 2007, 104, 183-191.	1.3	20

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55	Grinding assisted, column chromatography free decarboxylative carbon-carbon bond formation: Greener synthesis of 3, 3-disubstituted oxindoles. <i>Tetrahedron</i> , 2017, 73, 802-808.	1.0	20
56	Biodegradation of acid blue-15, a textile dye, by an up-flow immobilized cell bioreactor. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2004, 31, 109-114.	1.4	19
57	Allyl tetrahydropyranyl ether: a versatile alcohol/thiol protecting reagent. <i>Tetrahedron Letters</i> , 2009, 50, 6236-6240.	0.7	19
58	Trigger factor assisted folding of the recombinant epoxide hydrolases identified from <i>C. pelagibacter</i> and <i>S. nassauensis</i> . <i>Protein Expression and Purification</i> , 2014, 104, 71-84.	0.6	19
59	<i>Humicola lanuginosa</i> lipase-catalyzed enantioselective resolution of β^2 -hydroxy sulfides: versatile synthons for enantiopure β^2 -hydroxy sulfoxides. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 2457-2462.	1.8	18
60	A simple one-step protocol for the olefination of vinylogous formamides. <i>Tetrahedron Letters</i> , 2004, 45, 3409-3412.	0.7	18
61	Organocatalytic Enantioselective Morita-Baylis-Hillman Reaction of Maleimides with Isatins. <i>Asian Journal of Organic Chemistry</i> , 2013, 2, 586-592.	1.3	17
62	Primary-tertiary diamine-catalyzed Michael addition of ketones to isatylidenemalononitrile derivatives. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 929-935.	1.3	17
63	Chiral amine catalyzed enantio- and diastereoselective Michael reaction in brine. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 1068-1079.	1.8	16
64	Cinchonidine thiourea catalyzed asymmetric addition of phenols to oxindole derivatives. <i>RSC Advances</i> , 2014, 4, 62367-62374.	1.7	16
65	Bioreduction of a carbon-nitrogen double bond using immobilized baker's yeast™ a first report. <i>World Journal of Microbiology and Biotechnology</i> , 1998, 14, 247-250.	1.7	15
66	2,4-Dinitrophenol-Catalyzed β^2 -H and C(sp) ³ -H Bond Functionalization of Cyclic Amines and Alkynes: Highly Regio- and Diastereoselective Synthesis of β^2 -Alkynyl- β^2 -Amino- β^2 -Oxindoles. <i>Chemistry - A European Journal</i> , 2016, 22, 9948-9952.	1.7	15
67	Chiral Squaramide Catalyzed Enantioselective 1,6-Michael Addition of Pyrazolinones to Styrylisoxazole Derivatives. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 3489-3495.	1.2	15
68	Novel indium-mediated deoxygenative β^2 , β^2 -diallylation of indole- and pyrrole-3-carboxaldehydes. <i>Tetrahedron Letters</i> , 2002, 43, 8029-8031.	0.7	14
69	Biotreatment of Simulated Textile Dye Effluent Containing Malachite Green by an Up-Flow Immobilized Cell Bioreactor. <i>World Journal of Microbiology and Biotechnology</i> , 2004, 20, 431-434.	1.7	14
70	Characteristics of poly(AAc5-co-HPMA3-cl-EGDMA15) hydrogel-immobilized lipase of <i>Pseudomonas aeruginosa</i> MTCC-4713. <i>Journal of Applied Polymer Science</i> , 2006, 100, 4636-4644.	1.3	14
71	Kinetic resolution of heteroaryl β^2 -hydroxy sulfides catalyzed by <i>Humicola lanuginosa</i> lipase. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 511-517.	1.8	13
72	Arenesulfonyl indole: new precursor for diversification of C-3 functionalized indoles. <i>RSC Advances</i> , 2021, 11, 2126-2140.	1.7	13

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73	The Efficient Allylations of 2-Oxocarboxylic Acids. Synthesis of 2-Allyl Derivatives of 2-Hydroxycarboxylic Acids. <i>Synlett</i> , 2002, 2002, 0573-0574.	1.0	12
74	Enhancement of Ethyl Propionate Synthesis by poly (AAc-co-HPMA-cl-MBAm)-immobilized <i>Pseudomonas aeruginosa</i> MTCC-4713, Exposed to Hg ²⁺ and NH ₄ ⁺ Ions. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2006, 53, 195-207.	0.4	12
75	Design of Peptidyl Thiourea Derivatives as Organocatalysts for the Asymmetric Ring Opening of <i>meso</i> -stilbene Oxides. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 700-705.	1.3	12
76	Journey Heading towards Enantioselective Synthesis Assisted by Organocatalysis. <i>Chemical Record</i> , 2018, 18, 137-153.	2.9	12
77	Methacrylic acid and dodecyl methacrylate (MAc-DMA) hydrogel for enhanced catalytic activity of lipase of <i>Bacillus coagulans</i> MTCC-6375. <i>Journal of Applied Polymer Science</i> , 2006, 100, 1420-1426.	1.3	11
78	An expedient chemo-enzymatic method for the synthesis of optically active masked 1,2-amino alcohols. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 1898-1903.	1.8	10
79	Organocatalytic enantioselective synthesis of C3 functionalized indole derivatives. <i>Tetrahedron</i> , 2016, 72, 8042-8049.	1.0	10
80	Highly enantioselective kinetic resolution of trans-2-(phenylthio)cyclohexanol derivatives by immobilized <i>Candida antarctica</i> B lipase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013, 96, 67-74.	1.8	9
81	Organocatalytic enantioselective synthesis of N-alkyl/aryl-3-alkyl-pyrrolidine-2,5-dione in brine. <i>Tetrahedron: Asymmetry</i> , 2016, 27, 1145-1152.	1.8	9
82	Organocatalytic enantioselective conjugate addition of pyrazolin-5-ones to arylomethylidene malonates. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 9514-9523.	1.5	9
83	Catalyst-Free Synthesis of 3-Aryl-2-hydroxyindole Derivatives by Using Water as the Solvent: Experimental and DFT Studies. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 1334-1344.	1.3	8
84	Enantioselective 1,4-Michael addition reaction of pyrazolin-5-one derivatives with 2-enoylpyridines catalyzed by <i>Cinchona</i> derived squaramides. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6470-6478.	1.5	8
85	Toxic effects of purified phenolic compounds from <i>Acacia nilotica</i> against common cutworm. <i>Toxicon</i> , 2021, 203, 22-29.	0.8	8
86	Enamine-induced Ring Transformations of 6-Substituted 5-Formyl-1,3-dimethyluracils. <i>Journal of Chemical Research Synopses</i> , 1998, , 352-353.	0.3	7
87	A highly diastereoselective synthesis of homoallylic alcohol/amine appended uracils: the role of the uracil C-4 carbonyl in diastereoselectivity control. <i>Tetrahedron Letters</i> , 2001, 42, 5073-5075.	0.7	7
88	Diastereoselective Synthesis of 1-Allyl and 1,2-bis(Allyl)-1,2-diols: Versatile Synthons For Substituted Tetrahydrofuran Derivatives. <i>Synlett</i> , 2001, 2001, 1431-1433.	1.0	7
89	Bioresolution of benzyl glycidyl ether using whole cells of <i>Bacillus alcalophilus</i> . <i>Journal of Basic Microbiology</i> , 2012, 52, 383-389.	1.8	7
90	Geometrical structure and nonlinear response variations of metal (M = Ni ²⁺ , Pd ²⁺ , Pt ²⁺) octaphyrin complex derivatives: A DFT study. <i>Journal of Coordination Chemistry</i> , 2017, 70, 1221-1236.	0.8	7

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91	Odoriferous Cyclic Ethers via Co-Halogenation Reaction: Facile Preparation of Nerol Oxide, Florol [®] , Florol [®] Methyl Ether, and Pityol [®] Methyl Ether. <i>Helvetica Chimica Acta</i> , 2007, 90, 196-204.	1.0	6
92	Organocatalytic Asymmetric Decarboxylative Addition of α -Ketoacids to Methyleneindolinones Derivatives. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4081-4088.	1.2	6
93	Stereoselective Organocatalytic Synthesis of β , γ -Disubstituted Butenolides. <i>ChemistrySelect</i> , 2018, 3, 5348-5352.	0.7	6
94	Umpolung of reactivity at the C-5 position of uracil: 1,2 facile nucleophilic reactions of thiolate ions at C-5 of 6-cyano-1,3-dimethyluracil to procure 5-alkyl or 5-aryl-thio-1,3-dimethyluracils. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1992, , 449.	0.9	5
95	Heterocyclic transformations. Part 7. Unprecedented transformations of 1,3-dialkyl-5-formyluracils to 1,3-dialkyl-7-hydroxyquinazolines. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995, , 2363.	0.9	5
96	Kinetic Resolution of α - and β -Hydroxy Sulfides by Fungal Lipase from <i>Humicola lanuginosa</i> . <i>Enantiomer</i> , 2002, 7, 231-240.	0.5	5
97	Purification of a Moderate Thermotolerant <i>Bacillus coagulans</i> BTS1 Lipase and its Properties in a Hydro-gel System. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2006, 53, 77-87.	0.4	5
98	Binding and selectivity of phenazino-18-crown-6-ether with alkali, alkaline earth and toxic metal species: A DFT study. <i>Journal of Molecular Structure</i> , 2017, 1130, 781-790.	1.8	5
99	Bioresolution of racemic phenyl glycidyl ether by a putative recombinant epoxide hydrolase from <i>Streptomyces griseus</i> NBRC 13350. <i>World Journal of Microbiology and Biotechnology</i> , 2017, 33, 82.	1.7	5
100	'Umpolung' of Reactivity at C-5 Position of Uracil: An Unprecedented Nucleophilic Reaction of Thiolane Ion at C-5 of 6-Cyano-1,3-dimethyluracil. <i>Heterocycles</i> , 1988, 27, 2523.	0.4	5
101	Phase Transfer Catalysed Oxidative Arylthiolation of 1,3,6-Trimethyluracil and Its 5-Bromo Derivative. <i>Heterocycles</i> , 1992, 34, 425.	0.4	5
102	Heterocyclic transformations. Part 3. Thiolate ion-induced transformations of 6-methyl-1,3-oxazine-2,4(3H)-diones to 3-(alkyl/arylthio)but-2-enamides. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1991, , 1391.	0.9	4
103	Reactions of diazines with nucleophiles ^{IV} 1. the reactivity of 5-bromo-1,3,6-trimethyluracil with thiolate ions ^{II} substitution versus X-philic versus single electron transfer reactions. <i>Bioorganic and Medicinal Chemistry</i> , 1995, 3, 891-897.	1.4	4
104	Indium-Mediated Barbier allylations of Hydroxyanthraquinones: An Expedient synthesis of Novel 10-Alkenyl-10-Hydroxy-9(10H)-Anthracenones. <i>Journal of Chemical Research</i> , 2000, 2000, 314-315.	0.6	4
105	Enantioselective resolution of 3-phenylthio-2-propanol with <i>Humicola lanuginosa</i> lipase. <i>Biotechnology Letters</i> , 2000, 22, 1237-1241.	1.1	3
106	Synthesis of ethyl propionate catalyzed by poly(N-AEAAm-co-AAc)-cl-MBAm hydrogel-immobilized lipase of <i>Bacillus coagulans</i> MTCC-6375. <i>Journal of Applied Polymer Science</i> , 2007, 105, 1437-1443.	1.3	3
107	<i>Candida antarctica</i> lipase ^{III} catalyzed kinetic resolution of 1,3-dialkyl- β -hydroxymethyl oxindoles. <i>Chirality</i> , 2020, 32, 1377-1394.	1.3	3
108	Acid catalysed reactions of 5-formyluracils with enamines. A facile synthesis of 5-acylvinylyluracils. <i>Tetrahedron</i> , 1998, 54, 7563-7572.	1.0	2

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109	Catalytic potential of a poly(AAc-co-HPMA-cl MBAm)-matrix-immobilized lipase from a thermotolerant <i>Pseudomonas aeruginosa</i> MTCC-4713. <i>Journal of Applied Polymer Science</i> , 2006, 100, 4252-4259.	1.3	2
110	<i>Pseudomonas gessardii</i> growing cells as a new biocatalyst for asymmetric synthesis of \pm -bromohydrins. <i>Biocatalysis and Agricultural Biotechnology</i> , 2015, 4, 49-54.	1.5	2
111	Spectral and optoelectronic studies on 7,12,17-trioxa and 7,12,17-trithia [11] helicenes: a DFT view. <i>Indian Journal of Physics</i> , 2017, 91, 915-924.	0.9	2
112	Stereoselective Mannich Reaction of \pm -Acetoxy β -keto esters with Isatin imine: An Efficient Access to Vicinal Tetra α -substituted Stereocenters. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 5193.	1.2	2
113	Synthesis and Stereochemistry-Activity Relationship of Chiral Thiourea Derivatives as Potential Anticancer Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 14, 910-920.	0.9	2
114	Low catalyst loading enabled organocatalytic synthesis of chiral bis-heterocyclic frameworks containing pyrazole and isoxazole. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9910-9924.	1.5	2
115	First Chemoenzymatic Synthesis of Optically Active Uracil and Chromen-4-one Substituted Homoallylic Alcohols: An Entry into Chiral Pool. <i>Synlett</i> , 2002, 2002, 1277-1280.	1.0	1
116	Enantiocomplementary reduction of 3-phenylthioprop-2-one by <i>Bacillus</i> sp.: Effect of medium components. <i>Bioresource Technology</i> , 2007, 98, 725-728.	4.8	1
117	Experimental and DFT Studies of Organocatalytic Microwave-Assisted Reaction of Isatin Derivatives with Dinitrotoluenes. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 575-582.	1.3	1
118	Facile Synthesis of 5-(Substituted vinyl)-uracil Derivatives through Knoevenagel and Stobbe type Condensations of 5-Formyluracils. <i>Journal of Chemical Research Synopses</i> , 1998, , 544-545.	0.3	0
119	Novel Indium-Mediated Deoxygenative \pm , \pm -Diallylation of Indole- and Pyrrole-3-carboxaldehydes.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
120	Chemoenzymatic Synthesis of Optically Active Heterocyclic Homoallylic and Homopropargylic Alcohols.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
121	Novel Indium-Mediated Ternary Reactions Between Indole-3-carboxaldehydes α -Allyl Bromide β -Enamines: Facile Synthesis of Bisindolyl- and Indolyl-Heterocyclic Alkanes.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
122	A Simple One-Step Protocol for the Olefination of Vinylogous Formamides.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
123	Electron Deficiency of Aldehydes Controls the Pyrrolidine Catalyzed Direct Cross-Aldol Reaction of Aromatic/Heterocyclic Aldehydes and Ketones in Water.. <i>ChemInform</i> , 2005, 36, no.	0.1	0