

Kasi Pitchumani

List of Publications by Year in descending order

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137
papers

4,822
citations

81743

39
h-index

128067

60
g-index

172
all docs

172
docs citations

172
times ranked

5443
citing authors

#	ARTICLE	IF	CITATIONS
1	Solvent-free multicomponent synthesis of pyranopyrazoles: per-6-amino- β -cyclodextrin as a remarkable catalyst and host. <i>Tetrahedron Letters</i> , 2010, 51, 3312-3316.	0.7	159
2	K10 montmorillonite clays as environmentally benign catalysts for organic reactions. <i>Catalysis Science and Technology</i> , 2014, 4, 2378-2396.	2.1	156
3	Palladium nanoparticles supported on triazine functionalised mesoporous covalent organic polymers as efficient catalysts for Mizoroki-Heck cross coupling reaction. <i>Green Chemistry</i> , 2014, 16, 4223-4233.	4.6	144
4	Syntheses of 5-Substituted 1 <i>H</i> -Tetrazoles Catalyzed by Reusable CoY Zeolite. <i>Journal of Organic Chemistry</i> , 2011, 76, 9090-9095.	1.7	141
5	Cu ^{II} -Hydrotalcite as an Efficient Heterogeneous Catalyst for Huisgen [3+2] Cycloaddition. <i>Chemistry - A European Journal</i> , 2009, 15, 2755-2758.	1.7	118
6	Melamine-Based Microporous Network Polymer Supported Palladium Nanoparticles: A Stable and Efficient Catalyst for the Sonogashira Coupling Reaction in Water. <i>ChemCatChem</i> , 2015, 7, 666-673.	1.8	102
7	Nickel-Catalyzed Solvent-Free Three-Component Coupling of Aldehyde, Alkyne and Amine. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 411-415.	1.2	101
8	Remarkable Product Selectivity During Photo-Fries and Photo-Claisen Rearrangements within Zeolites. <i>Journal of the American Chemical Society</i> , 1996, 118, 9428-9429.	6.6	91
9	Per-6-amino- β -cyclodextrin as an Efficient Supramolecular Ligand and Host for Cu(I)-Catalyzed <i>N</i> -Arylation of Imidazole with Aryl Bromides. <i>Journal of Organic Chemistry</i> , 2008, 73, 9121-9124.	1.7	88
10	One-Pot Multicomponent Solvent-Free Synthesis of 2-Amino-4 <i>H</i> -benzo[<i>b</i>]pyrans Catalyzed by Per-6-amino- β -cyclodextrin. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 174-179.	3.2	88
11	Aerobic homocoupling of arylboronic acids catalysed by copper terephthalate metal-organic frameworks. <i>Green Chemistry</i> , 2014, 16, 2865.	4.6	88
12	Zn ²⁺ -K10-clay (clayzic) as an efficient water-tolerant, solid acid catalyst for the synthesis of benzimidazoles and quinoxalines at room temperature. <i>Tetrahedron Letters</i> , 2011, 52, 69-73.	0.7	86
13	Simple and efficient reduction of nitroarenes by hydrazine in faujasite zeolites. <i>Applied Catalysis A: General</i> , 2004, 265, 135-139.	2.2	82
14	Clay entrapped nickel nanoparticles as efficient and recyclable catalysts for hydrogenation of olefins. <i>Tetrahedron Letters</i> , 2008, 49, 1818-1823.	0.7	80
15	Clay-anchored non-heme iron-salen complex catalyzed cleavage of CC bond in aqueous medium. <i>Tetrahedron</i> , 2006, 62, 9911-9918.	1.0	75
16	Copper(I)-Catalyzed Three Component Reaction of Sulfonyl Azide, Alkyne, and Nitrene Cycloaddition/Rearrangement Cascades: A Novel One-Step Synthesis of Imidazolidin-4-ones. <i>Organic Letters</i> , 2011, 13, 5728-5731.	2.4	71
17	Per-6-amino- β -cyclodextrin as a Chiral Base Catalyst Promoting One-Pot Asymmetric Synthesis of 2-Aryl-2,3-dihydro-4-quinolones. <i>Journal of Organic Chemistry</i> , 2013, 78, 744-751.	1.7	71
18	An acyclic, dansyl based colorimetric and fluorescent chemosensor for Hg(II) via twisted intramolecular charge transfer (TICT). <i>Analytica Chimica Acta</i> , 2012, 751, 171-175.	2.6	70

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19	Per-6-amino- β -cyclodextrin catalyzed asymmetric Michael addition of nitromethane and thiols to chalcones in water. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 2037-2044.	1.8	69
20	Clay-supported ceric ammonium nitrate as an effective, viable catalyst in the oxidation of olefins, chalcones and sulfides by molecular oxygen. <i>Catalysis Communications</i> , 2009, 10, 872-878.	1.6	68
21	Per-6-amino- β -cyclodextrin as a Reusable Promoter and Chiral Host for Enantioselective Henry Reaction. <i>Organic Letters</i> , 2010, 12, 4070-4073.	2.4	68
22	Triazine-Based Mesoporous Covalent Imine Polymers as Solid Supports for Copper-Mediated Chan-Lam Cross-Coupling N-Arylation Reactions. <i>Chemistry - A European Journal</i> , 2014, 20, 8761-8770.	1.7	68
23	Naked-eye detection of Fe ³⁺ and Ru ³⁺ in water: Colorimetric and ratiometric sensor based on per-6-amino- β -cyclodextrin/p-nitrophenol. <i>Sensors and Actuators B: Chemical</i> , 2010, 146, 273-277.	4.0	61
24	One-Pot Synthesis of Propargylamines Using Ag(I)-Exchanged K10 Montmorillonite Clay as Reusable Catalyst in Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 781-787.	3.2	60
25	Toxicity and immunological activity of silver nanoparticles. <i>Applied Clay Science</i> , 2010, 48, 547-551.	2.6	59
26	A multicomponent, solvent-free, one-pot synthesis of benzoxanthenones catalyzed by HY zeolite: their anti-microbial and cell imaging studies. <i>Tetrahedron Letters</i> , 2012, 53, 1018-1024.	0.7	51
27	A highly selective ratiometric fluorescent chemosensor for Cu(II) based on dansyl-functionalized thiol stabilized silver nanoparticles. <i>Journal of Materials Chemistry B</i> , 2013, 1, 1962.	2.9	50
28	Zeolite-mediated regioselective nitration of phenol in solid state. <i>Journal of Molecular Catalysis A</i> , 2002, 185, 305-309.	4.8	48
29	Asymmetrically modified zeolite as a medium for enantioselective photoreactions: Reactions from spin forbidden excited states. <i>Tetrahedron Letters</i> , 1997, 38, 8825-8828.	0.7	47
30	Activation Conditions Play a Key Role in the Activity of Zeolite CaY: NMR and Product Studies of Brønsted Acidity. <i>Journal of Physical Chemistry A</i> , 1998, 102, 5627-5638.	1.1	46
31	Selective "turn-off" fluorescent sensing of mercury ions using aminocyclodextrin:3-hydroxy-N-phenyl-2-naphthamide complex in aqueous solution. <i>RSC Advances</i> , 2014, 4, 11714.	1.7	46
32	A pyridinium modified β -cyclodextrin: an ionic supramolecular ligand for palladium acetate in C-C coupling reactions in water. <i>Green Chemistry</i> , 2016, 18, 5518-5528.	4.6	46
33	Alginate stabilized silver nanocube-Rh6G composite as a highly selective mercury sensor in aqueous solution. <i>Nanoscale</i> , 2011, 3, 1166.	2.8	45
34	Selective Reduction of Nitroarenes by using Zeolite-Supported Copper Nanoparticles with Propanol as a Sustainable Reducing Agent. <i>ChemCatChem</i> , 2012, 4, 1917-1921.	1.8	45
35	Palladium nanoparticles embedded on thiourea-modified chitosan: a green and sustainable heterogeneous catalyst for the Suzuki reaction in water. <i>RSC Advances</i> , 2015, 5, 27533-27539.	1.7	45
36	l-Proline anchored hydrotalcite clays: An efficient catalyst for asymmetric Michael addition. <i>Applied Catalysis A: General</i> , 2008, 340, 25-32.	2.2	44

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37	Oxidative hydroxylation of arylboronic acids to phenols catalyzed by copper nanoparticles ellagic acid composite. <i>Journal of Molecular Catalysis A</i> , 2014, 395, 500-505.	4.8	44
38	Fabrication of Pd Nanoparticles Embedded C@Fe ₃ O ₄ Core-Shell Hybrid Nanospheres: An Efficient Catalyst for Cyanation in Aryl Halides. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 22907-22917.	4.0	43
39	Facile clay-induced Fischer indole synthesis: A new approach to synthesis of 1,2,3,4-tetrahydrocarbazole and indoles. <i>Applied Catalysis A: General</i> , 2005, 292, 305-311.	2.2	42
40	Design and one-pot synthesis of a novel pyrene based fluorescent sensor for selective naked eye detection of Ni ²⁺ ions, and live cell imaging. <i>Sensors and Actuators B: Chemical</i> , 2018, 266, 429-437.	4.0	42
41	Layered Double Hydroxide-Supported L-Methionine-Catalyzed Chemoselective O-Methylation of Phenols and Esterification of Carboxylic Acids with Dimethyl Carbonate: A Green Protocol. <i>Chemistry - A European Journal</i> , 2010, 16, 1128-1132.	1.7	40
42	Clay encapsulated ZnO nanoparticles as efficient catalysts for N-benylation of amines. <i>Catalysis Communications</i> , 2011, 16, 15-19.	1.6	40
43	Transfer hydrogenation of carbonyl compounds and carbon-carbon multiple bonds by zeolite supported Cu nanoparticles. <i>Catalysis Science and Technology</i> , 2012, 2, 296-300.	2.1	40
44	Per-6-ammonium- β -cyclodextrin/p-nitrophenol complex as a colorimetric sensor for phosphate and pyrophosphate anions in water. <i>Sensors and Actuators B: Chemical</i> , 2011, 155, 909-914.	4.0	39
45	An intramolecular charge transfer (ICT) based chemosensor for silver ion using 4-methoxy-N-((thiophen-2-yl)methyl)benzenamine. <i>Analyst</i> , 2012, 137, 5320.	1.7	39
46	Highly Selective Fluorescent and Colorimetric Sensing of Fluoride Ion Using 2-(2-Hydroxyphenyl)-2,3-dihydroquinolin-4(1H)-one based on Excited State Proton Transfer. <i>Chemistry - an Asian Journal</i> , 2014, 9, 146-152.	1.7	39
47	The Aminocyclodextrin/Pd(OAc) ₂ Complex as an Efficient Catalyst for the Mizoroki-Heck Cross-Coupling Reaction. <i>Chemistry - A European Journal</i> , 2013, 19, 14425-14431.	1.7	38
48	One-pot synthesis of 2-substituted quinoxalines using K10-montmorillonite as heterogeneous catalyst. <i>Tetrahedron Letters</i> , 2014, 55, 1616-1620.	0.7	37
49	Plumbagin as colorimetric and ratiometric sensor for arginine. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 521-527.	4.0	36
50	An efficient hydration of nitriles to amides in aqueous media by hydrotalcite-clay supported nickel nanoparticles. <i>Catalysis Communications</i> , 2012, 29, 109-113.	1.6	35
51	Highly selective fluorescent sensing of fenitrothion using per-6-amino- β -cyclodextrin:Eu(III) complex. <i>Biosensors and Bioelectronics</i> , 2012, 35, 452-455.	5.3	34
52	Flavone modified- β -cyclodextrin as a highly selective and efficient fluorescent chemosensor for Cu ²⁺ ions and l-histidine. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 59-64.	4.0	33
53	Copper-Based Metal-Organic Frameworks as Reusable Heterogeneous Catalysts for the One-Pot Syntheses of Imidazo[1,2-a]pyridines. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 784-791.	1.3	33
54	Effect of cyclodextrin encapsulation on photo-fries rearrangement of benzenesulphonanilide. <i>Tetrahedron Letters</i> , 1991, 32, 2975-2978.	0.7	32

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55	Oxidation of organic sulfides with clay-supported iodosylbenzene as oxygen donor. <i>Tetrahedron</i> , 1997, 53, 7635-7640.	1.0	32
56	Selective sensing of silver ion using berberine, a naturally occurring plant alkaloid. <i>Sensors and Actuators B: Chemical</i> , 2015, 206, 170-175.	4.0	32
57	Reactions in clay media: photooxidation of sulfides by clay-bound methylene blue. <i>Tetrahedron</i> , 2001, 57, 8391-8394.	1.0	31
58	Solvent-Free Syntheses of 1,5-Benzodiazepines Using HY Zeolite as a Green Solid Acid Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 1169-1176.	3.2	31
59	Ultrafine Bimetallic PdCo Alloy Nanoparticles on Hollow Carbon Capsules: An Efficient Heterogeneous Catalyst for Transfer Hydrogenation of Carbonyl Compounds. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 491-500.	3.2	31
60	Amino acid intercalated layered double hydroxide catalyzed chemoselective methylation of phenols and thiophenols with dimethyl carbonate. <i>Tetrahedron Letters</i> , 2013, 54, 7167-7170.	0.7	30
61	Copper(I)-Y Zeolite-Catalyzed Regio- and Stereoselective [2 + 2 + 2] Cyclotrimerization Cascade: An Atom- and Step-Economical Synthesis of Pyrimido[1,6- <i>a</i>]quinoline. <i>Journal of Organic Chemistry</i> , 2015, 80, 10299-10308.	1.7	30
62	Microwave promoted one-pot synthesis of 2-aryl substituted 1,3,4-oxadiazoles and 1,2,4-oxadiazole derivatives using Al ₃ +K10 clay as a heterogeneous catalyst. <i>Tetrahedron Letters</i> , 2014, 55, 3678-3682.	0.7	29
63	A highly selective, sensitive and turn-on fluorescent sensor for the paramagnetic Fe ³⁺ ion. <i>Sensors and Actuators B: Chemical</i> , 2016, 230, 199-205.	4.0	29
64	β-Cyclodextrin included coumarin derivatives as selective fluorescent sensors for Cu ²⁺ ions in HeLa cells. <i>RSC Advances</i> , 2016, 6, 20269-20275.	1.7	29
65	Copper(I)-Catalyzed [3+2] Cycloaddition/Ring Opening Rearrangement/[4+2] Cycloaddition/Aromatization Cascade: An Unprecedented Chemo- and Stereoselective Three Component Coupling of Sulfonyl Azide, Alkyne and <i>N</i> -Arylidene pyridin-2-amine to Pyrido[1,2- <i>a</i>]pyrimidin-4-amine. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 93-98.	2.1	28
66	Selectivity in bromination of alkylbenzenes in the presence of montmorillonite clay. <i>Tetrahedron</i> , 1997, 53, 2581-2584.	1.0	27
67	Per-6-amino-β-cyclodextrin/CuI catalysed cyanation of aryl halides with K ₄ [Fe(CN) ₆]. <i>New Journal of Chemistry</i> , 2012, 36, 2334.	1.4	27
68	Autofluorescence in BrdU-Positive Cells and Augmentation of Regeneration Kinetics by Riboflavin. <i>Stem Cells and Development</i> , 2012, 21, 2071-2083.	1.1	27
69	Michael addition of indoles to β-nitrostyrenes catalyzed by HY zeolite under solvent-free conditions. <i>Tetrahedron Letters</i> , 2014, 55, 2061-2064.	0.7	27
70	Simple, solvent free syntheses of unsymmetrical sulfides from thiols and alkyl halides using hydrotalcite clays. <i>Journal of Molecular Catalysis A</i> , 2004, 217, 117-120.	4.8	26
71	Photo-fries reaction of naphthyl esters within zeolites. <i>Tetrahedron Letters</i> , 1996, 37, 6251-6254.	0.7	25
72	Photoreactions in clay media: singlet oxygen oxidation of electron-rich substrates mediated by clay-bound dyes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2002, 153, 205-210.	2.0	25

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73	Isolable C@Fe3O4 nanospheres supported cubical Pd nanoparticles as reusable catalysts for Stille and Mizoroki-Heck coupling reactions. <i>Tetrahedron Letters</i> , 2017, 58, 3276-3282.	0.7	25
74	Synergistic photodynamic action of ZnO nanomaterials encapsulated meso-tetra (4-sulfonatophenyl) porphyrin. <i>Powder Technology</i> , 2013, 237, 497-505.	2.1	24
75	Isolation of biochanin A, an isoflavone, and its selective sensing of copper(II) ion. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 75-80.	4.0	24
76	Cubical Palladium Nanoparticles on C@Fe3O4 for Nitro reduction, Suzuki-Miyaura Coupling and Sequential Reactions. <i>Journal of Molecular Catalysis A</i> , 2016, 423, 511-519.	4.8	24
77	Fries rearrangement of esters in montmorillonite clays: Steric control on selectivity. <i>Tetrahedron</i> , 1997, 53, 17171-17176.	1.0	23
78	Cascade synthesis of bis-N-sulfonylcyclobutenes via Cu(i)/Lewis acid-catalyzed (3 + 2)/(2 + 2) cycloadditions: observation of aggregation-induced emission enhancement from restricted C π N photoisomerization. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2937.	1.5	23
79	Selectivity in bromination of aniline and N-substituted anilines encapsulated in β -cyclodextrin. <i>Tetrahedron</i> , 1996, 52, 3487-3496.	1.0	22
80	Pyridinium ylide-assisted KY zeolite catalyzed tandem synthesis of polysubstituted cyclopropanes. <i>Catalysis Communications</i> , 2012, 26, 39-43.	1.6	22
81	d-Glucose sensing by (E)-(4-((pyren-1-ylmethylene)amino)phenyl) boronic acid via a photoinduced electron transfer (PET) mechanism. <i>RSC Advances</i> , 2013, 3, 11566.	1.7	22
82	Dual emission from 4-dimethylaminobenzonitrile in cyclodextrin derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2000, 131, 101-110.	2.0	21
83	A green route for the synthesis of 2-substituted benzoxazole derivatives catalyzed by Al ³⁺ -exchanged K10 clay. <i>Tetrahedron Letters</i> , 2013, 54, 6415-6419.	0.7	21
84	Mesoporous Microcapsules through d-Glucose Promoted Hydrothermal Self-Assembly of Colloidal Silica: Reusable Catalytic Containers for Palladium Catalyzed Hydrogenation Reactions. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 667-674.	3.2	20
85	Cation-exchanged montmorillonite clays as Lewis acid catalysts in the Fries rearrangement of phenyl toluene-p-sulphonate. <i>Journal of the Chemical Society Chemical Communications</i> , 1990, , 1613.	2.0	19
86	Selectivity in sodium borohydride reduction of coumarin encapsulated in β -cyclodextrin. <i>Tetrahedron</i> , 1994, 50, 12979-12988.	1.0	19
87	Modification of chemical reactivity upon cyclodextrin encapsulation. <i>Tetrahedron</i> , 1994, 50, 7903-7912.	1.0	19
88	Regioselective monobromination of substituted phenols in the presence of β -cyclodextrin. <i>Tetrahedron</i> , 2007, 63, 4959-4967.	1.0	19
89	Synthesis of substituted isoquinolines via iminoalkyne cyclization using Ag(i) exchanged K10-montmorillonite clay as a reusable catalyst. <i>RSC Advances</i> , 2014, 4, 38491.	1.7	18
90	Copper(I)-Catalyzed One-Pot Synthesis of Highly Functionalized Pyrrolidines from Sulfonyl Azides, Alkynes, and Dimethyl 2-(Phenylamino)maleate. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 463-467.	1.2	18

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91	Reductive quenching of excited states of chromium(III)-polypyridyl complexes with alkyl aryl sulphides. <i>Tetrahedron</i> , 1993, 49, 4721-4740.	1.0	17
92	Sheet silicate catalysed demethylation and Fischer-Hepp rearrangement of N-methyl-N-nitrosoaniline. <i>Journal of Molecular Catalysis A</i> , 1997, 118, 189-193.	4.8	17
93	Triphasic catalyst systems based on surfactant/clay composites. <i>Green Chemistry</i> , 1999, 1, 95-97.	4.6	17
94	Zeolite mediated protection of carbonyl groups. <i>Green Chemistry</i> , 1999, 1, 173-174.	4.6	17
95	Copper(II) zeolite catalyzed N-sulfonylketenimine mediated annulation of hydroxynaphthoquinones: syntheses of naphtho[2,1-b]furan-2,5-diones and benzo[de]chromene-2,6-diones. <i>Chemical Communications</i> , 2016, 52, 8436-8439.	2.2	16
96	Naked eye sensing of melamine: aggregation induced recognition by sodium d-glucuronate stabilised silver nanoparticles. <i>New Journal of Chemistry</i> , 2016, 40, 3869-3874.	1.4	16
97	β-Cyclodextrin Monosulphonic Acid Promoted Multicomponent Synthesis of 1,8-Dioxodecahydroacridines in Water. <i>ChemistrySelect</i> , 2018, 3, 10886-10891.	0.7	15
98	Al-MCM-41 as a mild and ecofriendly catalyst for Michael addition of indole to 1,2-unsaturated ketones. <i>Journal of Molecular Catalysis A</i> , 2012, 363-364, 115-121.	4.8	14
99	Photoinduced reduction of aryl methyl sulfones on titanium dioxide. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 1473.	2.0	13
100	Electron Transfer Reactions within Zeolites: A Radical Cation from Benzonorbornadiene. <i>Journal of the American Chemical Society</i> , 1996, 118, 8152-8153.	6.6	13
101	A Clean Clay Catalysed Synthesis of α , ω -N-Diarylnitrones. <i>Synthetic Communications</i> , 1997, 27, 4041-4047.	1.1	13
102	Utility of Zeolitic Medium in Photo-Fries and Photo-Claisen Rearrangements#. <i>Research on Chemical Intermediates</i> , 1999, 25, 623-631.	1.3	13
103	Effect of cyclodextrin complexation on photo-Fries rearrangement of naphthyl esters. <i>Tetrahedron</i> , 1999, 55, 9601-9610.	1.0	13
104	An Expedient Synthesis of Flavonols Promoted by Montmorillonite KSF Clay and Assisted by Microwave Irradiation under Solvent-Free Conditions. <i>Helvetica Chimica Acta</i> , 2013, 96, 1269-1272.	1.0	13
105	Triplet-triplet energy transfer between organic molecules trapped in zeolites. <i>Chemical Communications</i> , 1996, , 2049-2050.	2.2	12
106	Triplet photochemistry within zeolites through heavy atom effect, sensitization and light atom effect. <i>Tetrahedron</i> , 2003, 59, 5763-5772.	1.0	12
107	Water-Soluble Palladium Complex of N-(2-pyridin-2-yl)propane-1,3-diamine modified β -Cyclodextrin: An efficient Catalyst for Transfer Hydrogenation of Carbonyl Compounds. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 16130-16138.	3.2	12
108	A novel photorearrangement of benzyl phenyl sulfone encapsulated in β -cyclodextrin. <i>Tetrahedron Letters</i> , 1995, 36, 1149-1152.	0.7	11

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109	Influence of cations in faujasite zeolites in cis-trans isomerization of 4-bromophenyl styryl sulfone. <i>Tetrahedron</i> , 1998, 54, 15667-15672.	1.0	11
110	Novel approaches towards the generation of excited triplets of organic guest molecules with zeolites. <i>Chemical Communications</i> , 1998, , 1197-1198.	2.2	11
111	Photodimerisation of enones in a clay microenvironment. <i>Photochemical and Photobiological Sciences</i> , 2002, 1, 991.	1.6	11
112	A Ratiometric Tetrazolylpyridine-Based α -Turn-On-Fluorescent Chemosensor for Zinc(II) Ion in Aqueous Media. <i>ChemPlusChem</i> , 2014, 79, 1361-1366.	1.3	11
113	Heterogenization of cobalt nanoparticles on hollow carbon capsules: Lab-in-capsule for catalytic transfer hydrogenation of carbonyl compounds. <i>Molecular Catalysis</i> , 2018, 448, 153-161.	1.0	11
114	Title is missing!. <i>Catalysis Letters</i> , 1998, 54, 165-167.	1.4	10
115	Effect of cyclodextrin complexation in bromine addition to unsymmetrical olefins: evidence for participation of cyclodextrin hydroxyl groups. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 1008.	1.5	10
116	Zeolite-promoted selective mono-N-methylation of aniline with dimethyl carbonate. <i>Journal of Molecular Catalysis A</i> , 2004, 218, 196-201.	4.8	9
117	Synthesis of 2-substituted 3-ethyl-3H-imidazo[4,5-b]pyridines catalyzed by Al ³⁺ -exchanged K10 clay as solid acids. <i>Tetrahedron Letters</i> , 2013, 54, 6479-6484.	0.7	9
118	Synthesis of 5-benzyl-4-aryl-octahydro-1H-benzo[b][1,5]diazepin-2-ones as potent antidepressant and antimicrobial agents. <i>Medicinal Chemistry Research</i> , 2014, 23, 2070-2079.	1.1	9
119	Triaminopyrimidine Based Porous Organic Polymers: Synthesis, Characterization and Catalytic Applications in One-pot Room Temperature Synthesis of Dihydropyranopyranes. <i>ChemistrySelect</i> , 2018, 3, 13743-13750.	0.7	9
120	Zeolite Encapsulated Nanocrystalline CuO: A Redox Catalyst for the Oxidation of Secondary Alcohols. <i>Journal of Nanomaterials</i> , 2008, 2008, 1-7.	1.5	8
121	Novel photohydration of trans-stilbenes and trans-anethole inside cyclodextrin nanocavity in aqueous medium. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 206, 40-45.	2.0	8
122	β -Cyclodextrin-Mediated Acetic Acid Catalyzed Diastereoselective Mannich Reaction in Water. <i>Synlett</i> , 2012, 23, 2328-2332.	1.0	7
123	Chemical constituents from the flowering buds of <i>Bauhinia tomentosa</i> Linn (FBBT). <i>Natural Product Research</i> , 2016, 30, 1670-1674.	1.0	7
124	Cation to anion triplet-triplet energy transfer in crystalline organic salts. <i>Tetrahedron Letters</i> , 1996, 37, 6037-6040.	0.7	6
125	Photodimerisation of acenaphthylene in a clay microenvironment. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 95.	1.6	6
126	Influence of Cyclodextrin Encapsulation on Norrish Type II Photoreaction of Valerophenone. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 2000-2006.	2.0	6

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127	Isoxazoles incorporated N-substituted decahydroquinolines: A precursor to the next generation antimicrobial drug. <i>European Journal of Medicinal Chemistry</i> , 2012, 47, 608-614.	2.6	6
128	Synthesis and antimicrobial activities of highly functionalised novel β -lactam and thiazolidine-grafted tetrahydrobenzothiophenes. <i>Medicinal Chemistry Research</i> , 2013, 22, 2964-2974.	1.1	6
129	Acceleration of Thiol Ester Hydrolysis by Cyclodextrins: Evidence from Rate and Computational Studies. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 1034-1042.	1.2	5
130	Design and synthesis of 3,5-diarylpiperidin-2,6-diones as anticonvulsant agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 1263-1266.	1.0	5
131	Synthesis, Characterization, and DNA Binding Studies of Nanoplumbagin. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-9.	1.5	5
132	β -Cyclodextrin-Monosulphonic Acid Catalyzed Efficient Synthesis of α -Amidoalkyl- α -naphthols. <i>ChemistrySelect</i> , 2017, 2, 10798-10803.	0.7	5
133	Selectivity in photolysis of benzyl acetate and benzyl hexanoate upon cyclodextrin complexation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 184, 34-43.	2.0	4
134	Chemistry in Confinement: Copper and Palladium Catalyzed Ecofriendly Organic Transformations within Porous Frameworks. <i>Chemical Record</i> , 2018, 18, 506-526.	2.9	4
135	Quinolinium modified β -cyclodextrin: An ionic ligand towards sustainable A3-coupling and tandem cyclisation reactions of aldehydes, amines and alkynes. <i>Molecular Catalysis</i> , 2022, 519, 112151.	1.0	3
136	A New Isoflavone Apioglucoside from the Roots of <i>Dalbergia spinosa</i> . <i>Natural Product Communications</i> , 2015, 10, 1959-60.	0.2	2
137	Cavity size effect on ICT-dual emission of p-(N,N-dimethylamino)-2-styrylquinoline: complexation with cyclodextrin derivatives. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 57, 403-408.	1.6	1