

Farzad Zamani

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

646
citations

567281

15
h-index

580821

25
g-index

31
all docs

31
docs citations

31
times ranked

797
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of sulfonated-phenylacetic acid coated Fe ₃ O ₄ nanoparticles as a novel acid magnetic catalyst for Biginelli reaction. <i>Catalysis Communications</i> , 2013, 42, 104-108.	3.3	91
2	Metal-organic frameworks: advanced tools for multicomponent reactions. <i>Green Chemistry</i> , 2020, 22, 7265-7300.	9.0	76
3	Palladium nanoparticles supported on Fe ₃ O ₄ /amino acid nanocomposite: Highly active magnetic catalyst for solvent-free aerobic oxidation of alcohols. <i>Catalysis Communications</i> , 2014, 43, 164-168.	3.3	54
4	Synthesis and characterization of Ni nanoparticles incorporated into hyperbranched polyamidoamine-polyvinylamine/SBA-15 catalyst for simple reduction of nitro aromatic compounds. <i>RSC Advances</i> , 2014, 4, 7444.	3.6	44
5	Metal (Co, Mn)-amine-functionalized mesoporous silica SBA-15: synthesis, characterization and catalytic properties in hydroxylation of benzene. <i>Journal of Porous Materials</i> , 2011, 18, 475-482.	2.6	38
6	Synthesis and characterization of sulfonated-mercaptopropanoic acid coated Fe ₃ O ₄ nanoparticles as a novel acid magnetic catalyst for Biginelli reaction. <i>Solid State Sciences</i> , 2013, 26, 139-143.	3.2	36
7	Allenylation and Propargylation Reactions of Ketones, Aldehydes, Imines, and Iminium Ions Using Organoboronates and Related Derivatives. <i>Synthesis</i> , 2017, 49, 1461-1480.	2.3	35
8	Polyvinyl amine coated Fe ₃ O ₄ @SiO ₂ magnetic microspheres for Knoevenagel condensation. <i>Chinese Journal of Catalysis</i> , 2014, 35, 21-27.	14.0	29
9	Dual Gold-Catalyzed Cycloaromatization of Unconjugated <i>1,3</i> -Enediyne. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2114-2119.	13.8	28
10	Immobilization of L-Lysine on Zeolite 4A as an Organic-Inorganic Composite Basic Catalyst for Synthesis of <i>1,2</i> -Unsaturated Carbonyl Compounds under Mild Conditions. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 2367-2374.	1.9	28
11	Fast and efficient reduction of nitro aromatic compounds over Fe ₃ O ₄ /L-alanine-acrylamide-Ni nanocomposite as a new magnetic catalyst. <i>Catalysis Communications</i> , 2014, 45, 1-6.	3.3	27
12	Preparation and characterization of P4MVP/MnO ₄ /SBA-15 as an efficient heterogeneous oxidant: An organic-inorganic hybrid polymer. <i>Catalysis Communications</i> , 2010, 11, 1109-1115.	3.3	24
13	Oxazolidinones and 2,5-Dihydrofurans via Zinc-Catalyzed Regioselective Allenylation Reactions of <i>1,3</i> -Amino Aldehydes. <i>Journal of Organic Chemistry</i> , 2017, 82, 6819-6830.	3.2	17
14	Divergent Pd-catalyzed cross-coupling of allenylloxazolidinones to give chiral 1,3-dienes and vinylloxazolidinones. <i>Chemical Science</i> , 2019, 10, 9051-9056.	7.4	16
15	Synthesis of tetrazolo[1,5-a]pyrimidine-6-carbonitriles using HMTA-BAIL@MIL-101(Cr) as a superior heterogeneous catalyst. <i>Scientific Reports</i> , 2021, 11, 5109.	3.3	16
16	Chromium containing Fe ₃ O ₄ /polyacrylonitrile-ethylenediamine as a magnetically recoverable catalyst for alcohol oxidation. <i>Catalysis Communications</i> , 2015, 60, 105-109.	3.3	15
17	Fast and Efficient Nitration of Salicylic Acid and Some Other Aromatic Compounds over H ₃ PO ₄ /TiO ₂ -ZrO ₂ Using Nitric Acid. <i>Chinese Journal of Chemistry</i> , 2010, 28, 397-403.	4.9	11
18	Synthetic RNA Modulators in Drug Discovery. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 7110-7155.	6.4	10

#	ARTICLE	IF	CITATIONS
19	Highly Selective Vapor-Phase Acylation of Veratrole over $\text{H}_3\text{PO}_4/\text{TiO}_2\text{-ZrO}_2$: Using Ethyl Acetate as a Green and Efficient Acylating Agent. <i>Chinese Journal of Chemistry</i> , 2010, 28, 273-284.	4.9	7
20	Cr(III)-containing Fe_3O_4 /mercaptopropanoic acid-poly(2-hydroxyethyl acrylate) nanocomposite: a highly active magnetic catalyst in solvent-free aerobic oxidation of alcohols. <i>Dalton Transactions</i> , 2014, 43, 3618.	3.3	7
21	Seven-Membered Rings. <i>Progress in Heterocyclic Chemistry</i> , 2017, 29, 579-633.	0.5	7
22	Dual Gold-Catalyzed Cycloaromatization of Unconjugated (E)-Enedynes. <i>Angewandte Chemie</i> , 2019, 131, 2136-2141.	2.0	7
23	Synthesis and Characterization of Copper(II)-Cysteine/ $\text{SiO}_2\text{-Al}_2\text{O}_3$ as an Efficient and Reusable Heterogeneous Catalyst for the Oxidation of Aromatic Alcohols. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013, 23, 1501-1510.	3.7	6
24	Knoevenagel Condensation of Aldehydes with Ethyl Cyanoacetate in Water Catalyzed by $\text{P4VP/Al}_2\text{O}_3\text{-SiO}_2$. <i>Journal of Chemistry</i> , 2013, 2013, 1-8.	1.9	6
25	Preparation and catalytic study on a novel amino-functionalized silica-coated cobalt oxide nanocomposite for the synthesis of some indazoles. <i>Acta Chimica Slovenica</i> , 2017, 64, 73-82.	0.6	4
26	Environmentally Benign One-Pot Synthesis of Benzo-Fused Seven-Membered Heterocyclic Compounds Using UiO-66 Metal-Organic Framework as Efficient and Reusable Catalyst. <i>ChemistrySelect</i> , 2020, 5, 14554-14558.	1.5	3
27	Cr(III)-containing Fe_3O_4 /mercaptopropanoic acid-poly(2-hydroxyethyl acrylate) nanocomposite: Highly active magnetic catalyst for direct hydroxylation of benzene. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	2
28	Titelbild: Dual Gold-Catalyzed Cycloaromatization of Unconjugated (E)-Enedynes (<i>Angew. Chem.</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.0	0