

# Yaghoub Sarrafi

## List of Publications by Year in descending order

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55  
papers

1,151  
citations

331670

21  
h-index

414414

32  
g-index

66  
all docs

66  
docs citations

66  
times ranked

1499  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cu-Modified Magnetic Creatine as an Efficient Catalyst for Regioselective Preparation of 1,2,3-Triazoles Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 3240-3256.	2.6	21
2	Synthesis and Antitumor Activity Evaluation of Novel Pyrimidoquinoline Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 4359-4373.	2.6	6
3	MCM-41-SO <sub>3</sub> H: an efficient, reusable, heterogeneous catalyst for the one-pot, three-component synthesis of pyrano[3,2-b]pyrans. <i>Research on Chemical Intermediates</i> , 2021, 47, 1729-1741.	2.7	14
4	An experimental and mechanism study on the regioselective click reaction toward the synthesis of thiazolidinone-triazole. <i>Heliyon</i> , 2021, 7, e06113.	3.2	9
5	Study of carbon dioxide hydrogenation to hydrocarbons over iron-based Catalysts: Synergistic effect. <i>Kataliz V Promyshlennosti</i> , 2021, 21, 182.	0.3	0
6	Antifungal edible tomato coatings containing ajwain, neroli, and rosemary essential oils. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 5139-5148.	3.2	4
7	Study of Carbon Dioxide Hydrogenation to Hydrocarbons Over Iron-Based Catalysts: Synergistic Effect. <i>Catalysis in Industry</i> , 2021, 13, 317-324.	0.7	0
8	New Sesterterpenoids from <i>Salvia mirzayanii</i> Rech.f. and Esfand. Stereochemical Characterization by Computational Electronic Circular Dichroism. <i>Frontiers in Chemistry</i> , 2021, 9, 783292.	3.6	2
9	Facile and efficient removal of Pb(II) from aqueous solution by chitosan-lead ion imprinted polymer network. <i>Chemosphere</i> , 2020, 240, 124772.	8.2	40
10	Novel N,N-dimethylbarbituric-pyridinium derivatives as potent urease inhibitors: Synthesis, in vitro, and in silico studies. <i>Bioorganic Chemistry</i> , 2020, 95, 103529.	4.1	21
11	Synthesis of Novel Triazole Incorporated Thiazolone Motifs Having Promising Antityrosinase Activity through Green Nanocatalyst Cu <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> (TMS-EDTA). <i>Applied Organometallic Chemistry</i> , 2020, 34, e5962.	3.5	16
12	1,2,3-Triazole-Linked 5-benzylidene (thio)barbiturates as novel tyrosinase inhibitors and free radical scavengers. <i>Archiv Der Pharmazie</i> , 2020, 353, e2000058.	4.1	18
13	A new series of Schiff base derivatives bearing 1,2,3-triazole: Design, synthesis, molecular docking, and $\alpha$ -glucosidase inhibition. <i>Archiv Der Pharmazie</i> , 2019, 352, e1900034.	4.1	25
14	Preparation and application of magnetic chitosan/graphene oxide composite supported copper as a recyclable heterogeneous nanocatalyst in the synthesis of triazoles. <i>International Journal of Biological Macromolecules</i> , 2019, 138, 764-772.	7.5	22
15	Remediation of phenol-contaminated water by pristine and functionalized SWCNTs: Ab initio van der Waals DFT investigation. <i>Diamond and Related Materials</i> , 2018, 82, 7-18.	3.9	19
16	An efficient synthesis of novel triazoles incorporating barbituric motifs via [3+2] cycloaddition reaction: An experimental and theoretical study. <i>Journal of the Serbian Chemical Society</i> , 2018, 83, 821-835.	0.8	9
17	Comparison of Chemical Composition, Antifungal and Antibacterial Activities of Two Populations of <i>Salvia macilenta</i> Boiss. <i>Essential Oil. Records of Natural Products</i> , 2018, 12, 385-390.	1.3	10
18	New tacrine-derived AChE/BuChE inhibitors: Synthesis and biological evaluation of 5-amino-2-phenyl-4H-pyrano[2,3-b]quinoline-3-carboxylates. <i>European Journal of Medicinal Chemistry</i> , 2017, 128, 237-246.	5.5	41

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19	Tunable phenol remediation from wastewater using SWCNT-based, sub-nanometer porous membranes: reactive molecular dynamics simulations and DFT calculations. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 8388-8399.	2.8	13
20	Theoretical exploration of mechanism of carbapenam formation in catalytic Kinugasa reaction. <i>Tetrahedron</i> , 2017, 73, 1673-1681.	1.9	14
21	Î±-Glucosidase inhibitory and antioxidant activity of furanocoumarins from <i>Heracleum persicum</i> . <i>Medicinal Chemistry Research</i> , 2017, 26, 849-855.	2.4	24
22	Antioxidant and antidiabetic activities of 11 herbal plants from Hyrcania region, Iran. <i>Journal of Food and Drug Analysis</i> , 2016, 24, 179-188.	1.9	67
23	Synthesis and cytotoxic activity of novel poly-substituted imidazo[2,1- <i>b</i> ]triazin-6-amines. <i>Molecular Diversity</i> , 2015, 19, 273-281.	3.9	20
24	Chemical Composition of the Essential Oil of <i>Convolvulus persicus</i> L. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2015, 18, 592-595.	1.9	8
25	An experimental and theoretical study on the regioselective synthesis of a new class of spiropyrrolothiazoles with quinoxaline motifs via a 1,3-dipolar cycloaddition reaction. An evaluation of DFT methods. <i>RSC Advances</i> , 2015, 5, 76368-76376.	3.6	27
26	Sulfonic acid-functionalized mesoporous silica nanoparticles (SAMSNs): a recoverable heterogeneous acid catalyst for green synthesis of dicoumarols. <i>Research on Chemical Intermediates</i> , 2015, 41, 4929-4941.	2.7	7
27	Synthesis and Evaluation of Coumarin-Resveratrol Hybrids as 15-Lipoxygenase Inhibitors. <i>Synthetic Communications</i> , 2015, 45, 741-749.	2.1	27
28	Efficient synthesis of 3,3-di(indolyl)oxindoles catalyzed by sulfonic acid-functionalized mesoporous silica nanoparticles (SAMSNs) in aqueous media. <i>Research on Chemical Intermediates</i> , 2015, 41, 6777-6787.	2.7	6
29	A theoretical investigation on the regioselectivity of the intramolecular hetero Diels-Alder and 1,3-dipolar cycloaddition of 2-vinyloxybenzaldehyde derivatives. <i>Journal of the Serbian Chemical Society</i> , 2014, 79, 911-924.	0.8	8
30	An expedient approach for the regio- and stereoselective synthesis of novel spiroindolizidines via [3+2] cycloaddition. <i>Comptes Rendus Chimie</i> , 2014, 17, 156-163.	0.5	10
31	Nano Fe <sub>3</sub> O <sub>4</sub> supported biimidazole Cu(I) complex as a retrievable catalyst for the synthesis of imidazo[1,2- <i>a</i> ]pyridines in aqueous medium. <i>RSC Advances</i> , 2014, 4, 23116.	3.6	50
32	Mesoporous SBA-15 nanoparticles: An efficient and eco-friendly Catalyst for one-pot synthesis of 3,4-dihydropyrimidin-2(1H)-ones under solvent-free conditions. <i>Current Chemistry Letters</i> , 2014, 3, 97-102.	1.6	7
33	Cu(II) salen complex catalyzed synthesis of propargylamines by a three-component coupling reaction. <i>Chinese Journal of Catalysis</i> , 2013, 34, 2217-2222.	14.0	25
34	Preparation of Conducting Liquid Crystalline Polymer Based of Poly(2-ethanol aniline). <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2013, 43, 838-846.	0.6	0
35	Synthesis of Functionalized Pyrrolizidines/Pyrrolidines Incorporating a Spirooxindole Motif through [3+2] Cycloaddition. <i>Synthesis</i> , 2013, 45, 2294-2304.	2.3	12
36	A Facile Regioselective Synthesis of Novel Spiroacenaphthene Pyrroloisoquinolines Through 1,3-Dipolar Cycloaddition Reactions. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	0

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37	An improved catalytic method for the synthesis of 3,3-di(indolyl)oxindoles using Amberlyst 15 as a heterogeneous and reusable catalyst in water. <i>Monatshefte für Chemie</i> , 2012, 143, 1519-1522.	1.8	29
38	2,6-Dicarboxypyridinium Fluorochromate Promoted Oxidation of Alkyl-Arenes into Carbonyl Compounds Under Nonaqueous and Aprotic Conditions. <i>Synthetic Communications</i> , 2012, 42, 678-685.	2.1	11
39	Well-Ordered Mesoporous Silica Nanoparticles as a Recoverable Catalyst for One-Pot Multicomponent Synthesis of 4H-Chromene Derivatives. <i>Chinese Journal of Catalysis</i> , 2012, 33, 1486-1494.	14.0	51
40	Experimental and theoretical approaches to [1,5]-prototropic generation of an azomethine ylide and a 1,3-dipolar cycloaddition for novel spiropyrrolidine oxindoles synthesis. <i>Journal of Molecular Structure</i> , 2012, 1030, 168-176.	3.6	25
41	A green and rapid approach for the stereoselective vinylation of phenol, thiol and amine derivatives in water. <i>Green Chemistry</i> , 2011, 13, 2851.	9.0	58
42	An experimental and theoretical investigation of the regio- and stereoselectivity of the polar [3+2] cycloaddition of azomethine ylides to nitrostyrenes. <i>Tetrahedron</i> , 2011, 67, 1589-1597.	1.9	61
43	Regioselective synthesis of novel spiroindane-1,3-diones through 1,3-dipolar cycloaddition reactions. <i>Tetrahedron Letters</i> , 2010, 51, 4734-4737.	1.4	24
44	An efficient and mild protocol for the synthesis of unsymmetrical ureas in the absence of catalyst and additives. <i>Chinese Chemical Letters</i> , 2010, 21, 1171-1174.	9.0	4
45	Nanocomposite particles with core-shell morphology III: preparation and characterization of nano Al <sub>2</sub> O <sub>3</sub> /poly(styrene-methyl methacrylate) particles via miniemulsion polymerization. <i>Polymer Bulletin</i> , 2009, 63, 329-340.	3.3	45
46	A mild, simple and efficient method for selective $\alpha$ -monobromination of 1,3-diketones and $\beta$ -keto-esters using pyridinium bromochromate. <i>Chinese Chemical Letters</i> , 2009, 20, 393-396.	9.0	14
47	Microwave-assisted chemoselective copper-catalyzed amination of o-chloro and o-bromobenzoic acids using aromatic amines under solvent free conditions. <i>Chinese Chemical Letters</i> , 2009, 20, 784-788.	9.0	21
48	H6P2W18O62: A green and reusable catalyst for the synthesis of 3,3-diaryloxindole derivatives in water. <i>Monatshefte für Chemie</i> , 2008, 139, 1037-1039.	1.8	28
49	Copper-catalyzed arylation of phenylurea using KF/Al <sub>2</sub> O <sub>3</sub> . <i>Tetrahedron Letters</i> , 2008, 49, 840-843.	1.4	34
50	2-Methyl-2-nitro-1-phenyl-3,5,6,7a'-hexahydrospiro[indoline-3,1-H-pyrrolizin]-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1490-o1490.	0.2	2
51	1,5-Dinitro-2-phenyl-3,5,6,7a'-hexahydrospiro[indoline-3,1-H-pyrrolizin]-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1740-o1740.	0.2	2
52	Poly(sulfone ether amide amide)s as a new generation of soluble, thermally stable polymers. <i>European Polymer Journal</i> , 2005, 41, 491-499.	5.4	42
53	Naphthalene-ring containing diamine and resulting thermally stable polyamides. <i>European Polymer Journal</i> , 2005, 41, 2887-2892.	5.4	30
54	Synthesis, characterization, and properties of novel poly(ether urea)s. <i>Journal of Applied Polymer Science</i> , 2004, 93, 961-965.	2.6	8

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55	Novel thermally stable polyimides based on flexible diamine: synthesis, characterization, and properties. <i>European Polymer Journal</i> , 2004, 40, 2009-2015.	5.4	60