

Nosrat O Mahmoodi

List of Publications by Year in descending order

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papers

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304743

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395702

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of polypyrrole, polyaniline nanoparticles and their nanocomposite for removal of azo dyes; sunset yellow and Congo red. <i>Journal of Cleaner Production</i> , 2018, 179, 235-245.	9.3	155
2	Ru(II) complexes bearing tertiary phosphine ligands: a novel and efficient homogeneous catalyst for one-pot synthesis of dihydropyrano[3,2- <i>i</i>]chromene and tetrahydrobenzo[<i>b</i>]pyran derivatives. <i>Applied Organometallic Chemistry</i> , 2012, 26, 56-61.	3.5	58
3	Facile regioselective synthesis of novel bioactive thiazolyl-pyrazoline derivatives via a three-component reaction and their antimicrobial activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 548-551.	2.2	52
4	A comparative study on the nanoparticles for improved drug delivery systems. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 162, 681-693.	3.8	49
5	Green and efficient synthesis of pyranopyrazoles using [bmim][OH ⁺] as an ionic liquid catalyst in water under microwave irradiation and investigation of their antioxidant activity. <i>RSC Advances</i> , 2016, 6, 85877-85884.	3.6	48
6	Advances in nanomicelles for sustained drug delivery. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 55, 21-34.	5.8	45
7	A choline chloride-based deep eutectic solvent promoted three-component synthesis of tetrahydrobenzo[<i>b</i>]pyran and pyrano[2,3- <i>d</i>] pyrimidinone (thione) derivatives. <i>Journal of Molecular Structure</i> , 2020, 1205, 127652.	3.6	39
8	Recent Advances in the Synthesis of Biscoumarin Derivatives. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 383-394.	1.4	36
9	Facile Regioselective Synthesis of Novel bis-thiazole Derivatives and Their Antimicrobial Activity. <i>Archiv Der Pharmazie</i> , 2013, 346, 860-864.	4.1	34
10	A green, efficient and recyclable Fe ³⁺ @K10 catalyst for the synthesis of bioactive pyrazolo[3,4- <i>b</i>]pyridin-6(7H)-ones under "on water" conditions. <i>Journal of Molecular Structure</i> , 2013, 1051, 169-176.	3.6	32
11	Microwave-assisted synthesis and photochromic properties of new azo-imidazoles. <i>Dyes and Pigments</i> , 2017, 143, 387-392.	3.7	32
12	Evaluating Nanoparticles Decorated on Fe ₃ O ₄ @SiO ₂ -Schiff Base (Fe ₃ O ₄ @SiO ₂ -APTMS-HBA) in Adsorption of Ciprofloxacin from Aqueous Environments. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 3540-3551.	3.7	32
13	Photochromism of several synthesised 1,3-diazabicyclo[3,1,0]hex-3-ene derivatives. <i>Journal of Chemical Research</i> , 2004, 2004, 438-440.	1.3	31
14	Synthesis and photochromism of 1,3-diazabicyclo[3.1.0]hex-3-ene phenol rings. <i>Mendeleev Communications</i> , 2009, 19, 203-205.	1.6	31
15	Synthesis and Photochromic Properties of New Heterocyclic Derivatives of 1,3-Diazabicyclo[3.1.0]Hex-3-ene. <i>Journal of the Chinese Chemical Society</i> , 2007, 54, 635-641.	1.4	29
16	Novel synthesized azo-benzylidene-thiourea as dual naked-eye chemosensor for selective detection of Hg ²⁺ and CN ⁻ ions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 391, 112365.	3.9	28
17	Convenient Ultrasound-Promoted Regioselective Synthesis of Fused 6-Amino-3-methyl-4-aryl-1H-pyrazolo[3,4- <i>b</i>]pyridine-5-carbonitrile. <i>Synthetic Communications</i> , 2011, 41, 2323-2330.	2.1	27
18	Two 1,3-Diazabicyclo[3.1.0]hex-3-enes with a Tripod TM Core. <i>Helvetica Chimica Acta</i> , 2012, 95, 536-542.	1.6	27

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19	New insight into the use of latent catalysts for the synthesis of urea formaldehyde adhesives and the mechanical properties of medium density fiberboards bonded with them. <i>European Polymer Journal</i> , 2019, 112, 195-205.	5.4	27
20	β-Butyrolactone Natural Products via Tributyltin-Hydride-Mediated Radical Cyclizations. <i>Journal of Natural Products</i> , 1992, 55, 194-206.	3.0	26
21	Thiazolyl-pyrazole-biscoumarin synthesis and evaluation of their antibacterial and antioxidant activities. <i>Research on Chemical Intermediates</i> , 2017, 43, 661-678.	2.7	25
22	Synthesis and photochromic properties of disulfide-1,3-diazabicyclo[3.1.0]hex-3-ene functionalized silver nanoparticles. <i>Journal of Molecular Liquids</i> , 2014, 198, 128-133.	4.9	24
23	Synthesis of new bis-benzylidene-hydrazides as a sensitive chromogenic sensor for naked-eye detection of CN ⁻ and AcO ⁻ ions. <i>Tetrahedron</i> , 2018, 74, 4868-4874.	1.9	24
24	Green synthesis of bis-coumarin derivatives using Fe(III) as a catalyst and investigation of their biological activities. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 172-182.	1.4	24
25	Photochromism of azobenzene-thiol-1,3-diazabicyclo-[3.1.0]hex-3-ene on silver nanoparticles. <i>Dyes and Pigments</i> , 2015, 118, 110-117.	3.7	23
26	Anchorage of a ruthenium complex into modified MOF: synergistic effects for selective oxidation of aromatic and heteroaromatic compounds. <i>RSC Advances</i> , 2015, 5, 101013-101022.	3.6	22
27	A comparative study of the photochromic compounds incorporated on the surface of nanoparticles. <i>Journal of Molecular Liquids</i> , 2016, 216, 552-564.	4.9	22
28	One-Pot Multi-Component Synthesis of 1,4-Dihydropyridines Using Zn ²⁺ @KSF and Evaluating Their Antibacterial and Antioxidant Activities. <i>Archiv Der Pharmazie</i> , 2015, 348, 275-282.	4.1	21
29	Pd nanoparticles supported on Fe ₃ O ₄ @SiO ₂ -Schiff base as an efficient magnetically recoverable nanocatalyst for Suzuki-Miyaura coupling reaction. <i>Research on Chemical Intermediates</i> , 2020, 46, 4595-4609.	2.7	21
30	One-pot multicomponent synthesis of indol-3-yl-hydrazinyl thiazoles as antimicrobial agents. <i>Research on Chemical Intermediates</i> , 2016, 42, 6531-6542.	2.7	20
31	Taurine/Choline Chloride Deep Eutectic Solvent as a Novel Eco-Compatible Catalyst to Facilitate the Multi-Component Synthesis of Pyrano[2,3-d]Pyrimidinone (Thione), Hexahydroquinoline, and Biscoumarin Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2020, , 1-22.	2.6	19
32	One-pot diastereoselective synthesis of new racemic and achiral spirohydantoin. <i>Mendeleev Communications</i> , 2004, 14, 304-306.	1.6	18
33	Synthesis and photochromic properties of a novel thiol-terminated 1,3-diazabicyclo[3.1.0]hex-3-ene on silver nanoparticles. <i>Journal of Molecular Structure</i> , 2013, 1048, 166-171.	3.6	18
34	One-Pot Synthesis of Novel 2-(Thiazol-2-yl)-4,5-dihydropyridazin-3(2H)-one Derivatives Catalyzed by Activated KSF. <i>Synthetic Communications</i> , 2014, 44, 245-250.	2.1	17
35	New 1,3-diazabicyclo-[3.1.0]hex-3-ene photochromic azo dyes: Synthesis, characterization and spectroscopic studies. <i>Journal of Molecular Liquids</i> , 2013, 187, 43-48.	4.9	16
36	Effects of 4-hexylresorcinol on the phenoloxidase from <i>Hyphantria cunea</i> (Lepidoptera: Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 6	3.0	16

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37	Facile synthesis and biological assays of novel 2,4-disubstituted hydrazinyl-thiazoles analogs. <i>Molecular Diversity</i> , 2016, 20, 497-506.	3.9	16
38	Cobalt ferrite encapsulated in a zwitterionic chitosan derived shell: An efficient nano-magnetic catalyst for three-component syntheses of pyrano[3,2- <i>i></i> c</i>]quinolines and spirooxindoles. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3891.	3.5	16
39	Synthesis and antibacterial evaluation of several novel tripod pyrazoline with triazine core (TPTC) compounds. <i>Research on Chemical Intermediates</i> , 2017, 43, 2641-2651.	2.7	16
40	Trisannulated Benzene Synthesis by Copper(II) Chloride. <i>Journal of the Chinese Chemical Society</i> , 2002, 49, 91-94.	1.4	15
41	Synthesis of novel thiazolidine-4-one derivatives and their anticancer activity. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017, 192, 344-350.	1.6	15
42	Enantio-, Regio-, and Chemoselective Reduction of Aromatic α -Diketones by Baker's Yeast. <i>Monatshefte für Chemie</i> , 2003, 134, 1283-1288.	1.8	14
43	One-pot Multi-component Synthesis of Mono- and Bis-indolyimidazole Derivatives Using Zn^{2+} @KSF and Their Antibacterial Activity. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2014, 69, 715-720.	0.7	14
44	Synthesis and characterization of derivatives including thiazolidine-2,4-dione/1-H- imidazole and evaluation of antimicrobial, antioxidant, and cytotoxic properties of new synthetic heterocyclic compounds. <i>Research on Chemical Intermediates</i> , 2021, 47, 4129-4155.	2.7	14
45	Dianion-Based Methodology for the Preparation of 2,3-Disubstituted Butyrolactones. <i>Synthetic Communications</i> , 1989, 19, 3371-3378.	2.1	13
46	Synthesis and structure-behavior relationships of tetra-substituted imidazole derivatives of 1,3-diazabicyclo[3,1,0]hex-3-ene. <i>Molecular Diversity</i> , 2012, 16, 737-747.	3.9	13
47	One-pot synthesis and characterization of new cuprous pyrazinoporphyrazines containing peripherally functionalized units. <i>Journal of Molecular Structure</i> , 2012, 1029, 92-97.	3.6	13
48	One-Pot Synthesis and Characterization of Some New Types of 5,5-Disubstituted Bis(imidazolidine-2,4-diones). <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, 288-292.	2.6	13
49	Synthesis and evaluation of biological activities of 4-cyclopropyl-5-(2-fluorophenyl) arylhydrazono-2,3-dihydrothiazoles as potent antioxidant agents. <i>Journal of Sulfur Chemistry</i> , 2016, 37, 196-210.	2.0	13
50	Effect of different acids during the synthesis of urea-formaldehyde adhesives and the mechanical properties of medium-density fiberboards bonded with them. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47256.	2.6	13
51	An efficient approach to bis-benzoquinonylmethanes on water under catalysis of the bio-derived O-carboxymethyl chitosan. <i>RSC Advances</i> , 2016, 6, 27388-27394.	3.6	12
52	Ultrasound and water-mediated synthesis of bis-thiazoles catalyzed by $Fe(SD)_3$ as Lewis acid-surfactant-combined catalyst. <i>Journal of Sulfur Chemistry</i> , 2018, 39, 140-150.	2.0	12
53	Synthetic application of gold complexes on magnetic supports. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5626.	3.5	12
54	Preparation and characterization of diazenyl quinolin-8-ol with trifluoromethyl substituents. <i>Mendeleev Communications</i> , 2006, 16, 192-194.	1.6	11

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55	Regioselective synthesis and antibacterial evaluation of novel bis-pyrimidine derivatives via a three-component reaction. <i>Medicinal Chemistry Research</i> , 2014, 23, 1207-1213.	2.4	11
56	Ultrasound-promoted one-pot four-component synthesis of novel biologically active 3-aryl-2,4-dithioxo-1,3,5-triazepane-6,7-dione and their toxicity investigation. <i>Journal of Sulfur Chemistry</i> , 2016, 37, 613-621.	2.0	11
57	Comparing the Effect of Silybin and Silybin Advanced [®] on Viability and HER2 Expression on the Human Breast Cancer SKBR3 Cell Line by no Serum Starvation. <i>Iranian Journal of Pharmaceutical Research</i> , 2015, 14, 521-30.	0.5	11
58	Microwave-assisted one-pot three-component synthesis of thiazolidinones using KSF@Ni as an efficient heterogeneous catalyst. <i>Journal of Sulfur Chemistry</i> , 2017, 38, 668-678.	2.0	10
59	Photochromic Properties of Novel One-pot Multicomponent Synthesized Tetraarylimidazoles. <i>ChemistrySelect</i> , 2019, 4, 8470-8476.	1.5	10
60	Synthesis of anthracene derivatives of 1,3-diazabicyclo[3.1.0]hex-3-ene. <i>Journal of Molecular Structure</i> , 2015, 1081, 248-253.	3.6	9
61	Dual photo-electrochromic diimides derived from aliphatic aminothiols and π -electron deficient aromatic dianhydrides. <i>Dyes and Pigments</i> , 2017, 146, 203-209.	3.7	9
62	Synthesis and photochromic properties of thiolated N-salicylidene-anilines on silver nanoparticles. <i>Journal of Molecular Structure</i> , 2017, 1128, 21-29.	3.6	9
63	Light-induced switching of 1,3-diazabicyclo-[3.1.0]hex-3-enes on gold nanoparticles. <i>Journal of Molecular Structure</i> , 2018, 1160, 463-470.	3.6	9
64	One pot multicomponent synthesis of Novel Bis(1,2,3-triazolylacetyl) as Potent Antioxidant and Antibacterial Agents. <i>ChemistrySelect</i> , 2019, 4, 5421-5426.	1.5	9
65	Recent developments of metallic nanoparticles and their catalytic activity in organic reactions. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 1326-1337.	1.4	9
66	Ruthenium-catalyzed cross aldol reaction with aldehydes and ketones. <i>Arkivoc</i> , 2009, 2009, 68-75.	0.5	9
67	Synthesis of New Bicyclic Aziridines Containing Chalcone Analogs and Investigation of Their Photochromic Properties. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 875-883.	1.9	9
68	Synthesis of Competitive Inhibitors of Phospholipase A ₂ (PLA ₂). <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2002, 177, 2887-2893.	1.6	8
69	Overview on the recently developed thiazolyl heterocycles as useful therapeutic agents. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 811-843.	1.6	8
70	Efficient Synthesis of (+)-Clopidogrel Bisulfate-Capped Silver Nanoparticles. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2016, 46, 1552-1557.	0.6	8
71	Recent synthetic routes for the synthesis of symmetrical tris-compound. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 311-336.	2.2	8
72	Synthesis and antibacterial evaluation of diaminomaleonitrile-based azo-Schiff bases and 8,9-dihydro-7H-purine-6-carboxamides. <i>Research on Chemical Intermediates</i> , 2020, 46, 3835-3852.	2.7	8

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73	Design and synthesis of novel bis-hydroxychalcones with consideration of their biological activities. <i>Research on Chemical Intermediates</i> , 2018, 44, 2999-3015.	2.7	7
74	Photochromic and Electrochromic Diimide Synthesized Simply from Inexpensive Compounds: A Multidisciplinary Experiment for Undergraduate Students. <i>Journal of Chemical Education</i> , 2018, 95, 1642-1647.	2.3	7
75	Synthesis and photochromic behavior of new hybridized 1,3-diazabicyclo[3.1.0]hex-3-ene with tri, and tetraarylimidazole units. <i>Dyes and Pigments</i> , 2019, 167, 89-97.	3.7	7
76	Design, two-directional synthesis, DFT study of new pyrimido[5,4-d]pyrimidine-2,8-dione derivatives. <i>Tetrahedron</i> , 2019, 75, 749-756.	1.9	7
77	Epoxidation of 1,4-Diaroyl Ethene Derivatives in the Presence of UHP or H ₂ O ₂ . <i>Synthetic Communications</i> , 2010, 40, 3181-3185.	2.1	6
78	Synthesis of 1,3-diazabicyclo[3.1.0]hex-3-ene system under microwave irradiation. <i>Journal of Taibah University for Science</i> , 2013, 7, 72-78.	2.5	6
79	Practical one-pot synthesis of semicarbazone derivatives via semicarbazide, and evaluation of their antibacterial activity. <i>Research on Chemical Intermediates</i> , 2016, 42, 3625-3636.	2.7	6
80	Overview on Developed Synthesis Methods of Triazepane Heterocycles. <i>Journal of the Chinese Chemical Society</i> , 2017, 64, 1023-1034.	1.4	6
81	Diimino Nickel Complex Anchored into the MOF Cavity as Catalyst for Epoxidation of Chalcones and Bischalcones. <i>Journal of Cluster Science</i> , 2017, 28, 949-962.	3.3	6
82	Ultrasonic Assisted Synthesis of 2, 3-Dihydroquinazolin-4(1H)-ones Involving Three-Component Reaction of Isatoic Anhydride, Amines and Pyrazole Carbaldehydes Catalyzed by [Î³-Fe ₂ O ₃ @HAp-SO ₃ H]. <i>Letters in Organic Chemistry</i> , 2019, 17, 24-30.	0.5	6
83	Re-examination of a versatile hydantoins synthesis. <i>Arkivoc</i> , 2007, 2007, 29-36.	0.5	6
84	Evaluating the Synthesis of Bis-π-pyrazolines. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 336-342.	2.6	5
85	Preparation, characterization and use of sulfonylbis(1,4-phenylene)bis(sulfamic acid) as an eco-benign, efficient, reusable and heterogeneous catalyst for the synthesis of mono- and bis-chromenes. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 1889-1898.	2.2	5
86	Colorimetric sensing of cyanide ion by pyromellitic diimides synthesized in one step from commercially available reactants. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 371, 17-24.	3.9	5
87	Sequential one-pot multicomponent synthesis of bis-aminothiazols and evaluation of their antibacterial and antioxidant activities. <i>Journal of the Chinese Chemical Society</i> , 2019, 66, 316-324.	1.4	5
88	[TBP]2SO ₄ ionic liquid catalyst for 4MCR of pyridazinoindazole, indazolophthalazine and pyrazolophthalazine derivatives. <i>Molecular Diversity</i> , 2020, , 1.	3.9	5
89	Introduction of an Effective and Economical Heterogeneous Ruthenium Catalyst for Regioselective Ring-Opening of Epoxides and the Friedel-Crafts Alkylation Reaction of Indoles and Pyrroles. <i>Letters in Organic Chemistry</i> , 2017, 14, 207-217.	0.5	5
90	Introduction of PdCl ₂ supported on tartaric acid modified magnetite nanoparticles (Fe ₃ O ₄ @TA-Pd) as a novel catalytic system in Suzuki-Miyaura coupling reaction. <i>Materials Chemistry and Physics</i> , 2021, 267, 124698.	4.0	4

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91	On Water-Sonochemical Multicomponent Synthesis of Novel Bioactive 1,1-(Aryl)bis(2-(cyclohexylamino)-2-oxoethane-1,1-diyl) Di(alkanoates and benzoates). Journal of Chemistry, 2013, 2013, 1-8.	1.9	3
92	Introducing new and effective catalysts for the synthesis of pyridazino[1,2-a]indazole, indazolo[2,1-b]phthalazine and pyrazolo[1,2-b]phthalazine derivatives. MethodsX, 2020, 7, 100823.	1.6	3
93	Synthesis and exploring the excited-state PES of photochromic hydrogen bond-assembled [2]rotaxane based on 1,3-Diazabicyclo-[3.1.0]hex-3-enes. Research on Chemical Intermediates, 2021, 47, 2557-2572.	2.7	3
94	An efficient RuIII/BINAP catalytic system for the aldol reactions of ketones with various aldehydes. Arkivoc, 2010, 2010, 155-162.	0.5	3
95	Formulation and therapeutic efficacy of PEG-liposomes of sorafenib for the production of NL-PEG-SOR FUM and NL-PEG-SOR TOS. Research on Chemical Intermediates, 2022, 48, 3915-3935.	2.7	3
96	Efficient microscale filtration. Journal of Chemical Education, 1989, 66, 964.	2.3	2
97	Synthesis and Photochromism of Quinolines and Benzo[h]quinolines of 1,3-Diazabicyclo[3.1.0]hex-3-ene. International Journal of Photoenergy, 2011, 2011, 1-6.	2.5	2
98	Facile Access to Aldol Products from Aromatic and Heteroaromatic Aldehydes Using Ruthenium Catalyst. International Journal of Inorganic Chemistry, 2010, 2010, 1-4.	0.6	1