

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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#	ARTICLE	IF	CITATIONS
1	Formulation and therapeutic efficacy of PEG-liposomes of sorafenib for the production of NL-PEG-SOR FUM and NL-PEG-SOR TOS. <i>Research on Chemical Intermediates</i> , 2022, 48, 3915-3935.	2.7	3
2	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. <i>Research on Chemical Intermediates</i> , 2021, 47, 2557-2572.	2.7	3
3	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
4	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
5	Green synthesis of bis-coumarin derivatives using Fe(SD) ₃ as a catalyst and investigation of their biological activities. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 172-182.	1.4	24
6	A choline chloride-based deep eutectic solvent promoted three-component synthesis of tetrahydrobenzo[b]pyran and pyrano[2,3-d] pyrimidinone (thione) derivatives. <i>Journal of Molecular Structure</i> , 2020, 1205, 127652.	3.6	39
7	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
8	[TBP]2SO ₄ ionic liquid catalyst for 4MCR of pyridazinoindazole, indazolophthalazine and pyrazolophthalazine derivatives. <i>Molecular Diversity</i> , 2020, , 1.	3.9	5
9	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
10	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
11	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
12	Synthetic application of gold complexes on magnetic supports. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5626.	3.5	12
13	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. <i>MethodsX</i> , 2020, 7, 100823.	1.6	3
14	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
15	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
16	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
17	Photochromic Properties of Novel One-pot Multicomponent Synthesized Tetraarylimidazoles. <i>ChemistrySelect</i> , 2019, 4, 8470-8476.	1.5	10
18	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

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19	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
20	Ultrasonic Assisted Synthesis of 2, 3-Dihydroquinazolin-4(1H)-ones Involving Three-Component Reaction of Isatoic Anhydride, Amines and Pyrazole Carbaldehydes Catalyzed by [Fe ³⁺ -Fe ₂ O ₃ @HAp-SO ₃ H]. <i>Letters in Organic Chemistry</i> , 2019, 17, 24-30.	0.5	6
21	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
22	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
23	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
24	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
25	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
26	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
27	Recent Advances in the Synthesis of Biscoumarin Derivatives. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 383-394.	1.4	36
28	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
29	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
30	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
31	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
32	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
33	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
34	Microwave-assisted synthesis and photochromic properties of new azo-imidazoles. <i>Dyes and Pigments</i> , 2017, 143, 387-392.	3.7	32
35	Cobalt ferrite encapsulated in a zwitterionic chitosan derived shell: An efficient nano-magnetic catalyst for three-component syntheses of pyrano[3,2- <i>h</i>]quinolines and spirooxindoles. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3891.	3.5	16
36	Overview on Developed Synthesis Methods of Triazepane Heterocycles. <i>Journal of the Chinese Chemical Society</i> , 2017, 64, 1023-1034.	1.4	6

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37	Advances in nanomicelles for sustained drug delivery. Journal of Industrial and Engineering Chemistry, 2017, 55, 21-34.	5.8	45
38	Dual photo-electrochromic diimides derived from aliphatic aminothiols and π -electron deficient aromatic dianhydrides. Dyes and Pigments, 2017, 146, 203-209.	3.7	9
39	Microwave-assisted one-pot three-component synthesis of thiazolidinones using KSF@Ni as an efficient heterogeneous catalyst. Journal of Sulfur Chemistry, 2017, 38, 668-678.	2.0	10
40	Synthesis and antibacterial evaluation of several novel tripod pyrazoline with triazine core (TPTC) compounds. Research on Chemical Intermediates, 2017, 43, 2641-2651.	2.7	16
41	Synthesis and photochromic properties of thiolated N-salicylidene-anilines on silver nanoparticles. Journal of Molecular Structure, 2017, 1128, 21-29.	3.6	9
42	Synthesis of novel thiazolidine-4-one derivatives and their anticancer activity. Phosphorus, Sulfur and Silicon and the Related Elements, 2017, 192, 344-350.	1.6	15
43	Diimino Nickel Complex Anchored into the MOF Cavity as Catalyst for Epoxidation of Chalcones and Bischalcones. Journal of Cluster Science, 2017, 28, 949-962.	3.3	6
44	Thiazolyl-pyrazole-biscoumarin synthesis and evaluation of their antibacterial and antioxidant activities. Research on Chemical Intermediates, 2017, 43, 661-678.	2.7	25
45	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. Letters in Organic Chemistry, 2017, 14, 207-217.	0.5	5
46	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. Journal of Sulfur Chemistry, 2016, 37, 613-621.	2.0	11
47	A comparative study on the nanoparticles for improved drug delivery systems. Journal of Photochemistry and Photobiology B: Biology, 2016, 162, 681-693.	3.8	49
48	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. RSC Advances, 2016, 6, 85877-85884.	3.6	48
49	Facile synthesis and biological assays of novel 2,4-disubstituted hydrazinyl-thiazoles analogs. Molecular Diversity, 2016, 20, 497-506.	3.9	16
50	Synthesis and evaluation of biological activities of 4-cyclopropyl-5-(2-fluorophenyl) arylhydrazono-2,3-dihydrothiazoles as potent antioxidant agents. Journal of Sulfur Chemistry, 2016, 37, 196-210.	2.0	13
51	A comparative study of the photochromic compounds incorporated on the surface of nanoparticles. Journal of Molecular Liquids, 2016, 216, 552-564.	4.9	22
52	Overview on the recently developed thiazolyl heterocycles as useful therapeutic agents. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 811-843.	1.6	8
53	One-pot multicomponent synthesis of indol-3-yl-hydrazinyl thiazoles as antimicrobial agents. Research on Chemical Intermediates, 2016, 42, 6531-6542.	2.7	20
54	Efficient Synthesis of (+)-Clopidogrel Bisulfate-Capped Silver Nanoparticles. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2016, 46, 1552-1557.	0.6	8

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55	An efficient approach to bis-benzoquinonylmethanes on water under catalysis of the bio-derived O-carboxymethyl chitosan. RSC Advances, 2016, 6, 27388-27394.	3.6	12
56	Practical one-pot synthesis of semicarbazone derivatives via semicarbazide, and evaluation of their antibacterial activity. Research on Chemical Intermediates, 2016, 42, 3625-3636.	2.7	6
57	Effects of 4-hexylresorcinol on the phenoloxidase from <i>Hyphantria cunea</i> (Lepidoptera): Tj ETQq1 1 0.784314 rgBT /Overlock 16	3.0	16
58	One-Pot Multi-Component Synthesis of 1,4-Dihydropyridines Using Zn ²⁺ @KSF and Evaluating Their Antibacterial and Antioxidant Activities. Archiv Der Pharmazie, 2015, 348, 275-282.	4.1	21
59	Photochromism of azobenzene-thiol-1,3-diazabicyclo-[3.1.0]hex-3-ene on silver nanoparticles. Dyes and Pigments, 2015, 118, 110-117.	3.7	23
60	Anchorage of a ruthenium complex into modified MOF: synergistic effects for selective oxidation of aromatic and heteroaromatic compounds. RSC Advances, 2015, 5, 101013-101022.	3.6	22
61	Synthesis of anthracene derivatives of 1,3-diazabicyclo[3.1.0]hex-3-ene. Journal of Molecular Structure, 2015, 1081, 248-253.	3.6	9
62	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. Iranian Journal of Pharmaceutical Research, 2015, 14, 521-30.	0.5	11
63	One-pot Multi-component Synthesis of Mono- and Bis-indolyimidazole Derivatives Using Zn ²⁺ @KSF and Their Antibacterial Activity. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2014, 69, 715-720.	0.7	14
64	One-Pot Synthesis of Novel 2-(Thiazol-2-yl)-4,5-dihydropyridazin-3(2H)-one Derivatives Catalyzed by Activated KSF. Synthetic Communications, 2014, 44, 245-250.	2.1	17
65	Regioselective synthesis and antibacterial evaluation of novel bis-pyrimidine derivatives via a three-component reaction. Medicinal Chemistry Research, 2014, 23, 1207-1213.	2.4	11
66	Evaluating the Synthesis of Bis-pyrazolines. Journal of Heterocyclic Chemistry, 2014, 51, 336-342.	2.6	5
67	Synthesis and photochromic properties of disulfide-1,3-diazabicyclo[3.1.0]hex-3-ene functionalized silver nanoparticles. Journal of Molecular Liquids, 2014, 198, 128-133.	4.9	24
68	New 1,3-diazabicyclo-[3.1.0]hex-3-ene photochromic azo dyes: Synthesis, characterization and spectroscopic studies. Journal of Molecular Liquids, 2013, 187, 43-48.	4.9	16
69	A green, efficient and recyclable Fe ³⁺ @K10 catalyst for the synthesis of bioactive pyrazolo[3,4-b]pyridin-6(7H)-ones under "on water" conditions. Journal of Molecular Structure, 2013, 1051, 169-176.	3.6	32
70	Facile Regioselective Synthesis of Novel bis-thiazole Derivatives and Their Antimicrobial Activity. Archiv Der Pharmazie, 2013, 346, 860-864.	4.1	34
71	Synthesis of 1,3-diazabicyclo[3.1.0]hex-3-ene system under microwave irradiation. Journal of Taibah University for Science, 2013, 7, 72-78.	2.5	6
72	Facile regioselective synthesis of novel bioactive thiazolyl-pyrazoline derivatives via a three-component reaction and their antimicrobial activity. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 548-551.	2.2	52

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73	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
74	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
75	On Water-Sonochemical Multicomponent Synthesis of Novel Bioactive 1,1-(Aryl)bis(2-(cyclohexylamino)-2-oxoethane-1,1-diyl) Di(alkanoates and benzoates). <i>Journal of Chemistry</i> , 2013, 2013, 1-8.	1.9	3
76	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
77	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
78	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
79	Two 1,3-Diazabicyclo[3.1.0]hex-3-enes with a Tripod™ Core. <i>Helvetica Chimica Acta</i> , 2012, 95, 536-542.	2.6	27
80	Ru(II) complexes bearing tertiary phosphine ligands: a novel and efficient homogeneous catalyst for one-pot synthesis of dihydropyrano[3,2-c]chromene and tetrahydrobenzo[<i>b</i>]pyran derivatives. <i>Applied Organometallic Chemistry</i> , 2012, 26, 56-61.	3.5	58
81	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
82	Synthesis and Photochromism of Quinolines and Benzo[<i>h</i>]quinolines of 1,3-Diazabicyclo[3.1.0]hex-3-ene. <i>International Journal of Photoenergy</i> , 2011, 2011, 1-6.	2.5	2
83	Facile Access to Aldol Products from Aromatic and Heteroaromatic Aldehydes Using Ruthenium Catalyst. <i>International Journal of Inorganic Chemistry</i> , 2010, 2010, 1-4.	0.6	1
84	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
85	An efficient Ru(III)/BINAP catalytic system for the aldol reactions of ketones with various aldehydes. <i>Arkivoc</i> , 2010, 2010, 155-162.	0.5	3
86	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
87	Ruthenium-catalyzed cross aldol reaction with aldehydes and ketones. <i>Arkivoc</i> , 2009, 2009, 68-75.	0.5	9
88	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
89	Re-examination of a versatile hydantoins synthesis. <i>Arkivoc</i> , 2007, 2007, 29-36.	0.5	6
90	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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91	Photochromism of several synthesised 1,3-diazabicyclo[3,1,0]hex-3-ene derivatives. Journal of Chemical Research, 2004, 2004, 438-440.	1.3	31
92	One-pot diastereoselective synthesis of new racemic and achiral spirohydantoin. Mendeleev Communications, 2004, 14, 304-306.	1.6	18
93	Enantio-, Regio-, and Chemoselective Reduction of Aromatic α -Diketones by Baker's Yeast. Monatshefte für Chemie, 2003, 134, 1283-1288.	1.8	14
94	Synthesis of Competitive Inhibitors of Phospholipase A 2 (PLA 2). Phosphorus, Sulfur and Silicon and the Related Elements, 2002, 177, 2887-2893.	1.6	8
95	Trisannulated Benzene Synthesis by Copper(II) Chloride. Journal of the Chinese Chemical Society, 2002, 49, 91-94.	1.4	15
96	β -Butyrolactone Natural Products via Tributyltin-Hydride-Mediated Radical Cyclizations. Journal of Natural Products, 1992, 55, 194-206.	3.0	26
97	Dianion-Based Methodology for the Preparation of 2,3-Disubstituted Butyrolactones. Synthetic Communications, 1989, 19, 3371-3378.	2.1	13
98	Efficient microscale filtration. Journal of Chemical Education, 1989, 66, 964.	2.3	2