

Arash Mouradzadegun

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	An improved organic/inorganic solid receptor for colorimetric cyanide-chemosensing in water: towards new mechanism aspects, simplistic use and portability. <i>Chemical Communications</i> , 2014, 50, 15983-15986.	2.2	44
2	Phospho sulfonic acid: A novel and efficient solid acid catalyst for the one-pot preparation of 2H-indazolo[2,1-b]-phthalazine-triones. <i>Journal of the Serbian Chemical Society</i> , 2013, 78, 469-476.	0.4	40
3	Synthesis of a 3D-network polymer supported Bronsted acid ionic liquid based on calix[4]resorcinarene via two post-functionalization steps: a highly efficient and recyclable acid catalyst for the preparation of symmetrical bisamides. <i>RSC Advances</i> , 2014, 4, 31239-31248.	1.7	40
4	3D-network porous polymer based on calix[4]resorcinarenes as an efficient phase transfer catalyst in regioselective conversion of epoxides to azidoalcohols. <i>Catalysis Communications</i> , 2012, 29, 1-5.	1.6	39
5	Poly(4-vinylpyridinium butane sulfonic acid) hydrogen sulfate: An efficient, heterogeneous poly(ionic) liquid catalyst for the synthesis of quinolines under solvent-free conditions. <i>Chinese Journal of Catalysis</i> , 2013, 34, 1861-1868.	6.9	29
6	Copper-loaded hypercrosslinked polymer decorated with pendant amine groups: a green and retrievable catalytic system for quick [3 + 2] Huisgen cycloaddition in water. <i>RSC Advances</i> , 2016, 6, 42522-42531.	1.7	29
7	Facile and selective solvent-free synthesis of 2-isoxazolines under microwave irradiation. <i>Journal of Heterocyclic Chemistry</i> , 2009, 46, 778-781.	1.4	22
8	Thermally-induced ring contraction as a novel and straightforward route for the synthesis of 2-furyl acetonitrile derivatives. <i>Tetrahedron Letters</i> , 2013, 54, 2641-2644.	0.7	21
9	An improved, safe, and efficient conversion of triarylpyrylium perchlorates to corresponding cyanodienones using Amberlite IRA 910[CN]. <i>Monatsh für Chemie</i> , 2013, 144, 375-379.	0.9	19
10	Combined isocyanide-based multi-component Ullmann-type reaction: an efficient access to novel nitrogen-containing pentacyclic compounds. <i>Molecular Diversity</i> , 2015, 19, 797-805.	2.1	19
11	Al(HSO ₄) ₃ /silica gel as a novel catalytic system for the ring opening of epoxides with thiocyanate anion under solvent-free conditions. <i>Chinese Chemical Letters</i> , 2010, 21, 146-150.	4.8	17
12	One-Pot Synthesis of Tweezer-Like Calix[4]resorcinarene Decorated with Pendant Heterocyclic Moieties: An Efficient and Recyclable Heterogeneous PTC for the Preparation of Azidoalcohols in Water. <i>Catalysis Letters</i> , 2014, 144, 1636-1641.	1.4	17
13	The effects of 3,5-substitutions on the photochromism and photoisomerization of some 2,3,4,4,5,6-hexasubstituted 4H-thiopyrans. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1996, 101, 33-37.	2.0	16
14	Synthesis, characterization, and application of poly(4-vinylpyridinium butane sulfonic acid) hydrogen sulfate as a novel poly(ionic liquid) and heterogeneous solid acid catalyst for the preparation of 1,8-dioxo-octahydroxanthones. <i>Research on Chemical Intermediates</i> , 2015, 41, 319-326.	1.3	15
15	Quinoline-based imidazole-fused heterocycles as new inhibitors of 15-lipoxygenase. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 205-209.	2.5	15
16	Rational design, fabrication and characterization of a thiol-rich 3D-porous hypercrosslink polymer as a new engineered Hg ²⁺ sorbent: enhanced selectivity and uptake. <i>New Journal of Chemistry</i> , 2017, 41, 5458-5466.	1.4	15
17	Novel regioselective photochemical transformation of 4-methyl-2,4,6-triphenyl-4H-thiopyran-1,1-dioxide. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2001, 138, 203-205.	2.0	14
18	Efficient Reduction of Thiopyrylium Salts to Corresponding 2H- and 4H-Thiopyrans Under Solvent-Free Condition: Regioselectivity and Mechanism. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005, 180, 1385-1388.	0.8	14

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19	Solid phase extraction of zirconium as arsenazo(III) complex on agar and spectrophotometric determination. <i>Journal of the Iranian Chemical Society</i> , 2011, 8, 951-957.	1.2	14
20	Sulfamic acid-functionalized hydroxyapatite-encapsulated Fe_3O_4 nanoparticles as a magnetically recoverable catalyst for synthesis of N-fused imidazole-quinoline conjugates under solvent-free conditions. <i>RSC Advances</i> , 2015, 5, 83530-83537.	1.7	14
21	Nanostructured polyethersulfone membranes for dye and protein separation: Exploring antifouling role of holmium (III) molybdate nanosheets. <i>Polymer Testing</i> , 2020, 91, 106796.	2.3	14
22	Highly Selective PVC-Based Membrane Electrode Based on 2,6-Diphenylpyrylium Fluoroborate. <i>Journal of the Chinese Chemical Society</i> , 2004, 51, 309-314.	0.8	13
23	Phosphosulfonic acid, an efficient solid acid catalyst for the one-pot preparation of 14-aryl-14H-dibenzo[a,j]xanthenes and 1,8-dioxo-octahydro-xanthenes under solvent-free conditions. <i>Journal of the Serbian Chemical Society</i> , 2013, 78, 1291-1299.	0.4	13
24	An Innovative and Atom-Efficient Synthesis of Bioactive 2-Aroylfuran Derivatives Using Macroporous Polymer-Supported Cyanide. <i>Synlett</i> , 2014, 25, 448-452.	1.0	13
25	Tetraphenolate c-methylcalix[4]resorcinarene as a new heterogeneous phase transfer catalyst for ring-opening of triaryl substituted pyrylium salts in aqueous biphasic medium. <i>Monatshefte für Chemie</i> , 2014, 145, 1663-1667.	0.9	13
26	Synthesis of a Functionalized Polymer Based on a Calix[4]resorcinarene via Covalently Anchored Cationic Moieties: A Reactive Solid Support for Ring Transformation and Expansion of Thiopyrylium Salts. <i>Synthesis</i> , 2015, 47, 630-640.	1.2	13
27	Erbium (III) molybdate as a new nanofiller for fabrication of antifouling polyethersulfone membranes. <i>Materials Today Communications</i> , 2020, 25, 101379.	0.9	12
28	Novel Cesium Membrane Sensor Based on a Cavitand. <i>Journal of the Chinese Chemical Society</i> , 2006, 53, 1209-1214.	0.8	11
29	Expeditious Synthesis of Aromatic Cyanodienones Using Neutral Alumina as a Versatile Heterogeneous Catalyst. <i>Synthetic Communications</i> , 2014, 44, 640-647.	1.1	11
30	Synthesis and biological evaluation of novel imidazopyrimidinamines as anticancer agents. <i>Chemical Biology and Drug Design</i> , 2017, 89, 797-805.	1.5	11
31	Reductive Alkylation of Pentaphenylthiopyrylium Perchlorate: An Approach to Regiospecific Synthesis of Hexasubstituted 2H-Thiopyrans. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 185, 84-87.	0.8	10
32	Design and synthesis of a magnetic hierarchical porous organic polymer: A new platform in heterogeneous phase-transfer catalysis. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4214.	1.7	9
33	Novel Imidazole PVC-Based Membrane Sensor Based on 4-Methyl-2,6-diphenylthiopyrylium. <i>Analytical Letters</i> , 2004, 37, 179-190.	1.0	8
34	Synthesis and Photoisomerization Of 4,4-Diphenyl-2,6-Di(p-Methoxyphenyl)-4H-Thiopyran-1,1-Dioxide, An Approach To The Regioselectivity in Photorearrangement of 2,4,4,6-Tetraaryl-4H-Thiopyran-1,1-Dioxides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2000, 165, 149-154.	0.8	7
35	A novel sulfamic acid functionalized nano-catalyst on the basis of calix[4]resorcinarene for the green one-pot synthesis of 2H-indazolo[2,1-b]phthalazine-triones under thermal solvent-free conditions. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2018, 124, 741-755.	0.8	7
36	KINETIC STUDY ON PHOTOISOMERIZATION OF SOME TETRA- AND HEXASUBSTITUTED 4H-THIOPYRANS. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2000, 157, 193-199.	0.8	6

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37	Novel Imidazole PVC-Based Sensor Based on a Thiopyrilium Compound. <i>Analytical Sciences</i> , 2003, 19, 1387-1390.	0.8	6
38	A straightforward route for covalently anchored pyridinium salt onto upper rim of c-methylcalix[4]resorcinarene with selective antibacterial activity against Gram-positive bacteria. <i>Research on Chemical Intermediates</i> , 2016, 42, 1583-1591.	1.3	6
39	Synthesis of 2-aryl-furan and novel 3,5-diaroyl-4-arylisoxazole derivatives by ring contraction of pyrylium salts. <i>Research on Chemical Intermediates</i> , 2016, 42, 3147-3155.	1.3	6
40	Design and synthesis of a new porous organic polymer equipped with Na ⁺ -propyl sulfamic acid functionalities: As an efficient heterogeneous catalyst for the synthesis of 1,8-dioxo ⁸ octahydroxanthene derivatives. <i>Polymer Engineering and Science</i> , 2018, 58, 1362-1370.	1.5	6
41	Sulfamic acid functionalized 3D-network nanoporous polymer based on calix[4]resorcinarene: a recyclable heterogeneous nanocatalyst for the efficient synthesis of 14-aryl-14H-dibenzo[a,j]xanthenes under thermal neat conditions. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2018, 91, 25-36.	0.9	5
42	Design and Synthesis of Supramolecular Polymer Network Equipped with Pd-porphyrin: An Efficient and Recoverable Heterogeneous Catalyst for C ⁺ C Coupling Reactions. <i>Catalysis Letters</i> , 2021, 151, 658-669.	1.4	5
43	Reinforced polymeric nanocomposites of the Amino-Decorated Polycalix[4]resorcinarene with graphene oxide and reduced graphene oxide as promising candidates in materials science. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 271, 115273.	1.7	5
44	The Effects of the Electron-Donating Methoxy Group on the Photoisomerization of 4-Methyl-2,4,6-triaryl-4H-thiopyran-1,1-dioxides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005, 180, 2555-2561.	0.8	4
45	Synthesis and characterization of supramolecule grafted on modified magnetic nanoparticles: new hybrid organic ⁺ inorganic phase transfer catalyst. <i>Monatshefte F¹4r Chemie</i> , 2017, 148, 367-374.	0.9	4
46	An eco-benign and high speed protocol for the synthesis of 2-aryl-3,5-diarylfuran derivatives using Teflon-supported iodine. <i>Monatshefte F¹4r Chemie</i> , 2018, 149, 27-32.	0.9	4
47	A Facile and Green Synthesis of 2,4,6-Triarylpyridine Derivatives Using the Modified Mesoporous Organic Polymer Based on Calix [4]Resorcinarene: As an Efficient and Reusable Heterogeneous Acidic Catalyst. <i>Kinetics and Catalysis</i> , 2019, 60, 187-195.	0.3	4
48	A Highly Efficient and Eco-Friendly Approach for the Synthesis of Triarylpyridine and Novel Triaryl-[1,3]Thiazepine Derivatives Via Ring Transformation and Expansion of Triarylthiopyrylium Salts. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015, 190, 2031-2039.	0.8	3
49	Improved intermolecular hydride transfer using task-specific ionic liquid: a reasonable and environmentally benign approach for the synthesis of bioactive 2H-thiopyran derivatives. <i>Journal of Sulfur Chemistry</i> , 2015, 36, 624-629.	1.0	3
50	Rapid and Convenient Synthesis of Triarylpyridine Derivatives using Ammonium Carbamate as an Efficient Solid Ammonia Source Assisted by Microwave Irradiation. <i>Current Microwave Chemistry</i> , 2015, 2, 173-178.	0.2	3
51	Photochromism and Photoisomerization in Some 2,3,4,4,5,6-Hexasubstituted 4H-Thiopyrans. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1997, 120, 403-404.	0.8	2
52	Thermal Analysis of Crosslinking Reactions in Epoxy Nanocomposites Containing Polyvinyl Chloride (PVC)-Functionalized Nickel-Doped Nano-Fe ₃ O ₄ . <i>Journal of Composites Science</i> , 2020, 4, 107.	1.4	2
53	Synthesis and characterization of porous organic polymer containing tailored ⁺ metalloporphyrin: highly active ⁺ and reusable catalyst ⁺ for oxidation of benzyl alcohol. <i>Research on Chemical Intermediates</i> , 2021, 47, 4943-4955.	1.3	2
54	Facile and Stereospecific Synthesis of Various Dienones Using Task ⁺ specific Ionic Liquid/Borohydride as Stable and Promoted Hydrogen Release Reagent. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 3574-3577.	1.4	1

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55	A reactive and environmentally friendly protocol for expeditious synthesis of various resorcinarenes using zinc hydrogen sulfate. <i>Supramolecular Chemistry</i> , 2019, 31, 377-381.	1.5	1
56	Metalloporphyrin supported on hyper cross-linked polymer: green protocol for reduction of nitroarenes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2020, 98, 213-221.	0.9	1
57	3D-Network porous polymer bonded metalloporphyrin: An efficient and reusable catalyst for the Baeyer-Villiger oxidation. <i>Journal of Porphyrins and Phthalocyanines</i> , 2022, 26, 171-179.	0.4	1
58	High-Speed Reduction of Triarylpyrylium Salts Using Zn(BH ₄) ₂ /SiO ₂ as an Efficient and Regiospecific Reducing Reagent. <i>Journal of Chemistry</i> , 2013, 2013, 1-5.	0.9	0