

Majid M Heravi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

829

papers

17,619

citations

66

h-index

88

g-index

1,090

ext. papers

19,810

ext. citations

2.5

avg, IF

7.51

L-index

#	Paper	IF	Citations
829	A novel composite of ionic liquid-containing polymer and metal-organic framework as an efficient catalyst for ultrasonic-assisted Knoevenagel condensation.. <i>Scientific Reports</i> , 2022 , 12, 1122	4.9	0
828	Construction and Aromatization of Hantzsch 1,4-Dihydropyridines under Microwave Irradiation: A Green Approach. <i>ChemistrySelect</i> , 2022 , 7,	1.8	1
827	Heteropoly acids: An overview 2022 , 61-140		0
826	Supported palladium oxide nanoparticles in Al-SBA-15 as an efficient and reusable catalyst for the synthesis of pyranopyrazole and benzylpyrazolyl coumarin derivatives via multicomponent reactions. <i>Research on Chemical Intermediates</i> , 2022 , 48, 203-234	2.8	1
825	Applications of heteropoly acids in industry 2022 , 305-373		
824	Applications of heteropoly acids as heterogeneous catalysts 2022 , 141-203		
823	Applications of heteropoly acids as homogeneous catalysts 2022 , 205-264		
822	Catalytic Oxidation of Alcohols over a Nitrogen- and Sulfur-Doped Graphitic Carbon Dot-Modified Magnetic Nanocomposite. <i>Industrial & Engineering Chemistry Research</i> , 2022 , 61, 2010-2022	3.9	1
821	Applications of Claisen condensations in total synthesis of natural products. An old reaction, a new perspective. <i>Tetrahedron</i> , 2022 , 103, 132573	2.4	1
820	Samarium(ii) iodide-mediated reactions applied to natural product total synthesis.. <i>RSC Advances</i> , 2022 , 12, 9944-9994	3.7	1
819	Pd on thermo-responsive composite of silica-coated carbon nanotube and 1-vinyl-3-butylimidazolium-based ionic liquid copolymers as an efficient catalyst for hydrogenation of nitro compounds.. <i>Scientific Reports</i> , 2022 , 12, 3972	4.9	0
818	Fabrication of Heterogeneous-based Lacunary Polyoxometalates as Efficient Catalysts for the Multicomponent and Clean Synthesis of Pyrazolopyranopyrimidines. <i>Inorganic Chemistry Communication</i> , 2022 , 109456	3.1	1
817	Combined experimental and computational study on Ag-NPs immobilized on rod-like hydroxyapatite for promoting Hantzsch reaction. <i>Molecular Catalysis</i> , 2022 , 524, 112319	3.3	0
816	Sulfur-doped graphitic carbon nitride decorated with starch, Fe ₃ O ₄ , and Ag nanoparticles: As efficient and magnetic recoverable nanocatalyst for hydrogenation of nitroaromatics in aqueous media. <i>Diamond and Related Materials</i> , 2022 , 126, 109078	3.5	0
815	Selenium and nitrogen co-doped biochar as an efficient metal-free catalyst for oxidation of aldehydes. <i>Journal of Molecular Structure</i> , 2022 , 1264, 133237	3.4	0
814	Preparation of an Efficient and Recoverable Catalyst through Immobilization of PdCl ₂ on Modified Poly(styrene-co-maleic anhydride) for the Suzuki Cross-Coupling Reaction. <i>Russian Journal of Organic Chemistry</i> , 2021 , 57, 1685-1693	0.7	1
813	Pd on the Composite of Perlite and Allylamine-N-isopropylacrylamide Copolymer: A Thermo-Responsive Catalyst for Hydrogenation of Nitroarenes under Mild Reaction Condition. <i>Catalysts</i> , 2021 , 11, 1334	4	2

812	Techniques and support materials for enzyme immobilization using Ugi multicomponent reaction: an overview. <i>Journal of the Iranian Chemical Society</i> , 2021 , 1	2	1
811	Magnetic composite of Fe_3O_4 hollow sphere and palladium doped nitrogen-rich mesoporous carbon as a recoverable catalyst for C-C coupling reactions. <i>Scientific Reports</i> , 2021 , 11, 22409	4.9	2
810	Application of Pauson-Khand reaction in the total synthesis of terpenes.. <i>RSC Advances</i> , 2021 , 11, 38325-38373	3.7	1
809	Synthesis of indole derivatives as prevalent moieties present in selected alkaloids.. <i>RSC Advances</i> , 2021 , 11, 33540-33612	3.7	4
808	Composite of bentonite and cyclodextrin as an efficient catalyst for promoting chemical transformations in aqueous media. <i>Scientific Reports</i> , 2021 , 11, 5102	4.9	1
807	Application of The Dess-Martin Oxidation in Total Synthesis of Natural Products. <i>Current Organic Synthesis</i> , 2021 , 18, 125-196	1.9	4
806	Pd-free, Sonogashira cross-coupling reaction. An update. <i>Journal of Organometallic Chemistry</i> , 2021 , 936, 121712	2.3	10
805	Pd NPs supported on halloysite functionalized with Schiff base as an efficient catalyst for Sonogashira reaction. <i>Scientific Reports</i> , 2021 , 11, 6223	4.9	6
804	Ultrasound assisted synthesis of Pd NPs decorated chitosan-starch functionalized FeO nanocomposite catalyst towards Suzuki-Miyaura coupling and reduction of 4-nitrophenol. <i>International Journal of Biological Macromolecules</i> , 2021 , 172, 104-113	7.9	33
803	In situ decoration of Au NPs over polydopamine encapsulated GO/FeO nanoparticles as a recyclable nanocatalyst for the reduction of nitroarenes. <i>Scientific Reports</i> , 2021 , 11, 12362	4.9	9
802	Silver incorporated into g-CN/Alginate as an efficient and heterogeneous catalyst for promoting click and A and KA coupling reaction. <i>Scientific Reports</i> , 2021 , 11, 14086	4.9	4
801	Recent Advances on Heteroatom-Doped Porous Carbon/Metal Materials: Fascinating Heterogeneous Catalysts for Organic Transformations. <i>Chemical Record</i> , 2021 , 21, 1985-2073	6.6	7
800	Oxazolidinones as chiral auxiliaries in asymmetric aldol reaction applied to natural products total synthesis. <i>Journal of Organometallic Chemistry</i> , 2021 , 932, 121629	2.3	6
799	Applications of Transition-Metal-Catalyzed Asymmetric Allylic Substitution in Total Synthesis of Natural Products: An Update. <i>Chemical Record</i> , 2021 , 21, 29-68	6.6	8
798	An amino acid@isopolyoxometalate nanoparticles catalyst containing aspartic acid and octamolybdate for the synthesis of functionalized spirochromenes. <i>Inorganic and Nano-Metal Chemistry</i> , 2021 , 51, 896-909	1.2	3
797	Layered double hydroxides as heterogeneous catalyst systems in the cross-coupling reactions: an overview. <i>Molecular Diversity</i> , 2021 , 1	3.1	4
796	Applications of Pauson-Khand reaction in the total synthesis of alkaloids 2021 , 191-226		
795	Recent advances in applications of Friedel-Crafts reactions in total synthesis of alkaloids 2021 , 59-105		

- 794 Applications of Pictet-Spengler reaction in the total synthesis of alkaloids **2021**, 227-294 0
- 793 Immobilized galactose oxidase in alginate gel (GO-Bead): a versatile and efficient biocatalyst for the regioselective synthesis of 1,4-disubstituted-1,2,3-triazoles: click reaction. *Journal of the Iranian Chemical Society*, **2021**, 18, 1471-1478 2 1
- 792 Copper-free Sonogashira cross-coupling reactions: an overview.. *RSC Advances*, **2021**, 11, 6885-6925 3.7 24
- 791 Recent advances in metal-free heteroatom-doped carbon heterogeneous catalysts.. *RSC Advances*, **2021**, 11, 23725-23778 3.7 3
- 790 Applications of the Sonogashira reaction in the total synthesis of alkaloids **2021**, 295-323
- 789 Organocatalyzed Asymmetric Mannich Reaction: An Update. *ChemistrySelect*, **2021**, 6, 1008-1066 1.8 6
- 788 Ag nanoparticles immobilized on new magnetic alginate halloysite as a recoverable catalyst for reduction of nitroaromatics in aqueous media. *Scientific Reports*, **2021**, 11, 17124 4.9 4
- 787 Multicomponent Reactions Based on In Situ Generated Isocyanides for the Construction of Heterocycles. *Chemistry of Heterocyclic Compounds*, **2021**, 57, 709-719 1.4 2
- 786 Buchwald-Hartwig reaction: an update. *Monatshefte Für Chemie*, **2021**, 152, 1127-1171 1.4 2
- 785 Halloysite Nanoclay with High Content of Sulfonic Acid-Based Ionic Liquid: A Novel Catalyst for the Synthesis of Tetrahydrobenzo[b]pyrans. *Catalysts*, **2021**, 11, 1172 4 0
- 784 Catalytic Function of Cu (I) and Cu (II) in Total Synthesis of Alkaloids. *ChemistrySelect*, **2021**, 6, 9230-9287 1.8
- 783 Halloysite functionalized with Cu (II) Schiff base complex containing polymer as an efficient catalyst for chemical transformation. *Inorganic Chemistry Communication*, **2021**, 133, 108955 3.1 3
- 782 Silver nanoparticles supported on P, Se-codoped g-C₃N₄ nanosheet as a novel heterogeneous catalyst for reduction of nitroaromatics to their corresponding amines. *Journal of Molecular Structure*, **2021**, 1242, 130646 3.4 3
- 781 Ce immobilized 1H-pyrazole-3,5-dicarboxylic acid (PDA) modified CoFe₂O₄: A potential magnetic nanocomposite catalyst towards the synthesis of diverse benzo[a]pyrano[2,3-c]phenazine derivatives. *Journal of Molecular Structure*, **2021**, 1245, 131089 3.4 3
- 780 Applications of Diels-Alder cycloaddition reaction in total synthesis of alkaloids **2021**, 11-58
- 779 Recent advances in applications of Suzuki reaction in the total synthesis of alkaloids **2021**, 325-381
- 778 Recent advances in applications of Mannich reaction in total synthesis of alkaloids **2021**, 153-190
- 777 Recent advances in applications of Heck reaction in the total synthesis of alkaloids **2021**, 107-152

776	Applications of selected name reactions in total synthesis of alkaloids 2021 , 1-9		0
775	Investigation of halloysite nanotubes and Schiff base combination with deposited copper iodide nanoparticles as a novel heterogeneous catalytic system. <i>Scientific Reports</i> , 2021 , 11, 23658	4.9	0
774	Prescribed drugs containing nitrogen heterocycles: an overview.. <i>RSC Advances</i> , 2020 , 10, 44247-44311	3.7	118
773	Biochar-Based Graphitic Carbon Nitride Adorned with Ionic Liquid Containing Acidic Polymer: A Versatile, Non-Metallic Catalyst for Acid Catalyzed Reaction. <i>Molecules</i> , 2020 , 25,	4.8	6
772	Ag nanoparticles immobilized on new mesoporous triazine-based carbon (MTC) as green and recoverable catalyst for reduction of nitroaromatic in aqueous media. <i>Scientific Reports</i> , 2020 , 10, 19322	4.9	4
771	Pd immobilized on the composite of halloysite and low-cost bio-based eutectic solvent-derived carbon: An efficient catalyst for hydrogenation in the presence of cyclodextrin. <i>Applied Clay Science</i> , 2020 , 192, 105640	5.2	9
770	An inorganic-organic hybrid material based on a Keggin-type polyoxometalate@Dysprosium as an effective and green catalyst in the synthesis of 2-amino-4H-chromenes via multicomponent reactions. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5793	3.1	11
769	N-Heterocyclic Carbene-Palladium Complex onto Graphene Oxide and Poly (ethylene glycol) (PEG) Applied as Superior Catalyst for the Suzuki-Miyaura Cross-Coupling Reaction in Water. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5805	3.1	5
768	Erbium anchored iminodiacetic acid (IDA) functionalized CoFe ₂ O ₄ nano particles: an efficient magnetically isolable nanocomposite for the facile synthesis of 1,8-naphthyridines. <i>New Journal of Chemistry</i> , 2020 , 44, 11049-11055	3.6	20
767	Hydrogen Peroxide as a Green Oxidant for the Selective Catalytic Oxidation of Benzylic and Heterocyclic Alcohols in Different Media: An Overview. <i>Chemistry</i> , 2020 , 2, 101-178	2.1	9
766	Synthesis of oxindolyl-pyrimidines and oxindolyl-fuopyrimidines from isatin-derived propargylic alcohols. <i>Journal of the Iranian Chemical Society</i> , 2020 , 17, 1743-1751	2	1
765	Efficient and Uncatalyzed Synthesis of Highly Functionalized New Symmetrical Indeno[1,2-b]pyrroles via a One-Pot Four-Component Reaction. <i>ChemistrySelect</i> , 2020 , 5, 3503-3507	1.8	1
764	PdCl ₂ Immobilized on Poly(styrene-co-maleimide) as an Effective Heterogeneous Catalyst for Suzuki Cross-Coupling Reaction. <i>Russian Journal of Organic Chemistry</i> , 2020 , 56, 884-893	0.7	2
763	Applications of Cu(0) encapsulated nanocatalysts as superior catalytic systems in Cu-catalyzed organic transformations.. <i>RSC Advances</i> , 2020 , 10, 24893-24940	3.7	12
762	Preparation of palladated porous nitrogen-doped carbon using halloysite as porogen: disclosing its utility as a hydrogenation catalyst. <i>Scientific Reports</i> , 2020 , 10, 2039	4.9	17
761	Synthesis of palladated magnetic nanoparticle (Pd@Fe ₃ O ₄ /AMOCOA) as an efficient and heterogeneous catalyst for promoting Suzuki and Sonogashira cross-coupling reactions. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5538	3.1	25
760	Synthesis of polymer-supported Zn(II) as a novel and green nanocatalyst for promoting click reactions and using design of experiment for optimization of reaction conditions. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2020 , 57, 488-498	2.2	4
759	Nickel-catalyzed reductive amidation of aryl-triazine ethers. <i>Chemical Communications</i> , 2020 , 56, 1992-1995	3.5	5

758	Ag Nanoparticles Stabilized on Cyclodextrin Polymer Decorated with Multi-Nitrogen Atom Containing Polymer: An Efficient Catalyst for the Synthesis of Xanthenes. <i>Molecules</i> , 2020 , 25,	4.8	17
757	Synthesis of New Bis(Indolyl)Methanes Catalyzed by Benzylsulfamic Acid and Evaluation of Their Antimicrobial Activities. <i>Pharmaceutical Chemistry Journal</i> , 2020 , 53, 947-952	0.9	5
756	Preparation of an efficient catalyst through injection of CuI on modified poly (styrene-co-maleic anhydride) and theoretical investigation of the structural and electronic properties of catalyst. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5435	3.1	4
755	Acidic polymer containing sulfonic acid and carboxylic acid groups heterogenized with natural clay: A novel metal free and heterogeneous catalyst for acid-catalyzed reactions. <i>Polyhedron</i> , 2020 , 179, 114375	2.7	10
754	Applications of Knoevenagel condensation reaction in the total synthesis of natural products. <i>Monatshefte für Chemie</i> , 2020 , 151, 439-482	1.4	24
753	Recent Advances in the Applications of the Intramolecular Suzuki Cross-coupling Reaction in Cyclization and Heterocyclization: An Update. <i>Current Organic Chemistry</i> , 2020 , 23, 2469-2488	1.7	8
752	Recent Advances in the Chemistry and Synthesis of Thienopyrazine, Pyrrolopyrazine and Furopyrazine Derivatives. <i>Current Organic Chemistry</i> , 2020 , 23, 2635-2663	1.7	2
751	Recent Advances in Biginelli-type Reactions. <i>Current Organic Chemistry</i> , 2020 , 24, 1331-1366	1.7	6
750	Application of Bimetallic and Trimetallic Nanoparticles Supported on Graphene as novel Heterogeneous Catalysts in the Reduction of Nitroarenes, Homo-coupling, Suzuki-Miyaura and Sonogashira Reactions. <i>Current Organic Chemistry</i> , 2020 , 24, 2216-2234	1.7	8
749	H5BW12O40-Catalyzed syntheses of 1,4-dihydropyridines and polyhydroquinolines via Hantzsch reaction: Joint experimental and computational studies. <i>Journal of Molecular Structure</i> , 2020 , 1199, 127011	3.4	20
748	Pd stabilized on nanocomposite of halloysite and cyclodextrin derived carbon: An efficient catalyst for hydrogenation of nitroarene. <i>Polyhedron</i> , 2020 , 175, 114210	2.7	14
747	12-Tungstoboric acid (H5BW12O40) as an efficient Lewis acid catalyst for the synthesis of chromenopyrimidine-2,5-diones and thioxochromenopyrimidin-5-ones: Joint experimental and computational study. <i>Journal of Molecular Structure</i> , 2020 , 1205, 127598	3.4	6
746	Reaction of HSSS. radical with guanine and formation of 8-thioguanine: a computational study. <i>Structural Chemistry</i> , 2020 , 31, 763-768	1.8	1
745	Chemoselective synthesis of drug-like pyrrolo[2,3,4-kl]acridin-1-one using polyoxometalate@lanthanoid catalyst. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2020 , 129, 391-401	1.6	2
744	A Nano-sized Nd@Ag@polyoxometalate Catalyst for Catalyzing the Multicomponent Hantzsch and Biginelli Reactions. <i>Journal of Cluster Science</i> , 2020 , 31, 1295-1306	3	5
743	Palladium nanoparticles supported on nitrogen doped porous carbon material derived from cyclodextrin, glucose and melamine based polymer: promising catalysts for hydrogenation reactions. <i>Pure and Applied Chemistry</i> , 2020 , 92, 827-837	2.1	1
742	Green fabrication of reduced graphene oxide decorated with Ag nanoparticles (rGO/Ag NPs) nanocomposite: A reusable catalyst for the degradation of environmental pollutants in aqueous medium. <i>Journal of Molecular Liquids</i> , 2020 , 319, 114302	6	28
741	Recent Advances in Stetter Reaction and Related Chemistry: An update. <i>Asian Journal of Organic Chemistry</i> , 2020 , 9, 1999-2034	3	21

740	Fabrication of a metal free catalyst for chemical reactions through decoration of chitosan with ionic liquid terminated dendritic moiety. <i>Scientific Reports</i> , 2020 , 10, 19666	4.9	7
739	Microwave-Assisted Synthesis of Quinazolines and Quinazolinones: An Overview. <i>Frontiers in Chemistry</i> , 2020 , 8, 580086	5	11
738	One-pot nitrodebromination and methyl bi-functionalization of 5-bromo 6-methylpyrimidines: a unique simultaneous transformation. <i>Monatshefte Für Chemie</i> , 2020 , 151, 1395-1401	1.4	
737	Recent applications of the Wittig reaction in alkaloid synthesis. <i>The Alkaloids Chemistry and Biology</i> , 2020 , 84, 201-334	4.8	6
736	Chemo- and diastereoselective synthesis of new oxa[3.3.3]propellane via a domino cascade four-component reaction based on diketene. <i>Journal of Heterocyclic Chemistry</i> , 2020 , 57, 4192-4199	1.9	2
735	Silver nanoparticles-decorated Preyssler functionalized cellulose biocomposite as a novel and efficient catalyst for the synthesis of 2-amino-4H-pyrans and spirochromenes. <i>Scientific Reports</i> , 2020 , 10, 14540	4.9	8
734	Bio-assisted synthesized Ag(0) nanoparticles stabilized on hybrid of sepiolite and chitin: efficient catalytic system for xanthene synthesis. <i>Scientific Reports</i> , 2020 , 10, 15285	4.9	6
733	Applications of Wittig Reaction in the Total Synthesis of Natural Macrolides. <i>ChemistrySelect</i> , 2020 , 5, 9654-9690	1.8	6
732	Pd on poly(1-vinylimidazole) decorated magnetic S-doped grafitic carbon nitride: an efficient catalyst for catalytic reduction of organic dyes. <i>Scientific Reports</i> , 2020 , 10, 13440	4.9	12
731	New Biscoumarin Derivatives as Potent α -Glucosidase Inhibitors: Synthesis, Biological Evaluation, Kinetic Analysis, and Docking Study. <i>Polycyclic Aromatic Compounds</i> , 2020 , 40, 915-926	1.3	16
730	Synthesis of various N-heterocycles using the four-component Ugi reaction. <i>Advances in Heterocyclic Chemistry</i> , 2020 , 131, 351-403	2.4	19
729	Synthesis of Novel Dihydrothieno- and Thiopyrano Quinolines from 3-Formyl-2-Mercaptoquinoline Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2020 , 40, 1406-1416	1.3	1
728	Synthesis of N-heterocycles containing 1,5-disubstituted-1H-tetrazole via post-Ugi-azide reaction. <i>Molecular Diversity</i> , 2020 , 24, 841-853	3.1	11
727	Cascade process for direct synthesis of indeno[1,2-b]furans and indeno[1,2-b]pyrroles from diketene and ninhydrin. <i>Molecular Diversity</i> , 2020 , 24, 1313-1325	3.1	3
726	Electrochemically Induced Diels-Alder Reaction: An Overview. <i>Chemical Record</i> , 2020 , 20, 273-331	6.6	1
725	Investigation of the uncommon basic properties of [Ln(W5O18)2]9 ⁺ [Ln ³⁺ : La, Ce, Nd, Gd, Tb) by changing central lanthanoids in the syntheses of pyrazolopyranopyrimidines. <i>Journal of Molecular Structure</i> , 2020 , 1199, 126953	3.4	13
724	Bio-assisted synthesized Pd nanoparticles supported on ionic liquid decorated magnetic halloysite: an efficient catalyst for degradation of dyes. <i>Scientific Reports</i> , 2020 , 10, 6535	4.9	29
723	Green synthesis of Ag NPs on magnetic polyallylamine decorated g-CN by <i>Heracleum persicum</i> extract: efficient catalyst for reduction of dyes. <i>Scientific Reports</i> , 2020 , 10, 6579	4.9	29

722	A biocompatible chitosan-ionic liquid hybrid catalyst for regioselective synthesis of 1,2,3-triazols. <i>International Journal of Biological Macromolecules</i> , 2019 , 140, 939-948	7.9	10
721	Pd supported on magnetic carbon coated halloysite as hydrogenation catalyst: Study of the contribution of carbon layer and magnetization to the catalytic activity. <i>Applied Clay Science</i> , 2019 , 182, 105299	5.2	32
720	Magnetic hybrid of cyclodextrin nanosponge and polyhedral oligomeric silsesquioxane: Efficient catalytic support for immobilization of Pd nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2019 , 128, 638-647	7.9	16
719	Bioactive exopolysaccharide from <i>Neopestalotiopsis</i> sp. strain SKE15: Production, characterization and optimization. <i>International Journal of Biological Macromolecules</i> , 2019 , 129, 127-139	7.9	12
718	Applications of inorganic-organic hybrid architectures based on polyoxometalates in catalyzed and photocatalyzed chemical transformations. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4808	3.1	22
717	XtalFluor-E: A useful and versatile reagent in organic transformations. <i>Journal of Fluorine Chemistry</i> , 2019 , 225, 11-20	2.1	9
716	Pd@magnetic Carbon Dot Immobilized on the Cyclodextrin Nanosponges - Biochar Hybrid as an Efficient Hydrogenation Catalyst. <i>ChemistrySelect</i> , 2019 , 4, 7300-7307	1.8	8
715	Oxalyl Chloride: A Versatile Reagent in Organic Transformations. <i>ChemistrySelect</i> , 2019 , 4, 6309-6337	1.8	6
714	In situ preparation and characterization of novel CuI-functionalized poly[(methyl methacrylate)-co-maleimide] as an efficient heterogeneous catalyst in the regioselective synthesis of 1,2,3-triazoles via click reaction: Experimental and computational chemistry. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4967	3.1	11
713	Well-dispersed N-heterocyclic carbene-palladium complex anchored onto poly(acrylic acid)/poly(vinyl alcohol) nanofibers: Novel, superior and ecofriendly nanocatalyst for the Suzuki-Miyaura cross-coupling reaction. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4934	3.1	11
712	Preparation, characterization and application of core-shell Fe ₃ O ₄ @MAPTMS@PAA@Triazole@Cu(I) nano-composite as a magnetically separable and highly efficient catalyst for selective oxidation of aromatic alcohols using hydrogen peroxide. <i>Journal of Alloys and Compounds</i> , 2019 , 799, 279-287	5.7	6
711	Salep as a biological source for the synthesis of biochar with utility for the catalysis. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4990	3.1	4
710	Combination of polymer and halloysite chemistry for development of a novel catalytic hybrid system. <i>Research on Chemical Intermediates</i> , 2019 , 45, 4349-4366	2.8	4
709	Retraction Note to: Computational studies on the regioselectivity of metal-catalyzed synthesis of 1,2,3 triazoles via click reaction: a review. <i>Journal of Molecular Modeling</i> , 2019 , 25, 86	2	
708	Advances in Kumada-Tamao-Corriu cross-coupling reaction: an update. <i>Monatshefte für Chemie</i> , 2019 , 150, 535-591	1.4	18
707	Organocatalyzed Asymmetric Friedel-Crafts Reactions: An Update. <i>Chemical Record</i> , 2019 , 19, 2236-2340	6.6	12
706	Applications of Dainshefsky's Dienes in the Asymmetric synthesis of Aza-Diels-Alder Reaction. <i>Chemical Record</i> , 2019 , 19, 550-600	6.6	14
705	Highly regio- and diastereoselective synthesis of oxo-1,2,3,4-tetrahydropyrazino[1,2-a]indoles, based on a post-Ugi condensation: joint experimental and computational study. <i>Journal of the Iranian Chemical Society</i> , 2019 , 16, 1517-1526	2	0

704	Pd@GO/Fe ₃ O ₄ /PAA/DCA: a novel magnetic heterogeneous catalyst for promoting the Sonogashira cross-coupling reaction. <i>Journal of Coordination Chemistry</i> , 2019 , 72, 2279-2293	1.6	15
703	Recent advances in the applications of Wittig reaction in the total synthesis of natural products containing lactone, pyrone, and lactam as a scaffold. <i>Monatshefte Für Chemie</i> , 2019 , 150, 1365-1407	1.4	20
702	SMA/Py/ZnO as a new biocompatible polymer supported nanocatalyst for the synthesis of chromeno[2,3-d] pyrimidine-diones through a novel and efficient pathway. <i>Canadian Journal of Chemistry</i> , 2019 , 97, 772-779	0.9	3
701	Ag ₃ [PMo ₁₂ O ₄₀): An efficient and green catalyst for the synthesis of highly functionalized pyran-annulated heterocycles via multicomponent reaction. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e5043	3.1	10
700	Synthesis of Pyrazolo-[4,3:5,6]pyrido[2,3-d]pyrimidine-diones Catalyzed by a Nano-sized Surface-Grafted Neodymium Complex of the Tungstosilicate via Multicomponent Reaction. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e5058	3.1	8
699	Synthesis of Various N-heterocycles Using the Ugi Four-Center Three-Component Reaction. <i>ChemistrySelect</i> , 2019 , 4, 10187-10196	1.8	11
698	Combination of Experimental and Computational Approaches: Recent Developments in Catalytic Organic and Bioorganic Reactions. <i>Current Organic Chemistry</i> , 2019 , 23, 1379-1380	1.7	
697	Pd@tetrahedral hollow magnetic nanoparticles coated with N-doped porous carbon as an efficient catalyst for hydrogenation of nitroarenes. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e5229	3.1	3
696	Screening and Comparative Characterization of Microorganisms from Iranian Soil Samples Showing Transaminase Activity toward a Plethora of Substrates. <i>Catalysts</i> , 2019 , 9, 874	4	6
695	Palladated Nanocomposite of Halloysite-Nitrogen-Doped Porous Carbon Prepared from a Novel Cyano-/Nitrile-Free Task Specific Ionic Liquid: An Efficient Catalyst for Hydrogenation. <i>ACS Omega</i> , 2019 , 4, 19442-19451	3.9	32
694	Investigation of Photocatalytic Activity of Anchored Dysprosium and Praseodymium Complexes on CoFe ₂ O ₄ in Synthesis of Pyrano[2,3-d]pyrimidine Derivatives. <i>ChemistrySelect</i> , 2019 , 4, 10742-10747	1.8	4
693	Joint Computational and Experimental Investigations on the Synthesis and Properties of Hantzsch-type Compounds: An Overview. <i>Current Organic Chemistry</i> , 2019 , 23, 1421-1438	1.7	4
692	Acid-functionalized Mesoporous Silicate (KIT-5-Pr-SO ₃ H) Synthesized as an Efficient and Nanocatalyst for Green Multicomponent. <i>Current Organic Synthesis</i> , 2019 , 16, 145-153	1.9	5
691	Alkynes as Privileged Synthons in Selected Organic Name Reactions. <i>Current Organic Synthesis</i> , 2019 , 16, 205-243	1.9	17
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163	Synthesis of Thiazinobenzimidazole Derivatives in a Solventless System Under Microwave Irradiation. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005 , 180, 1605-1610	1	0
162	Reductive Amination of Aldehydes and Ketones with Sodium Borohydride Supported Onto HZSM-5 Zeolite Under Microwave Irradiation in a Solvent Free System. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005 , 180, 2047-2050	1	6
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151	A catalytic method for synthesis of Biginelli-type 3,4-dihydropyrimidin-2 (1H)-one using 12-tungstophosphoric acid. <i>Journal of Molecular Catalysis A</i> , 2005 , 242, 173-175		120
150	Regioselective synthesis of 6-benzylthiazolo[3,2-b]1,2,4-triazoles during Sonogashira coupling. <i>Tetrahedron Letters</i> , 2005 , 46, 1607-1610	2	55
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148	Catalytic aromatization of Hantzsch 1,4-dihydropyridines by ferric perchlorate in acetic acid. <i>Tetrahedron Letters</i> , 2005 , 46, 2775-2777	2	112
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137	RAPID SYNTHESIS OF SOME NEW PROPANOL DERIVATIVES ANALOGOUS TO FLUCONAZOLE UNDER MICROWAVE IRRADIATION IN SOLVENTLESS SYSTEM. <i>Heterocyclic Communications</i> , 2005 , 11,	1.7	5
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