

M Hassan Beyzavi

List of Publications by Year in descending order

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61
papers

2,760
citations

304602

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docs citations

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3704
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#	ARTICLE	IF	CITATIONS
1	Fluoride etched Ni-based electrodes as economic oxygen evolution electrocatalysts. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 1613-1623.	3.8	7
2	Fluorinated Cycloplatinated(II) Complexes Bearing Bisphosphine Ligands as Potent Anticancer Agents. <i>Organometallics</i> , 2021, 40, 72-82.	1.1	17
3	Probe metal binding mode of imine covalent organic frameworks: cycloiridation for (photo)catalytic hydrogen evolution from formate. <i>Chemical Science</i> , 2021, 12, 7930-7936.	3.7	14
4	A Bioconjugated Chlorin-Based Metal-Organic Framework for Targeted Photodynamic Therapy of Triple Negative Breast and Pancreatic Cancers. <i>ACS Applied Bio Materials</i> , 2021, 4, 1432-1440.	2.3	19
5	Pt(II)-Decorated Covalent Organic Framework for Photocatalytic Difluoroalkylation and Oxidative Cyclization Reactions. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 6349-6358.	4.0	27
6	Catalyst-Enabled <i>In Situ</i> Linkage Reduction in Imine Covalent Organic Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 21740-21747.	4.0	12
7	The Utilization of Para-Substituted Triphenylphosphine Derivatives to Synthesize Highly Emissive Cyclometalated Platinum(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 4821.	1.0	6
8	Recombinant peptide fusion construction for protein-templated catalytic palladium nanoparticles. <i>Biotechnology Progress</i> , 2020, 36, e2956.	1.3	7
9	Using a Faculty-Developed Documentary-Style Film to Communicate Authentic Chemistry Research to a High School Audience. <i>Journal of Chemical Education</i> , 2020, 97, 2351-2355.	1.1	8
10	A C ^N Cycloplatinated(II) Fluoride Complex: Photophysical Studies and Csp ³ -F Bond Formation. <i>Inorganic Chemistry</i> , 2020, 59, 16319-16327.	1.9	17
11	Sulfur-Decorated Hyper-Cross-Linked Coal Tar: A Microporous Organic Polymer for Efficient and Expedient Mercury Removal. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 44117-44124.	4.0	19
12	Catalytic Activity, Stability, and Loading Trends of Alcohol Dehydrogenase Enzyme Encapsulated in a Metal-Organic Framework. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 26084-26094.	4.0	37
13	Maltotriose Conjugated Metal-Organic Frameworks for Selective Targeting and Photodynamic Therapy of Triple Negative Breast Cancer Cells and Tumor Associated Macrophages. <i>Advanced Therapeutics</i> , 2020, 3, 2000029.	1.6	15
14	(Thio)urea-Based Covalent Organic Framework as a Hydrogen-Bond-Donating Catalyst. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 29212-29217.	4.0	19
15	Translation of HDAC6 PET Imaging Using [¹⁸ F]EKZ-001- ^c GMP Production and Measurement of HDAC6 Target Occupancy in Nonhuman Primates. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1093-1101.	1.7	26
16	Preparation and Applications of Metal-Organic Frameworks (MOFs): A Laboratory Activity and Demonstration for High School and/or Undergraduate Students. <i>Journal of Chemical Education</i> , 2020, 97, 1109-1116.	1.1	34
17	Applications of Dynamic Covalent Chemistry Concept toward Tailored Covalent Organic Framework Nanomaterials: A Review. <i>ACS Applied Nano Materials</i> , 2020, 3, 6239-6269.	2.4	96
18	Recombinant Peptide Fusion Protein-templated Palladium Nanoparticles for Suzuki-Miyaura and Stille Coupling Reactions. <i>ChemCatChem</i> , 2020, 12, 2942-2946.	1.8	10

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19	Radiosynthesis, in vitro and preliminary in vivo evaluation of the novel glutamine derived PET tracers [18F]fluorophenylglutamine and [18F]fluorobiphenylglutamine. Nuclear Medicine and Biology, 2020, 86-87, 20-29.	0.3	5
20	Straightforward and Expeditious One-Pot Tandem Synthesis of 3,5-Diaryl-1,2,4-Selenadiazoles from Aryl Nitriles. Synthesis, 2019, 51, 4279-4283.	1.2	0
21	trans-Platinum(II) Thionate Complexes: Synthesis, Structural Characterization, and in vitro Biological Assessment as Potent Anticancer Agents. ChemPlusChem, 2019, 84, 1525-1535.	1.3	9
22	Multicomponent Synthesis of Diversified Chromeno[3,2-d]oxazoles. ACS Combinatorial Science, 2019, 21, 557-561.	3.8	10
23	Charge Transport through Self-Assembled Monolayers of Monoterpenoids. Angewandte Chemie, 2019, 131, 8181-8186.	1.6	2
24	Synthesis and biological evaluation of thiolate gold(I) complexes as thioredoxin reductase (TrxR) and glutathione reductase (GR) inhibitors. New Journal of Chemistry, 2019, 43, 13173-13182.	1.4	22
25	Covalent Organic Frameworks for the Capture, Fixation, or Reduction of CO ₂ . Frontiers in Energy Research, 2019, 7, .	1.2	91
26	Nano-2-(dimethylamino)-N-(silica-n-propyl)-N,N-dimethylethanaminium chloride as a novel basic catalyst for the efficient synthesis of pyrido[2,3-d:6,5-d']dipyrimidines. New Journal of Chemistry, 2019, 43, 2247-2257.	1.4	27
27	Aryliodoazide Synthons: A Different Approach for Diversified Synthesis of 2-Aminothiazole, 1,3-Thiazole, and 1,3-Selenazole Scaffolds. ACS Combinatorial Science, 2019, 21, 516-521.	3.8	9
28	Metal-free and benign approach for the synthesis of dihydro-5H-spiro[benzo[chromene-8,4-oxazole]-5,6(7H)-dione scaffolds as masked amino acids. Green Chemistry, 2019, 21, 2656-2661.	1.6	6
29	Charge Transport through Self-Assembled Monolayers of Monoterpenoids. Angewandte Chemie - International Edition, 2019, 58, 8097-8102.	7.2	9
30	A Nanostructured Organic-Inorganic Hybrid Material: Preparation, Characterization and Catalytic Performance for the Synthesis of N,N-Alkylidene Bisamides. ChemistrySelect, 2019, 4, 3953-3960.	0.7	7
31	Synthesis, structural characterization, biological evaluation and molecular docking studies of new platinum(II) complexes containing isocyanides. New Journal of Chemistry, 2018, 42, 8681-8692.	1.4	13
32	(Benzyl isocyanide)gold(I) pyrimidine-thiolate complex: Synthesis and biological activity. Applied Organometallic Chemistry, 2018, 32, e4200.	1.7	12
33	Cycloplatinated complexes bearing 1,1-bis(diphenylphosphino)ferrocene ligand: biological evaluation and molecular docking studies. New Journal of Chemistry, 2018, 42, 2385-2392.	1.4	22
34	Metal-Organic Frameworks and Covalent Organic Frameworks as Platforms for Photodynamic Therapy. Comments on Inorganic Chemistry, 2018, 38, 238-293.	3.0	24
35	Micro-flow nanocatalysis: synergic effect of TfOH@SPIONs and micro-flow technology as an efficient and robust catalytic system for the synthesis of plasticizers. RSC Advances, 2018, 8, 37835-37840.	1.7	1
36	Green and Facile Synthesis of Highly Photoluminescent Multicolor Carbon Nanocrystals for Cancer Therapy and Imaging. ACS Applied Bio Materials, 2018, 1, 1458-1467.	2.3	12

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37	Magnetic Nanoparticle Anchored Deep Eutectic Solvents as a Catalyst for the Etherification and Amination of Naphthols. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4372-4380.	2.1	12
38	Highly Emissive Cycloplatinated(II) Complexes Obtained by the Chloride Abstraction from the Complex [Pt(ppy)(PPh ₃)(Cl)]: Employing Various Silver Salts. <i>Organometallics</i> , 2018, 37, 2890-2900.	1.1	16
39	¹⁸ F-Deoxyfluorination of Phenols via Ru(II)-Complexes. <i>ACS Central Science</i> , 2017, 3, 944-948.	5.3	74
40	Liquid-Phase Epitaxially Grown Metal-Organic Framework Thin Films for Efficient Tandem Catalysis Through Site-Isolation of Catalytic Centers. <i>ChemPlusChem</i> , 2016, 81, 708-713.	1.3	21
41	Nitration of arenes by 1-sulfonylpyridinium nitrate as an ionic liquid and reagent by in situ generation of NO ₂ . <i>RSC Advances</i> , 2016, 6, 89572-89577.	1.7	16
42	Design and characterization of nano-silica-bonded 3-n-propyl-1-sulfonic acid imidazolium chloride {nano-SB-[PSIM]Cl} as a novel, heterogeneous and reusable catalyst for the condensation of arylaldehydes with 1 ² -naphthol and alkyl carbamates. <i>Research on Chemical Intermediates</i> , 2016, 42, 2365-2378.	1.3	22
43	Condensation of Aryl Aldehydes, 2-naphthol, and Thioacetamide Catalyzed by <i>N</i> -halo Reagents in Neutral Media. <i>Journal of the Chinese Chemical Society</i> , 2015, 62, 850-854.	0.8	3
44	Exploiting parameter space in MOFs: a 20-fold enhancement of phosphate-ester hydrolysis with UiO-66-NH ₂ . <i>Chemical Science</i> , 2015, 6, 2286-2291.	3.7	265
45	Metal-Organic Framework-Based Catalysts: Chemical Fixation of CO ₂ with Epoxides Leading to Cyclic Organic Carbonates. <i>Frontiers in Energy Research</i> , 2015, 2, .	1.2	225
46	A Hafnium-Based Metal-Organic Framework as a Nature-Inspired Tandem Reaction Catalyst. <i>Journal of the American Chemical Society</i> , 2015, 137, 13624-13631.	6.6	137
47	Post-assembly transformations of porphyrin-containing metal-organic framework (MOF) films fabricated via automated layer-by-layer coordination. <i>Chemical Communications</i> , 2015, 51, 85-88.	2.2	54
48	Facile preparation of a nanostructured functionalized catalytically active organosalt. <i>Journal of Materials Chemistry A</i> , 2014, 2, 770-777.	5.2	66
49	A Hafnium-Based Metal-Organic Framework as an Efficient and Multifunctional Catalyst for Facile CO ₂ Fixation and Regioselective and Enantioselective Epoxide Activation. <i>Journal of the American Chemical Society</i> , 2014, 136, 15861-15864.	6.6	470
50	Research Update: A hafnium-based metal-organic framework as a catalyst for regioselective ring-opening of epoxides with a mild hydride source. <i>APL Materials</i> , 2014, 2, .	2.2	7
51	Bulk polymer nanoparticles containing a tetrakis(3-hydroxyphenyl)porphyrin for fast and highly selective separation of mercury ions. <i>Mikrochimica Acta</i> , 2013, 180, 791-799.	2.5	46
52	Synthesis of hexahydroquinolines using the new ionic liquid sulfonic acid functionalized pyridinium chloride as a catalyst. <i>Chinese Journal of Catalysis</i> , 2013, 34, 1936-1944.	6.9	63
53	Synthesis of Functionalized, Sterically Congested Calix[4]pyrrolone Macrocycles Using Donor-Acceptor-Substituted Cyclopropanes - First Example of a Mono-meso-spirolactone Incorporated into a Calix[4]pyrrolone. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 269-282.	1.2	18
54	Synthesis of New Functionalized Calix[n]pyrrolone Macrocycles with Varied Ring Sizes by Using a Sterically Congested Dipyromethane. <i>Chemistry - A European Journal</i> , 2013, 19, 6203-6208.	1.7	13

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55	Synthesis, characterization and application of ionic liquid 1,3-disulfonic acid imidazolium hydrogen sulfate as an efficient catalyst for the preparation of hexahydroquinolines. <i>Journal of Molecular Liquids</i> , 2013, 178, 113-121.	2.3	103
56	Synthesis of Functionalized <i>trans</i> - A_2B_2 -Porphyrins Using Donor-Acceptor Cyclopropane-Derived Dipyrromethanes. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1409-1422.	2.1	19
57	A highly stable and active magnetically separable Pd nanocatalyst in aqueous phase heterogeneously catalyzed couplings. <i>Green Chemistry</i> , 2013, 15, 2132.	4.6	131
58	Ionic liquid triethylamine-bonded sulfonic acid $\{[\text{Et}_3\text{N}^+\text{SO}_3\text{H}]\text{Cl}^-\}$ as a novel, highly efficient and homogeneous catalyst for the synthesis of β -acetamido ketones, 1,8-dioxo-octahydroxanthenes and 14-aryl-14H-dibenzo[<i>a,j</i>]xanthenes. <i>Journal of Molecular Liquids</i> , 2012, 167, 69-77.	2.3	135
59	Mannich reaction of secondary amines, aldehydes and alkynes in water using Cu/C nanoparticles as a heterogeneous catalyst. <i>Journal of the Iranian Chemical Society</i> , 2011, 8, S89-S103.	1.2	32
60	A catalyst-free protocol for the green and efficient condensation of indoles with aldehydes in ionic liquids. <i>Canadian Journal of Chemistry</i> , 2009, 87, 416-421.	0.6	53
61	Reusable Porphyrinatoiron(III) Complex Supported on Activated Silica as an Efficient Heterogeneous Catalyst for a Facile, One-Pot, Selective Synthesis of 2-Arylbenzimidazole Derivatives in the Presence of Atmospheric Air as a "Green" Oxidant at Ambient Temperature. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 4126-4138.	1.2	85