

Mohammad Reza Poor Heravi

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

407
citations

933447

10
h-index

888059

17
g-index

43
all docs

43
docs citations

43
times ranked

274
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel One-Pot Pseudo-Five-Component Green Synthesis and Biological Activities <i>In Vitro</i> of 5,5- ϵ^2 -(Arylmethylene)Bis (4-Hydroxythiazol-2(3 <i>H</i>)-One) Using Triton-X-100 as High Efficient Catalytic System. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 2540-2552.	2.6	3
2	2-Aminoisoindoline-1,3-Dione-Functionalized Fe ₃ O ₄ /Chloro-Silane Core-Shell Nanoparticles as Reusable Catalyst: An Efficient Heterogeneous Magnetic Nanoparticles for Synthesis of 4 <i>H</i> -Pyran Derivatives through Multicomponent Reaction. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 4561-4577.	2.6	9
3	The interaction between ethionamide and pristine, Si-, Ga-, and Al-doped boron nitride nanoflakes: A computational study. <i>Journal of Sulfur Chemistry</i> , 2022, 43, 78-94.	2.0	3
4	Green synthesis and antibacterial, antifungal activities of 4H-pyran, tetrahydro-4H-chromenes and spiro-2-oxindole derivatives by highly efficient Fe ₃ O ₄ @SiO ₂ @NH ₂ @Pd(OCOCH ₃) ₂ nanocatalyst. <i>Journal of Molecular Structure</i> , 2022, 1249, 131534.	3.6	19
5	Molecular simulation of the paracetamol drug interaction with Pt-decorated BC ₃ graphene-like nanosheet. <i>Molecular Simulation</i> , 2022, 48, 517-525.	2.0	2
6	Study the Nature of the Interaction Between 5-Fluorouracil Anti-cancer Drug and Zinc Oxide Nanocage. <i>Brazilian Journal of Physics</i> , 2022, 52, 1.	1.4	3
7	Density functional theory studies on C ₂₀ with substitutional TinNn impurities. <i>Journal of Molecular Modeling</i> , 2022, 28, 62.	1.8	4
8	A theoretical survey on the chlorine dioxide (ClO ₂) and its decomposed species detection by the AlN nanotube in presence of environmental gases. <i>Monatshefte für Chemie</i> , 2022, 153, 21-29.	1.8	1
9	Electronic sensors for alkali and alkaline earth cations based on Fullerene-C ₆₀ and silicon doped on C ₆₀ nanocages: a computational study. <i>Journal of Molecular Modeling</i> , 2022, 28, 148.	1.8	9
10	Strategies for the direct oxidative esterification of thiols with alcohols. <i>RSC Advances</i> , 2022, 12, 14521-14534.	3.6	3
11	Stereoselective cycloaddition of biologically active thioindoline with the smallest nanocage in gas phase versus solution via density functional theory. <i>Journal of Physical Organic Chemistry</i> , 2022, 35, .	1.9	0
12	Dichlorosilane adsorption on the Al, Ga, and Zn-doped fullerenes. <i>Monatshefte für Chemie</i> , 2022, 153, 427-434.	1.8	25
13	Synthesis of Novel Biologically Important 5-Amino-2-Oxo-7-Aryl-3,7-Dihydro-2 <i>H</i> -Pyrano[2,3-d]Thiazole-6-Carbonitriles in Trifluoroethanol (TFE) under Ultrasound Irradiation Condition and Their Antimicrobial Activity. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 2263-2273.	2.6	5
14	Intermolecular difunctionalization of alkenes: synthesis of β^2 -hydroxy sulfides. <i>RSC Advances</i> , 2021, 11, 13138-13151.	3.6	33
15	Recent trends in the direct oxyphosphorylation of C=C multiple bonds. <i>RSC Advances</i> , 2021, 11, 470-483.	3.6	18
16	Progress and recent trends in the direct selenocyanation of (hetero)aromatic C-H bonds. <i>RSC Advances</i> , 2021, 11, 22305-22316.	3.6	13
17	Adsorption of <i>syn</i> -propanethial S-oxide on the Zn ₁₂ O ₁₂ cluster: insights from ab-initio modelling. <i>Journal of Sulfur Chemistry</i> , 2021, 42, 308-321.	2.0	1
18	A computational perspective of novel N-heterocyclic silylenes using density functional theory. <i>Journal of Physical Organic Chemistry</i> , 2021, 34, e4197.	1.9	0

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19	Characterization of novel pyridine-derived <i>N</i> -heterocyclic silylenes via density functional theory perspective. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 1405-1412.	1.4	8
20	Transition-metal-catalyzed dehydrogenative coupling of alcohols and amines: A novel and atom-economical access to amides. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 723-737.	1.4	25
21	Oxidative trifluoromethyl(thiol/selenol)ation of terminal alkynes: An overview. <i>Journal of Fluorine Chemistry</i> , 2021, 245, 109762.	1.7	30
22	Aroyl fluorides: Novel and promising arylating agents. <i>Journal of Fluorine Chemistry</i> , 2021, 248, 109806.	1.7	33
23	Investigation of fused remote N-heterocyclic silylenes (frNHSis), at DFT. <i>Journal of Molecular Modeling</i> , 2021, 27, 299.	1.8	0
24	Alkylative/arylate carboxylation of unsaturated hydrocarbons utilizing CO ₂ as C1 synthon: An update. <i>Journal of CO₂ Utilization</i> , 2021, 52, 101664.	6.8	7
25	Hydroxysulfonylation of alkenes: an update. <i>RSC Advances</i> , 2021, 11, 21651-21665.	3.6	13
26	PANI-Fe ₃ O ₄ @ZnO nanocomposite as magnetically recoverable organometallic nanocatalyst promoted synthesis of new Azo chrome dyes and evaluation of their antioxidant and antimicrobial activities. <i>Molecular Diversity</i> , 2021, , 1.	3.9	9
27	Recent advances in direct trifluoromethylselenolation of C-H bonds. <i>Journal of Fluorine Chemistry</i> , 2021, 252, 109901.	1.7	10
28	Quantum chemical studies of mercaptan gas detection with calcium oxide nanocluster. <i>Journal of Molecular Modeling</i> , 2021, 27, 345.	1.8	1
29	Substitution effects via aromaticity, polarizability, APT, AIM, IR analysis, and hydrogen adsorption in C ₂₀ -nTin nanostructures: a DFT survey. <i>Journal of Molecular Modeling</i> , 2021, 27, 348.	1.8	6
30	Recent trends in dehydroxylative trifluoro-methylation, -methoxylation, -methylthiolation, and -methylselenylation of alcohols. <i>RSC Advances</i> , 2021, 11, 39593-39606.	3.6	7
31	One-pot of Three-component Synthesis of Novel Biologically Important 5-Amino-1,3-diaryl-1H-pyrazole-4-carbonitriles Using L-Proline Catalyst and their Antimicrobial Activity. <i>Letters in Organic Chemistry</i> , 2019, 16, 922-930.	0.5	3
32	Effective preparation of 5,5 TM -(arylmethylene)bis(4-hydroxythiazole-2(3 H)-one) in an aqueous fluoroalcohol solvent system under ultrasound irradiation at room temperature. <i>Chinese Chemical Letters</i> , 2017, 28, 1039-1043.	9.0	7
33	One-pot, four-component synthesis of novel biologically important indeno[2,3-b]quinoxaline]-3-carbonitriles in fluoro-alcohols under ultrasound irradiation. <i>Research on Chemical Intermediates</i> , 2017, 43, 4265-4282.	2.7	12
34	SBA-15-functionalized melamine-pyridine group-supported palladium(0) as an efficient heterogeneous and recyclable nanocatalyst for <i>N</i> -arylation of indoles through Ullmann-type coupling reactions. <i>Applied Organometallic Chemistry</i> , 2015, 29, 334-337.	3.5	22
35	Synthesis of new 4,6-diaryl-2-(arylthio)nicotinonitriles in Triton X-100 aqueous micellar media. <i>Chinese Chemical Letters</i> , 2015, 26, 263-266.	9.0	8
36	Boric Acid Catalyzed Convenient Synthesis of Benzimidazoles in Aqueous Media. <i>Journal of Chemistry</i> , 2013, 2013, 1-5.	1.9	5

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37	Efficient Knoevenagel Condensation Reactions Catalyzed by Activated Gel Zirconium(IV) Oxide. Journal of Chemistry, 2013, 2013, 1-5.	1.9	3
38	An Efficient Synthesis of Bis-indolyindane-1,3-diones, Indan-1,3-diones, and Indene-1,3(2H)-diones Using [Hbm]BF ₄ Ionic Medium. ISRN Organic Chemistry, 2013, 2013, 1-8.	1.0	0
39	Novel ZrOCl ₂ ·8H ₂ O-Catalysed One-Pot Multicomponent Synthesis of 9,10-Dihydro-8H-benzo[a]xanthen-11(12H)-one Derivatives. Organic Chemistry International, 2013, 2013, 1-5.	1.0	4
40	An efficient synthesis of quinolines derivatives promoted by a room temperature ionic liquid at ambient conditions under ultrasound irradiation via the tandem addition/annulation reaction of o-aminoaryl ketones with 1,2-methylene ketones. Ultrasonics Sonochemistry, 2009, 16, 361-366.	8.2	41
41	Substituent effects of fused Hammick silylenes via density functional theory survey. Journal of Physical Organic Chemistry, 0, , e4264.	1.9	2
42	The effects of heteroatom substituents on structure, stability, and electronic properties of remote <i>N</i> -heterocyclic germylenes (rNHGs), at DFT. Journal of Physical Organic Chemistry, 0, , .	1.9	0
43	Solvent effect on cycloaddition of C ₂₀ nanofullerene with indoline-one, at DFT. Journal of Physical Organic Chemistry, 0, , .	1.9	0