

Hossein Salavati

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

717
citations

687363

13
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

1053
citing authors

#	ARTICLE	IF	CITATIONS
1	Concentration of lead and mercury in collected vegetables and herbs from Markazi province, Iran: a non-carcinogenic risk assessment. <i>Food and Chemical Toxicology</i> , 2018, 113, 204-210.	3.6	125
2	Chitosan /Zeolite Y/Nano ZrO ₂ nanocomposite as an adsorbent for the removal of nitrate from the aqueous solution. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 254-266.	7.5	110
3	Preparation and characterization of polyphosphotungstate/ZrO ₂ nanocomposite and their sonocatalytic and photocatalytic activity under UV light illumination. <i>Ultrasonics Sonochemistry</i> , 2012, 19, 546-553.	8.2	56
4	Hydrocarbon oxidation catalyzed by vanadium polyoxometalate supported on mesoporous MCM-41 under ultrasonic irradiation. <i>Ultrasonics Sonochemistry</i> , 2008, 15, 438-447.	8.2	52
5	Simultaneous voltammetric sensing of acetaminophen, epinephrine and melatonin using a carbon paste electrode modified with zinc ferrite nanoparticles. <i>Mikrochimica Acta</i> , 2018, 185, 479.	5.0	48
6	Sonochemical and visible light induced photochemical and sonophotochemical degradation of dyes catalyzed by recoverable vanadium-containing polyphosphomolybdate immobilized on TiO ₂ nanoparticles. <i>Ultrasonics Sonochemistry</i> , 2008, 15, 815-822.	8.2	40
7	In vivo Toxicity Investigation of Magnesium Oxide Nanoparticles in Rat for Environmental and Biomedical Applications. <i>Iranian Journal of Biotechnology</i> , 2019, 17, 1-9.	0.3	38
8	Fast and sensitive determination of doxorubicin using multi-walled carbon nanotubes as a sensor and CoFe ₂ O ₄ magnetic nanoparticles as a mediator. <i>Mikrochimica Acta</i> , 2016, 183, 49-56.	5.0	37
9	A carbon paste electrode modified with Al ₂ O ₃ -supported palladium nanoparticles for simultaneous voltammetric determination of melatonin, dopamine, and acetaminophen. <i>Mikrochimica Acta</i> , 2019, 186, 540.	5.0	34
10	Sonocatalytic epoxidation of alkenes by vanadium-containing polyphosphomolybdate immobilized on multi-wall carbon nanotubes. <i>Ultrasonics Sonochemistry</i> , 2010, 17, 453-459.	8.2	26
11	Olefin epoxidation with H ₂ O ₂ catalyzed by vanadium-containing polyphosphomolybdates immobilized on TiO ₂ nanoparticles under different conditions. <i>Catalysis Communications</i> , 2008, 9, 1001-1009.	3.3	18
12	Synthesis and characterization of supported heteropolymolybdate nanoparticles between silicate layers of Bentonite with enhanced catalytic activity for epoxidation of alkenes. <i>Materials Research Bulletin</i> , 2011, 46, 1853-1859.	5.2	17
13	Evaluation of antibacterial property of hydroxyapatite and zirconium oxide-modified magnetic nanoparticles against <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> . <i>IET Nanobiotechnology</i> , 2019, 13, 449-455.	3.8	16
14	Sonocatalytic oxidation of olefins catalyzed by heteropolyanion-montmorillonite nanocomposite. <i>Ultrasonics Sonochemistry</i> , 2010, 17, 145-152.	8.2	14
15	Characterization and catalytic properties of molybdenum oxide catalysts supported on ZrO ₂ -Al ₂ O ₃ for ammoxidation of toluene. <i>RSC Advances</i> , 2014, 4, 37679-37686.	3.6	13
16	Immobilization of a palladium(II) bis(imidazolium) complex onto graphene oxide by noncovalent interactions: an efficient and recyclable catalyst for Suzuki-Miyaura reaction. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 529-536.	2.2	11
17	An investigation of the association between the level of prolactin in serum and type II diabetes. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2019, 13, 3035-3041.	3.6	11
18	Electrocatalytic oxidation of ethanol on a glassy carbon electrode modified with a gold nanoparticle-coated hydrolyzed CaFe-Cl layered double hydroxide in alkaline medium. <i>RSC Advances</i> , 2016, 6, 27293-27300.	3.6	9

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19	Preparation, characterization and heterogeneous catalytic activity of heteropolyanion/polyaniline nanocomposite. <i>Applied Surface Science</i> , 2011, 257, 4532-4538.	6.1	8
20	Zirconia-supported Keggin phosphomolybdovanadate nanocomposite: A heterogeneous and reusable catalyst for alkene epoxidation under thermal and ultrasonic irradiation conditions. <i>Comptes Rendus Chimie</i> , 2011, 14, 588-596.	0.5	8
21	Developments of modified magnetic nanoparticle-supported heteropolyacid photocatalytic performances in methylene blue scavenger. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 1218-1228.	1.4	6
22	Preparation, characterization and photochemical degradation of dyes under UV light irradiation by inorganic-organic nanocomposite. <i>Materials Science in Semiconductor Processing</i> , 2013, 16, 1904-1911.	4.0	5
23	Tin Levels in Perennial and Annual Green Leafy Vegetables. <i>International Journal of Vegetable Science</i> , 2017, 23, 340-345.	1.3	5
24	Highly active electrocatalysts for ethanol oxidation based on gold nanodendrites modified with NiFe ₂ O ₄ nanoparticles decorated multi-walled carbon nanotubes. <i>Chemical Papers</i> , 2019, 73, 2687-2695.	2.2	5
25	A Novel Hydrazine Electrochemical Sensor Based on Gold Nanoparticles Decorated Redox-Active 2-Amino-4H-Chromene-3-Carbonitrile. <i>IEEE Sensors Journal</i> , 2017, 17, 7325-7331.	4.7	3