

Mohadeseh Zarei Ghobadi

List of Publications by Citations

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38
papers

490
citations

14
h-index

21
g-index

40
ext. papers

604
ext. citations

5.7
avg. IF

4.04
L-index

#	Paper	IF	Citations
38	Conversions of Mn oxides to nanolayered Mn oxide in electrochemical water oxidation at near neutral pH, all to a better catalyst: catalyst evolution. <i>Dalton Transactions</i> , 2013 , 42, 16683-6	4.3	56
37	Nanolayered manganese oxide/poly(4-vinylpyridine) as a biomimetic and very efficient water oxidizing catalyst: toward an artificial enzyme in artificial photosynthesis. <i>Chemical Communications</i> , 2013 , 49, 8824-6	5.8	51
36	New findings and the current controversies for water oxidation by a copper(ii)-azo complex: homogeneous or heterogeneous?. <i>Dalton Transactions</i> , 2015 , 44, 15435-40	4.3	41
35	The biological water-oxidizing complex at the nano-bio interface. <i>Trends in Plant Science</i> , 2015 , 20, 559-63,1	3.1	39
34	Comparison of nano-sized Mn oxides with the Mn cluster of photosystem II as catalysts for water oxidation. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2015 , 1847, 294-306	4.6	25
33	Polypeptide and Mn ₄ O ₄ oxide: Toward a biomimetic catalyst for water-splitting systems. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 5504-5512	6.7	23
32	The conversion of CoSe ₂ to Co oxide under the electrochemical water oxidation condition. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 13469-13475	6.7	21
31	Quantum Dot-Based Biosensor for the Detection of Human T-Lymphotropic Virus-1. <i>Analytical Letters</i> , 2017 , 50, 2402-2411	2.2	19
30	Interaction of removal Ethidium Bromide with Carbon Nanotube: Equilibrium and Isotherm studies. <i>Journal of Environmental Health Science & Engineering</i> , 2014 , 12, 17	2.9	19
29	Human T-lymphotropic virus 1 (HTLV-1) pathogenesis: A systems virology study. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 3968-3979	4.7	19
28	An engineered polypeptide around nano-sized manganese-calcium oxide: copying plants for water oxidation. <i>Dalton Transactions</i> , 2015 , 44, 15271-8	4.3	18
27	Identifying novel biomarkers of the pediatric influenza infection by weighted co-expression network analysis. <i>Virology Journal</i> , 2019 , 16, 124	6.1	14
26	Removal of ethidium bromide by carbon nanotube in aqueous solution: isotherms, equilibrium mechanism studies, and its comparison with nanoscale of zero valent iron as adsorbent. <i>Journal of Nanostructure in Chemistry</i> , 2013 , 3, 1	7.6	14
25	An insight to HTLV-1-associated myelopathy/tropical spastic paraparesis (HAM/TSP) pathogenesis; evidence from high-throughput data integration and meta-analysis. <i>Retrovirology</i> , 2019 , 16, 46	3.6	14
24	The effect of different metal ions between nanolayers of manganese oxide on water oxidation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014 , 141, 247-52	6.7	13
23	A multimodal deep learning-based drug repurposing approach for treatment of COVID-19. <i>Molecular Diversity</i> , 2021 , 25, 1717-1730	3.1	13
22	Evaluation of INOS, ICAM-1, and VCAM-1 gene expression: A study of adult T cell leukemia malignancy associated with HTLV-1. <i>Archives of Virology</i> , 2017 , 162, 1009-1015	2.6	10

21	Rethink about electrolyte: Potassium fluoride as a promising additive to an electrolyte for the water oxidation by a nanolayered Mn oxide. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 15160-15166	6.7	9
20	A nano-sized manganese oxide in a protein matrix as a natural water-oxidizing site. <i>Plant Physiology and Biochemistry</i> , 2014 , 81, 3-15	5.4	9
19	Nano-sized layered manganese oxide in a poly-L-glutamic acid matrix: a biomimetic, homogenized, heterogeneous structural model for the water-oxidizing complex in photosystem II. <i>RSC Advances</i> , 2014 , 4, 39077-39081	3.7	7
18	Prevalence of human influenza virus in Iran: Evidence from a systematic review and meta-analysis. <i>Microbial Pathogenesis</i> , 2018 , 115, 168-174	3.8	6
17	Identification of common microRNA between COPD and non-small cell lung cancer through pathway enrichment analysis. <i>BMC Genomic Data</i> , 2021 , 22, 41	0	6
16	Treated nanolayered Mn oxide by potassium fluoride: An improvement for nanolayered Mn oxide toward water oxidation. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 21203-21211	6.7	6
15	High-performance porphyrin-like graphene quantum dots for immuno-sensing of Salmonella typhi. <i>Biosensors and Bioelectronics</i> , 2021 , 188, 113334	11.8	6
14	Evaluation of HTLV-1 HBZ and proviral load, together with host IFN β , in pathogenesis of HAM/TSP. <i>Journal of Medical Virology</i> , 2017 , 89, 1102-1107	19.7	5
13	Deciphering microRNA-mRNA regulatory network in adult T-cell leukemia/lymphoma; the battle between oncogenes and anti-oncogenes. <i>PLoS ONE</i> , 2021 , 16, e0247713	3.7	5
12	Identification of dysregulated pathways underlying HTLV-1-associated myelopathy/tropical spastic paraparesis through co-expression network analysis. <i>Journal of NeuroVirology</i> , 2021 , 1	3.9	4
11	Application of supervised Kohonen map and counter propagation neural network for classification of nucleic acid structures based on their circular dichroism spectra. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 132, 345-54	4.4	3
10	Long segment detection of HTLV-1 genome based on the fluorescence quenching technique. <i>Heliyon</i> , 2018 , 4, e00996	3.6	3
9	Decoding pathogenesis factors involved in the progression of ATLL or HAM/TSP after infection by HTLV-1 through a systems virology study. <i>Virology Journal</i> , 2021 , 18, 175	6.1	3
8	Identification of joint gene players implicated in the pathogenesis of HTLV-1 and BLV through a comprehensive system biology analysis. <i>Microbial Pathogenesis</i> , 2021 , 160, 105153	3.8	3
7	Phylogenetic and phylodynamic study of Human T-cell lymphotropic virus Type 1 (HTLV-1) in Iran. <i>Infection, Genetics and Evolution</i> , 2020 , 85, 104426	4.5	1
6	Integration of gene co-expression analysis and multi-class SVM specifies the functional players involved in determining the fate of HTLV-1 infection toward the development of cancer (ATLL) or neurological disorder (HAM/TSP).. <i>PLoS ONE</i> , 2022 , 17, e0262739	3.7	1
5	Evaluating the cytotoxicity and pathogenicity of multi-walled carbon nanotube through weighted gene co-expression network analysis: a nanotoxicogenomics study.. <i>BMC Genomic Data</i> , 2022 , 23, 12	0	1
4	Potential role of viral infection and B cells as a linker between innate and adaptive immune response in systemic lupus erythematosus. <i>Immunologic Research</i> , 2021 , 69, 196-204	4.3	0

3	Exploration of mRNAs and miRNAs classifiers for various ATLL cancer subtypes using machine learning.. <i>BMC Cancer</i> , 2022 , 22, 433	4.8	o
2	Reconnaissance of the candidate genes involved in the pathogenesis of human immunodeficiency virus and targeted by antiretroviral therapy. <i>Journal of Medical Virology</i> , 2019 , 91, 2134-2141	19.7	
1	A systematic review and meta-analysis of killer-cell immunoglobulin-like receptor (KIR) family genes association with risk of hepatitis B virus (HBV). <i>Gene Reports</i> , 2021 , 23, 101096	1.4	