

Mohadeseh Zarei Ghobadi

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

690
citations

516215

16
h-index

580395

25
g-index

40
all docs

40
docs citations

40
times ranked

754
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.6	61
2	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.	2.2	52
3	New findings and the current controversies for water oxidation by a copper(II)-azo complex: homogeneous or heterogeneous?. <i>Dalton Transactions</i> , 2015, 44, 15435-15440.	1.6	48
4	The biological water-oxidizing complex at the nano-bio interface. <i>Trends in Plant Science</i> , 2015, 20, 559-568.	4.3	46
5	A multimodal deep learning-based drug repurposing approach for treatment of COVID-19. <i>Molecular Diversity</i> , 2021, 25, 1717-1730.	2.1	44
6	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.	3.8	34
7	Human T-lymphotropic virus 1 (HTLV-1) pathogenesis: A systems virology study. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 3968-3979.	1.2	26
8	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.	0.5	25
9	Polypeptide and Mn-Ca oxide: Toward a biomimetic catalyst for water-splitting systems. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 5504-5512.	3.8	24
10	Interaction of removal Ethidium Bromide with Carbon Nanotube: Equilibrium and Isotherm studies. <i>Journal of Environmental Health Science & Engineering</i> , 2014, 12, 17.	1.4	22
11	Quantum Dot-Based Biosensor for the Detection of Human T-Lymphotropic Virus-1. <i>Analytical Letters</i> , 2017, 50, 2402-2411.	1.0	22
12	High-performance porphyrin-like graphene quantum dots for immuno-sensing of Salmonella typhi. <i>Biosensors and Bioelectronics</i> , 2021, 188, 113334.	5.3	22
13	Identifying novel biomarkers of the pediatric influenza infection by weighted co-expression network analysis. <i>Virology Journal</i> , 2019, 16, 124.	1.4	21
14	An engineered polypeptide around nano-sized manganese-calcium oxide: copying plants for water oxidation. <i>Dalton Transactions</i> , 2015, 44, 15271-15278.	1.6	19
15	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.	5.3	17
16	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.	0.9	17
17	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, 247-252.	1.7	15
18	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.	3.8	14

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19	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.	0.9	13
20	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.	1.1	13
21	Identification of common microRNA between COPD and non-small cell lung cancer through pathway enrichment analysis. <i>BMC Genomic Data</i> , 2021, 22, 41.	0.7	13
22	Prevalence of human influenza virus in Iran: Evidence from a systematic review and meta-analysis. <i>Microbial Pathogenesis</i> , 2018, 115, 168-174.	1.3	11
23	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.	1.4	11
24	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.	1.3	11
25	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.	2.8	9
26	Evaluation of HTLV-1 HBZ and proviral load, together with host IFN γ , in pathogenesis of HAM/TSP. <i>Journal of Medical Virology</i> , 2017, 89, 1102-1107.	2.5	9
27	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.	1.1	9
28	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.	3.8	8
29	Identification of dysregulated pathways underlying HTLV-1-associated myelopathy/tropical spastic paraparesis through co-expression network analysis. <i>Journal of NeuroVirology</i> , 2021, 27, 820-830.	1.0	8
30	Exploration of mRNAs and miRNAs classifiers for various ATLL cancer subtypes using machine learning. <i>BMC Cancer</i> , 2022, 22, 433.	1.1	8
31	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.	1.7	7
32	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.	1.0	7
33	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.	0.7	7
34	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, 345-354.	2.0	3
35	Long segment detection of HTLV-1 genome based on the fluorescence quenching technique. <i>Heliyon</i> , 2018, 4, e00996.	1.4	3
36	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.	1.3	3

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37	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.	2.5	0
38	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.	0.4	0