Mohadeseh Zarei Ghobadi

List of Publications by Year
in descending order

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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	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). PLoS ONE, 2022, 17, e0262739.	1.1	9
2	Evaluating the cytotoxicity and pathogenicity of multi-walled carbon nanotube through weighted gene co-expression network analysis: a nanotoxicogenomics study. BMC Genomic Data, 2022, 23, 12.	0.7	7
3	Exploration of mRNAs and miRNAÂclassifiers for various ATLL cancer subtypes using machine learning. BMC Cancer, 2022, 22, 433.	1.1	8
4	A multimodal deep learning-based drug repurposing approach for treatment of COVID-19. Molecular Diversity, 2021, 25, 1717-1730.	2.1	44
5	Identification of dysregulated pathways underlying HTLV-1-associated myelopathy/tropical spastic paraparesis through co-expression network analysis. Journal of NeuroVirology, 2021, 27, 820-830.	1.0	8
6	Deciphering microRNA-mRNA regulatory network in adult T-cell leukemia/lymphoma; the battle between oncogenes and anti-oncogenes. PLoS ONE, 2021, 16, e0247713.	1.1	13
7	Potential role of viral infection and B cells as a linker between innate and adaptive immune response in systemic lupus erythematosus. Immunologic Research, 2021, 69, 196-204.	1.3	3
8	A systematic review and meta-analysis of killer-cell immunoglobulin-like receptor (KIR) family genes association with risk of hepatitis B virus (HBV). Gene Reports, 2021, 23, 101096.	0.4	0
9	Decoding pathogenesis factors involved in the progression of ATLL or HAM/TSP after infection by HTLV-1 through a systems virology study. Virology Journal, 2021, 18, 175.	1.4	11
10	High-performance porphyrin-like graphene quantum dots for immuno-sensing of Salmonella typhi. Biosensors and Bioelectronics, 2021, 188, 113334.	5.3	22
11	Identification of joint gene players implicated in the pathogenesis of HTLV-1 and BLV through a comprehensive system biology analysis. Microbial Pathogenesis, 2021, 160, 105153.	1.3	11
12	Identification of common microRNA between COPD and non-small cell lung cancer through pathway enrichment analysis. BMC Genomic Data, 2021, 22, 41.	0.7	13
13	Phylogenetic and phylodynamic study of Human T-cell lymphotropic virus Type 1 (HTLV-1) in Iran. Infection, Genetics and Evolution, 2020, 85, 104426.	1.0	7
14	Reconnaissance of the candidate genes involved in the pathogenesis of human immunodeficiency virus and targeted by antiretroviral therapy. Journal of Medical Virology, 2019, 91, 2134-2141.	2.5	0
15	Identifying novel biomarkers of the pediatric influenza infection by weighted co-expression network analysis. Virology Journal, 2019, 16, 124.	1.4	21
16	An insight to HTLV-1-associated myelopathy/tropical spastic paraparesis (HAM/TSP) pathogenesis; evidence from high-throughput data integration and meta-analysis. Retrovirology, 2019, 16, 46.	0.9	17
17	Prevalence of human influenza virus in Iran: Evidence from a systematic review and meta-analysis. Microbial Pathogenesis, 2018, 115, 168-174.	1.3	11
18	Human Tâ€lymphotropic virus 1 (HTLVâ€1) pathogenesis: A systems virology study. Journal of Cellular Biochemistry, 2018, 119, 3968-3979.	1.2	26

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19	Long segment detection of HTLV-1 genome based on the fluorescence quenching technique. Heliyon, 2018, 4, e00996.	1.4	3
20	Evaluation of INOS, ICAM-1, and VCAM-1 gene expression: A study of adult T cell leukemia malignancy associated with HTLV-1. Archives of Virology, 2017, 162, 1009-1015.	0.9	13
21	Rethink about electrolyte: Potassium fluoride as a promising additive to an electrolyte for the water oxidation by a nanolayered Mn oxide. International Journal of Hydrogen Energy, 2017, 42, 15160-15166.	3.8	14
22	Evaluation of HTLVâ€1 HBZ and proviral load, together with host IFN Î»3, in pathogenesis of HAM/TSP. Journal of Medical Virology, 2017, 89, 1102-1107.	2.5	9
23	Quantum Dot-Based Biosensor for the Detection of Human T-Lymphotropic Virus-1. Analytical Letters, 2017, 50, 2402-2411.	1.0	22
24	Treated nanolayered Mn oxide by potassium fluoride: An improvement for nanolayered Mn oxide toward water oxidation. International Journal of Hydrogen Energy, 2016, 41, 21203-21211.	3.8	8
25	The conversion of CoSe 2 to Co oxide under the electrochemical water oxidation condition. International Journal of Hydrogen Energy, 2016, 41, 13469-13475.	3.8	34
26	Polypeptide and Mnâ€"Ca oxide: Toward a biomimetic catalystÂforÂwater-splitting systems. International Journal of Hydrogen Energy, 2016, 41, 5504-5512.	3.8	24
27	New findings and the current controversies for water oxidation by a copper(<scp>ii</scp>)-azo complex: homogeneous or heterogeneous?. Dalton Transactions, 2015, 44, 15435-15440.	1.6	48
28	The biological water-oxidizing complex at the nanoâ€"bio interface. Trends in Plant Science, 2015, 20, 559-568.	4.3	46
29	An engineered polypeptide around nano-sized manganeseâ€"calcium oxide: copying plants for water oxidation. Dalton Transactions, 2015, 44, 15271-15278.	1.6	19
30	Comparison of nano-sized Mn oxides with the Mn cluster of photosystem II as catalysts for water oxidation. Biochimica Et Biophysica Acta - Bioenergetics, 2015, 1847, 294-306.	0.5	25
31	Interaction of removal Ethidium Bromide with Carbon Nanotube: Equilibrium and Isotherm studies. Journal of Environmental Health Science & Engineering, 2014, 12, 17.	1.4	22
32	A nano-sized manganese oxide in a protein matrix as a natural water-oxidizing site. Plant Physiology and Biochemistry, 2014, 81, 3-15.	2.8	9
33	The effect of different metal ions between nanolayers of manganese oxide on water oxidation. Journal of Photochemistry and Photobiology B: Biology, 2014, 141, 247-252.	1.7	15
34	Nano-sized layered manganese oxide in a poly-<scp>L</scp>-glutamic acid matrix: a biomimetic, homogenized, heterogeneous structural model for the water-oxidizing complex in photosystem II. RSC Advances, 2014, 4, 39077-39081.	1.7	7
35	Application of supervised Kohonen map and counter propagation neural network for classification of nucleic acid structures based on their circular dichroism spectra. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 132, 345-354.	2.0	3
36	Nanolayered manganese oxide/poly(4-vinylpyridine) as a biomimetic and very efficient water oxidizing catalyst: toward an artificial enzyme in artificial photosynthesis. Chemical Communications, 2013, 49, 8824.	2.2	52

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37	Conversions of Mn oxides to nanolayered Mn oxide in electrochemical water oxidation at near neutral pH, all to a better catalyst: catalyst evolution. Dalton Transactions, 2013, 42, 16683.	1.6	61
38	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. Journal of Nanostructure in Chemistry, 2013, 3, 1.	5.3	17