Pouya Haratipour

List of Publications by Year
in descending order

21 papers	659 citations	687363 13 h-index	713466 21 g-index
22 all docs	22 docs citations	22 times ranked	1013 citing authors

#	Article	IF	Citations
1	Targeting AMPK signaling pathway by natural products for treatment of diabetes mellitus and its complications. Journal of Cellular Physiology, 2019, 234, 17212-17231.	4.1	117
2	High-purity hydrogen production with in situ CO 2 capture based on biomass gasification. Fuel, 2017, 202, 29-35.	6.4	72
3	Anthocyanins in the Management of Metabolic Syndrome: A Pharmacological and Biopharmaceutical Review. Frontiers in Pharmacology, 2018, 9, 1310.	3.5	65
4	A novel high performance nano chemosensor for copper (II) ion based on an ultrasound-assisted synthesized diphenylamine-based Schiff base: Design, fabrication and density functional theory calculations. Ultrasonics Sonochemistry, 2018, 41, 337-349.	8.2	47
5	Novel Peptide Therapeutic Approaches for Cancer Treatment. Cells, 2021, 10, 2908.	4.1	47
6	A systematic review of nano formulation of natural products for the treatment of inflammatory bowel disease: drug delivery and pharmacological targets. DARU, Journal of Pharmaceutical Sciences, 2018, 26, 229-239.	2.0	44
7	Simultaneous biological organic matter and nutrient removal in an anaerobic/anoxic/oxic (A2O) moving bed biofilm reactor (MBBR) integrated system. International Journal of Environmental Science and Technology, 2017, 14, 291-304.	3.5	39
8	On the estimation of viscosities and densities of CO 2 -loaded MDEA, MDEA + AMP, MDEA + DIPA, MDEA + MEA, and MDEA + DEA aqueous solutions. Journal of Molecular Liquids, 2017, 242, 146-159.	4.9	38
9	ANFIS modeling of rhamnolipid breakthrough curves on activated carbon. Chemical Engineering Research and Design, 2017, 126, 67-75.	5.6	36
10	Efficient removal of some anionic dyes from aqueous solution using a polymer-coated magnetic nano-adsorbent. Journal of Water Supply: Research and Technology - AQUA, 2017, 66, 239-248.	1.4	29
11	Involvement of TGF-Î² and Autophagy Pathways in Pathogenesis of Diabetes: A Comprehensive Review on Biological and Pharmacological Insights. Frontiers in Pharmacology, 2020, 11, 498758.	3.5	20
12	Probing DNA Base-Dependent Leaving Group Kinetic Effects on the DNA Polymerase Transition State. Biochemistry, 2018, 57, 3925-3933.	2.5	18
13	Ultrasound-electrospinning-assisted fabrication and sensing evaluation of a novel membrane as ultrasensitive sensor for copper (II) ions detection in aqueous environment. Ultrasonics Sonochemistry, 2018, 44, 152-161.	8.2	17
14	Molecular Mechanisms Underlying Cancer Preventive and Therapeutic Potential of Algal Polysaccharides. Current Pharmaceutical Design, 2019, 25, 1210-1235.	1.9	14
15	Chemistry of Bisphosphonates. , 2020, , 551-564.		13
16	A Transition-State Perspective on Y-Family DNA Polymerase Î· Fidelity in Comparison with X-Family DNA Polymerases Î» and Î². Biochemistry, 2019, 58, 1764-1773.	2.5	10
17	Completing the Î²,Î³-CXY-dNTP Stereochemical Probe Toolkit: Synthetic Access to the dCTP Diastereomers and ³¹P and ¹⁹F NMR Correlations with Absolute Configurations. Journal of Organic Chemistry, 2020, 85, 14592-14609.	3.2	6
18	New chirally modified bisphosphonates for synthesis of individual beta,gamma-CHX-deoxynucleotide diastereomers. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 329-330.	1.6	5

#	Article	IF	Citations
19	A pre-catalytic non-covalent step governs DNA polymerase Î² fidelity. Nucleic Acids Research, 2019, 47, 11839-11849.	14.5	4
20	Kinetic Effects of Î²,Î³-Modified Deoxynucleoside 5â€²-Triphosphate Analogues on RNA-Catalyzed Polymerization of DNA. Biochemistry, 2021, 60, 1-5.	2.5	3
21	Synthesis of 8-oxo-dGTP and its Î²,Î³-CH2-, Î²,Î³-CHF-, and Î²,Î³-CF2- analogues. Tetrahedron Letters, 2021, 67, 152910.	2.0	2