

Pouya Haratipour

List of Publications by Year in descending order

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687363

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#	ARTICLE	IF	CITATIONS
1	Synthesis of 8-oxo-dGTP and its $\hat{2},\hat{3}$ -CH ₂ -, $\hat{2},\hat{3}$ -CHF-, and $\hat{2},\hat{3}$ -CF ₂ - analogues. Tetrahedron Letters, 2021, 67, 152899.		2
2	Kinetic Effects of $\hat{2},\hat{3}$ -Modified Deoxynucleoside 5'-Triphosphate Analogues on RNA-Catalyzed Polymerization of DNA. Biochemistry, 2021, 60, 1-5.	2.5	3
3	Novel Peptide Therapeutic Approaches for Cancer Treatment. Cells, 2021, 10, 2908.	4.1	47
4	Involvement of TGF- $\hat{2}$ and Autophagy Pathways in Pathogenesis of Diabetes: A Comprehensive Review on Biological and Pharmacological Insights. Frontiers in Pharmacology, 2020, 11, 498758.	3.5	20
5	Chemistry of Bisphosphonates. , 2020, , 551-564.		13
6	Completing the $\hat{2},\hat{3}$ -CXY-dNTP Stereochemical Probe Toolkit: Synthetic Access to the dCTP Diastereomers and ³¹ P and ¹⁹ F NMR Correlations with Absolute Configurations. Journal of Organic Chemistry, 2020, 85, 14592-14609.	3.2	6
7	A Transition-State Perspective on Y-Family DNA Polymerase $\hat{1}$ Fidelity in Comparison with X-Family DNA Polymerases $\hat{1}$ and $\hat{2}$. Biochemistry, 2019, 58, 1764-1773.	2.5	10
8	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
9	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
10	A pre-catalytic non-covalent step governs DNA polymerase $\hat{2}$ fidelity. Nucleic Acids Research, 2019, 47, 11839-11849.	14.5	4
11	Molecular Mechanisms Underlying Cancer Preventive and Therapeutic Potential of Algal Polysaccharides. Current Pharmaceutical Design, 2019, 25, 1210-1235.	1.9	14
12	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
13	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
14	Anthocyanins in the Management of Metabolic Syndrome: A Pharmacological and Biopharmaceutical Review. Frontiers in Pharmacology, 2018, 9, 1310.	3.5	65
15	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
16	Probing DNA Base-Dependent Leaving Group Kinetic Effects on the DNA Polymerase Transition State. Biochemistry, 2018, 57, 3925-3933.	2.5	18
17	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
18	High-purity hydrogen production with in situ CO ₂ capture based on biomass gasification. Fuel, 2017, 202, 29-35.	6.4	72

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19	Simultaneous biological organic matter and nutrient removal in an anaerobic/anoxic/oxic (A2O) moving bed biofilm reactor (MBBR) integrated system. <i>International Journal of Environmental Science and Technology</i> , 2017, 14, 291-304.	3.5	39
20	ANFIS modeling of rhamnolipid breakthrough curves on activated carbon. <i>Chemical Engineering Research and Design</i> , 2017, 126, 67-75.	5.6	36
21	On the estimation of viscosities and densities of CO ₂ -loaded MDEA, MDEA + AMP, MDEA + DIPA, MDEA + MEA, and MDEA + DEA aqueous solutions. <i>Journal of Molecular Liquids</i> , 2017, 242, 146-159.	4.9	38