

Yong-Sok Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5373648/publications.pdf>

Version: 2024-02-01

20
papers

613
citations

759233

12
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

820
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast and High-Yield Microreactor Syntheses of <i>ortho</i> -Substituted [¹⁸ F]Fluoroarenes from Reactions of [¹⁸ F]Fluoride Ion with Diaryliodonium Salts. <i>Journal of Organic Chemistry</i> , 2010, 75, 3332-3338.	3.2	149
2	Investigation of Zr(IV) and ⁸⁹ Zr(IV) complexation with hydroxamates: progress towards designing a better chelator than desferrioxamine B for immuno-PET imaging. <i>Chemical Communications</i> , 2013, 49, 1002-1004.	4.1	99
3	Rational Design, Synthesis, and Evaluation of Tetrahydroxamic Acid Chelators for Stable Complexation of Zirconium(IV). <i>Chemistry - A European Journal</i> , 2014, 20, 5584-5591.	3.3	63
4	Dynamics of Proton Transfer in Bacteriorhodopsin. <i>Journal of the American Chemical Society</i> , 2004, 126, 2225-2230.	13.7	58
5	Analysis of the isomer ratios of polymethylated-DOTA complexes and the implications on protein structural studies. <i>Dalton Transactions</i> , 2016, 45, 4673-4687.	3.3	38
6	Unexpected Behavior of the Heaviest Halogen Astatine in the Nucleophilic Substitution of Aryliodonium Salts. <i>Chemistry - A European Journal</i> , 2016, 22, 12332-12339.	3.3	33
7	Quantum Chemical Calculations and Mutational Analysis Suggest Heat Shock Protein 90 Catalyzes Trans-Cis Isomerization of Geldanamycin. <i>Chemistry and Biology</i> , 2004, 11, 991-998.	6.0	32
8	Functional Selectivity of a Biased Cannabinoid-1 Receptor (CB ₁ R) Antagonist. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 1175-1187.	4.9	29
9	Conformational Structure and Energetics of 2-(Methylphenyl)(2-(methoxyphenyl)iodonium Chloride: Evidence for Solution Clusters. <i>Chemistry - A European Journal</i> , 2010, 16, 10418-10423.	3.3	21
10	<i>Z</i> and <i>E</i> rotamers of <i>N</i> -formyl-1-bromo-4-hydroxy-3-methoxymorphinan-6-one and their interconversion as studied by ¹ H/ ¹³ C NMR spectroscopy and quantum chemical calculations. <i>Magnetic Resonance in Chemistry</i> , 2013, 51, 82-88.	1.9	14
11	Structural Basis of Species-Dependent Differential Affinity of 6-Alkoxy-5-Aryl-3-Pyridinecarboxamide Cannabinoid-1 Receptor Antagonists. <i>Molecular Pharmacology</i> , 2015, 88, 238-244.	2.3	14
12	Reversible proton transfer dynamics in bacteriorhodopsin. <i>Journal of Molecular Structure</i> , 2004, 700, 243-246.	3.6	13
13	Crystal Structures of Diaryliodonium Fluorides and Their Implications for Fluorination Mechanisms. <i>Chemistry - A European Journal</i> , 2017, 23, 4353-4363.	3.3	11
14	The Intriguing Effects of Substituents in the N-Phenethyl Moiety of Norhydromorphone: A Bifunctional Opioid from a Set of "Tail Wags Dog" Experiments. <i>Molecules</i> , 2020, 25, 2640.	3.8	10
15	Identification of the Transition States in the Inversion of 1,4-Benzodiazepines with the <i>Ab Initio</i> Replica Path Method. <i>Journal of Physical Chemistry A</i> , 2008, 112, 1604-1611.	2.5	8
16	Comparison of Solution Properties of Polymethylated DOTA-like Lanthanide Complexes with Opposite Chirality of the Pendant Arms. <i>Inorganic Chemistry</i> , 2019, 58, 15788-15800.	4.0	7
17	Synthesis, Biological Evaluation, and Molecular Modeling Studies of 3,4-Diarylpyrazoline Series of Compounds as Potent, Nonbrain Penetrant Antagonists of Cannabinoid-1 (CB ₁ R) Receptor with Reduced Lipophilicity. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 2374-2387.	6.4	6
18	Origin of the Isomer Stability of Polymethylated DOTA Chelates Complexed with Ln ³⁺ Ions. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 1428-1440.	2.0	5

#	ARTICLE	IF	CITATIONS
19	Reply to the "Comment on" "Investigation of Zr(IV) and ⁸⁹ Zr(IV) complexation with hydroxamates: progress towards designing a better chelator than desferrioxamine B for immuno-PET imaging" by A. Bianchi and M. Savastano, Chem. Commun., 2020, 56, DOCC01189D. Chemical Communications, 2020, 56, 12667-12668.	4.1	2
20	Reversible proton transfer dynamics in bacteriorhodopsin. Journal of Molecular Structure, 2004, 700, 243-243.	3.6	1