Yuen-Kit Cheng

List of Publications by Year
in descending order

34 papers	1,584 citations	430874 18 h-index	395702 33 g-index
34 all docs	34 docs citations	34 times ranked	2051 citing authors

#	Article	IF	Citations
1	(4 + 3) cycloadditions of allenyl ether-derived oxygen-stabilized oxyallyls with furans. Organic Chemistry Frontiers, 2020, 7, 255-260.	4.5	6
2	Construction of cyclopenta[b]pyran-2-ones via chemoselective (3 + 2) cycloaddition between 2-pyrones and vinyl cyclopropanes. Organic Chemistry Frontiers, 2020, 7, 840-845.	4.5	6
3	Synthesis of the Tricyclic Picrotoxane Motif by an Oxidative Cascade Cyclization. Organic Letters, 2019, 21, 4896-4899.	4.6	11
4	Ginsenoside Rg3 stereoisomers differentially inhibit vascular smooth muscle cell proliferation and migration in diabetic atherosclerosis. Journal of Cellular and Molecular Medicine, 2018, 22, 3202-3214.	3.6	24
5	The molecular basis for the inhibition of phosphodiesterase-4D by three natural resveratrol analogs. Isolation, molecular docking, molecular dynamics simulations, binding free energy, and bioassay. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 2089-2096.	2.3	23
6	Identification of Novel Phosphodiesterase-4D Inhibitors Prescreened by Molecular Dynamics-Augmented Modeling and Validated by Bioassay. Journal of Chemical Information and Modeling, 2013, 53, 972-981.	5.4	37
7	An update view on the substrate recognition mechanism of phosphodiesterases: A computational study of PDE10 and PDE4 bound with cyclic nucleotides. Biopolymers, 2012, 97, 910-922.	2.4	2
8	Stereoisomers ginsenosides-20(S)-Rg3 and -20(R)-Rg3 differentially induce angiogenesis through peroxisome proliferator-activated receptor-gamma. Biochemical Pharmacology, 2012, 83, 893-902.	4.4	47
9	Structural investigation into the inhibitory mechanisms of indomethacin and its analogues towards human glyoxalase I. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4243-4247.	2.2	2
10	Mesoscale simulation on patterned nanotube model for amphiphilic block copolymer. Journal of Molecular Modeling, 2010, 16, 1819-1824.	1.8	3
11	A Substrate Selectivity and Inhibitor Design Lesson from the PDE10â˜’cAMP Crystal Structure: A Computational Study. Journal of Physical Chemistry B, 2010, 114, 5154-5160.	2.6	5
12	Mechanisms of 2-methoxyestradiol-induced apoptosis and G2/M cell-cycle arrest of nasopharyngeal carcinoma cells. Cancer Letters, 2008, 268, 295-307.	7.2	44
13	Investigation of the Metabolism and Reductive Activation of Carcinogenic Aristolochic Acids in Rats. Drug Metabolism and Disposition, 2007, 35, 866-874.	3.3	55
14	Phenyl-calix[4]arene-Based Fluorescent Sensors:Â Cooperative Binding for Carboxylates. Journal of Organic Chemistry, 2007, 72, 2419-2426.	3.2	56
15	Is phospholipid-saturated alkyl column a convenient replacement for immobilized-artificial-membrane?. Journal of Chromatography A, 2007, 1176, 100-106.	3.7	9
16	The retention properties of nucleobases in alkyl C8-/C18- and IAM-chromatographic systems in relation to log Pow. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 847, 245-261.	2.3	10
17	Complex retention behavior of pyrimidines on biomembrane-mimic immobilized-artificial-membrane phase. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 853, 114-122.	2.3	4
18	Hostâ˜’Guest Interactions of 4-Carboxyphenoxy Phthalocyanines and Î²-Cyclodextrins in Aqueous Media. Organic Letters, 2007, 9, 2497-2500.	4.6	28

#	Article	IF	Citations
19	Signaling pathway of ginsenoside-Rg1 leading to nitric oxide production in endothelial cells. FEBS Letters, 2006, 580, 3211-3216.	2.8	106
20	A comparative study of void volume markers in immobilized-artificial-membrane and reversed-phase liquid chromatography. Journal of Chromatography A, 2006, 1103, 356-361.	3.7	12
21	Heterobimetallic Zn(II)â˘Ln(III) Phenylene-Bridged Schiff Base Complexes, Computational Studies, and Evidence for Singlet Energy Transfer as the Main Pathway in the Sensitization of Near-Infrared Nd3+ Luminescence. Inorganic Chemistry, 2006, 45, 9315-9325.	4.0	155
22	SER-HIS-ASP catalytic triad in model non-aqueous solvent environment: A computational study. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 5797-5800.	2.2	2
23	Highly efficient deep blue organic electroluminescent device based on 1-methyl-9,10-di(1-naphthyl)anthracene. Applied Physics Letters, 2006, 89, 252903.	3.3	87
24	Cholic-Acid-Based Fluorescent Sensor for Dicarboxylates and Acidic Amino Acids in Aqueous Solutions. Organic Letters, 2005, 7, 5825-5828.	4.6	122
25	Quantitative Structure-Retention Relationship of Nucleic-Acid Bases Revisited. CoMFA on Purine RPLC Retention. QSAR and Combinatorial Science, 2005, 24, 968-975.	1.4	12
26	Facile Synthesis of Oligophenylene-Substituted Calix[4]arenes and Their Enhanced Binding Properties. Journal of Organic Chemistry, 2005, 70, 2816-2819.	3.2	17
27	Electronic decoherence for electron transfer in blue copper proteins. Chemical Physics Letters, 2001, 345, 159-165.	2.6	29
28	Hydration structure of the Î±-chymotrypsin substrate binding pocket: the impact of constrained geometry. Chemical Physics, 2000, 258, 415-425.	1.9	46
29	The effect of vicinal polar and charged groups on hydrophobic hydration. , 1999, 50, 742-750.		32
30	Hydrophobic Hydration of Amphipathic Peptides. Biophysical Journal, 1999, 76, 1734-1743.	0.5	33
31	Surface topography dependence of biomolecular hydrophobic hydration. Nature, 1998, 392, 696-699.	27.8	378
32	Solvent effects on model d(CGÂ·G)7and d(TAÂ·T)7DNA triple helices. Biopolymers, 1995, 35, 457-473.	2.4	15
33	Triple helix formation at distant sites: hybrid oligonucleotides containing a polymeric linker. Nucleic Acids Research, 1993, 21, 4810-4815.	14.5	30
34	Stabilities of double- and triple-strand helical nucleic acids. Progress in Biophysics and Molecular Biology, 1992, 58, 225-257.	2.9	136