Kaido TÃ¤mm

List of Publications by Year
in descending order

31 papers	1,099 citations	430874 18 h-index	434195 31 g-index
33 all docs	33 docs citations	33 times ranked	1706 citing authors

#	Article	IF	Citations
1	Machine learning and materials modelling interpretation of in vivo toxicological response to TiO₂ nanoparticles library (UV and non-UV exposure). Nanoscale, 2021, 13, 14666-14678.	5.6	10
2	A novel role of KEAP1/PGAM5 complex: ROS sensor for inducing mitophagy. Redox Biology, 2021, 48, 102186.	9.0	36
3	Predicting Cytotoxicity of Metal Oxide Nanoparticles Using Isalos Analytics Platform. Nanomaterials, 2020, 10, 2017.	4.1	34
4	ANAMMOX-denitrification biomass in microbial fuel cell to enhanceÂthe electricity generation and nitrogen removal efficiency. Biodegradation, 2020, 31, 249-264.	3.0	62
5	Can an InChI for Nano Address the Need for a Simplified Representation of Complex Nanomaterials across Experimental and Nanoinformatics Studies?. Nanomaterials, 2020, 10, 2493.	4.1	28
6	NanoSolveIT Project: Driving nanoinformatics research to develop innovative and integrated tools for in silico nanosafety assessment. Computational and Structural Biotechnology Journal, 2020, 18, 583-602.	4.1	74
7	DFT study of 2,9-bis(1,2,4-triazin-3-yl)-1,10-phenanthroline (BTPhen) and its derivatives complexation with lanthanide series. Computational and Theoretical Chemistry, 2020, 1175, 112729.	2.5	5
8	Fe-Doped ZnO nanoparticle toxicity: assessment by a new generation of nanodescriptors. Nanoscale, 2018, 10, 21985-21993.	5.6	23
9	In Silico Design of Optimal Dissolution Kinetics of Feâ€Doped ZnO Nanoparticles Results in Cancerâ€Specific Toxicity in a Preclinical Rodent Model. Advanced Healthcare Materials, 2017, 6, 1601379.	7.6	29
10	An Integrated Data-Driven Strategy for Safe-by-Design Nanoparticles: The FP7 MODERN Project. Advances in Experimental Medicine and Biology, 2017, 947, 257-301.	1.6	6
11	Identification of several high-risk HPV inhibitors and drug targets with a novel high-throughput screening assay. PLoS Pathogens, 2017, 13, e1006168.	4.7	18
12	NMR and DFT Study of the Copper(I)â€Catalyzed Cycloaddition Reaction: H/D Scrambling of Alkynes and Variable Reaction Order of the Catalyst. ChemCatChem, 2016, 8, 1804-1808.	3.7	18
13	Parametrization of nanoparticles: development of full-particle nanodescriptors. Nanoscale, 2016, 8, 16243-16250.	5.6	30
14	Robust Modeling and Scaffold Hopping: Case Study Based on HIV Reverse Transcriptase Inhibitors Type-1 Data. Medicinal Chemistry, 2016, 12, 513-526.	1.5	1
15	Synthesis of Unprotected CH2-Skipped Piperazine-Pyridine Alternating Cycles with Azide End-Group. Heterocycles, 2015, 90, 625.	0.7	1
16	Macrocyclic peptidomimetics with antimicrobial activity: synthesis, bioassay, and molecular modeling studies. Organic and Biomolecular Chemistry, 2015, 13, 9492-9503.	2.8	35
17	Theoretical Modeling of HPV: QSAR and Novodesign with Fragment Approach. Current Computer-Aided Drug Design, 2015, 10, 303-314.	1.2	1
18	Subchronic Oral and Inhalation Toxicities: a Challenging Attempt for Modeling and Prediction. Molecular Informatics, 2013, 32, 793-801.	2.5	7

#	Article	IF	Citations
19	Theoretical modeling of sensitivity factors of Bayard-Alpert ionization gauges. International Journal of Mass Spectrometry, 2013, 341-342, 52-58.	1.5	11
20	Fragment-Based Development of HCV Protease Inhibitors for the Treatment of Hepatitis C. Current Computer-Aided Drug Design, 2012, 8, 55-61.	1.2	13
21	Application of the QSPR Approach to the Boiling Points of Azeotropes. Journal of Physical Chemistry A, 2011, 115, 3475-3479.	2.5	26
22	Prediction of Cell-Penetrating Peptides Using Artificial Neural Networks. Current Computer-Aided Drug Design, 2010, 6, 79-89.	1.2	49
23	Quantitative structureâ€“activity relationship modeling of bioconcentration factors of polychlorinated biphenyls. Toxicological and Environmental Chemistry, 2010, 92, 1233-1247.	1.2	4
24	Estimating the toxicities of organic chemicals in activated sludge process. Water Research, 2010, 44, 2451-2460.	11.3	18
25	Correlation of blood-brain penetration and human serum albumin binding with theoretical descriptors. Arkivoc, 2009, 2008, 38-60.	0.5	12
26	QSAR study of pharmacological permeabilities. Arkivoc, 2009, 2009, 218-238.	0.5	20
27	Skin Permeation Rate as a Function of Chemical Structure. Journal of Medicinal Chemistry, 2006, 49, 3305-3314.	6.4	49
28	QSPR analysis for infinite dilution activity coefficients of organic compounds. Journal of Molecular Modeling, 2006, 12, 417-421.	1.8	28
29	Quantitative Measures of Solvent Polarity. Chemical Reviews, 2004, 104, 175-198.	47.7	385
30	A Quantitative Structureâ^'Property Relationship Study of Lithium Cation Basicities. Journal of Physical Chemistry A, 2004, 108, 4812-4818.	2.5	31
31	Aqueous Biphasic Systems. Partitioning of Organic Molecules:â€‰ A QSPR Treatment. Journal of Chemical Information and Computer Sciences, 2004, 44, 136-142.	2.8	35