Fu Chen

List of Publications by Year
in descending order

28	1,304	567281 15	477307 29
papers	citations	h-index	g-index

29	29	29	1322
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	BDE-99 Disrupts the Photoreceptor Patterning of Zebrafish Larvae via Transcription Factor six7. Environmental Science & Technology, 2022, 56, 5673-5683.	10.0	11
2	Protein Model and Function Analysis in Quorum-Sensing Pathway of Vibrio qinghaiensis sp.-Q67. Biology, 2021, 10, 638.	2.8	5
3	Recovery of the nitrifying ability of acclimated biomass exposed to para-nitrophenol. Science of the Total Environment, 2021, 781, 146697.	8.0	8
4	Nitrifying biomass can retain its acclimation to 2,4,6-trichlorophenol. Water Research, 2020, 185, 116285.	11.3	12
5	pH affects the hormesis profiles of personal care product components on luminescence of the bacteria Vibrio qinghaiensis sp. -Q67. Science of the Total Environment, 2020, 713, 136656.	8.0	15
6	Assessing the performance of the MM/PBSA and MM/GBSA methods. 10. Impacts of enhanced sampling and variable dielectric model on proteinâ€“protein Interactions. Physical Chemistry Chemical Physics, 2019, 21, 18958-18969.	2.8	80
7	A novel method based on similarity and triangulation for predicting the toxicities of various binary mixtures. Journal of Theoretical Biology, 2019, 480, 56-64.	1.7	7
8	Bioavailable electron donors from ultrasound-treated biomass for stimulating denitrification. Journal of Environmental Management, 2019, 250, 109533.	7.8	4
9	Predicting the hormesis and toxicological interaction of mixtures by an improved inverse distance weighted interpolation. Environment International, 2019, 130, 104892.	10.0	18
10	Assessing the performance of MM/PBSA and MM/GBSA methods. 9. Prediction reliability of binding affinities and binding poses for proteinâ€“peptide complexes. Physical Chemistry Chemical Physics, 2019, 21, 10135-10145.	2.8	96
11	Antioxidant defence system is responsible for the toxicological interactions of mixtures: A case study on PFOS and PFOA in Daphnia magna. Science of the Total Environment, 2019, 667, 435-443.	8.0	48
12	Assessing the performance of MM/PBSA and MM/GBSA methods. 7. Entropy effects on the performance of end-point binding free energy calculation approaches. Physical Chemistry Chemical Physics, 2018, 20, 14450-14460.	2.8	243
13	Assessing the performance of MM/PBSA and MM/GBSA methods. 8. Predicting binding free energies and poses of proteinâ€“RNA complexes. Rna, 2018, 24, 1183-1194.	3.5	84
14	Improving the Efficiency of Non-equilibrium Sampling in the Aqueous Environment via Implicit-Solvent Simulations. Journal of Chemical Theory and Computation, 2017, 13, 1827-1836.	5.3	6
15	Prediction of luciferase inhibitors by the high-performance MIEC-GBDT approach based on interaction energetic patterns. Physical Chemistry Chemical Physics, 2017, 19, 10163-10176.	2.8	27
16	Hormesis of some organic solvents on Vibrio qinghaiensis sp.-Q67 from first binding to the Î² subunit of luciferase. RSC Advances, 2017, 7, 37636-37642.	3.6	12
17	HawkRank: a new scoring function for proteinâ€“protein docking based on weighted energy terms. Journal of Cheminformatics, 2017, 9, 66.	6.1	48
18	Assessing the performance of the MM/PBSA and MM/GBSA methods. 6. Capability to predict proteinâ€“protein binding free energies and re-rank binding poses generated by proteinâ€“protein docking. Physical Chemistry Chemical Physics, 2016, 18, 22129-22139.	2.8	350

#	Article	IF	Citations
19	Complex toxicological interaction between ionic liquids and pesticides to Vibrio qinghaiensis sp.-Q67. RSC Advances, 2016, 6, 21012-21018.	3.6	19
20	Application of the combination index integrated with confidence intervals to study the toxicological interactions of antibiotics and pesticides in Vibrio qinghaiensis sp.-Q67. Environmental Toxicology and Pharmacology, 2015, 39, 447-456.	4.0	33
21	Blocking the entrance of AMP pocket results in hormetic stimulation of imidazolium-based ionic liquids to firefly luciferase. Chemosphere, 2015, 132, 108-113.	8.2	13
22	Concentration addition prediction for a multiple-component mixture containing no effect chemicals. Analytical Methods, 2015, 7, 9912-9917.	2.7	25
23	Mixture Toxicities of Three Pesticides Having Different Timeâ€Toxicity Profiles. Chinese Journal of Chemistry, 2014, 32, 545-552.	4.9	14
24	Predicting the mixture effects of three pesticides by integrating molecular simulation with concentration addition modeling. RSC Advances, 2014, 4, 32256-32262.	3.6	12
25	Predicting the Time-dependent Toxicities of Three Triazine Herbicide Mixtures toV. qinghaiensissp. Q67 Using the Extended Concentration Addition Model. Acta Chimica Sinica, 2014, 72, 56.	1.4	17
26	Modeling non-monotonic doseâ€“response relationships: Model evaluation and hormetic quantities exploration. Ecotoxicology and Environmental Safety, 2013, 89, 130-136.	6.0	57
27	Molecular Modeling Study on the Three-dimensional Structure of the Luciferase Protein inVibrio-qinghaiensissp.-Q67. Acta Chimica Sinica, 2013, 71, 1035.	1.4	9
28	Application of the Concentration Addition Model in the Assessment of Chemical Mixture Toxicity. Acta Chimica Sinica, 2013, 71, 1335.	1.4	30