

Guohui Sun

List of Publications by Year in descending order

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papers

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citations

567281

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Pharmacophoric Fragments of DYRK1A Inhibitors Using Machine Learning Classification Models. <i>Molecules</i> , 2022, 27, 1753.	3.8	0
2	2-Deoxy-D-glucose increases the sensitivity of glioblastoma cells to BCNU through the regulation of glycolysis, ROS and ERS pathways: In vitro and in vivo validation. <i>Biochemical Pharmacology</i> , 2022, 199, 115029.	4.4	9
3	Systematic QSAR and iQCCR modelling of fused/non-fused aromatic hydrocarbons (FNFAHs) carcinogenicity to rodents: reducing unnecessary chemical synthesis and animal testing. <i>Green Chemistry</i> , 2022, 24, 5304-5319.	9.0	17
4	The Study of Spatial Safety and Social Psychological Health Features of Deaf Children and Children with an Intellectual Disability in the Public School Environment Based on the Visual Access and Exposure (VAE) Model. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4322.	2.6	3
5	Logic Analysis of How the Emergency Management Legal System Used to Deal with Public Emerging Infectious Diseases under Balancing of Competing Interestsâ€”The Case of COVID-19. <i>Healthcare (Switzerland)</i> , 2021, 9, 857.	2.0	3
6	Quantitative Structure-Activity Relationship (QSAR) Studies on the Toxic Effects of Nitroaromatic Compounds (NACs): A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8557.	4.1	37
7	Chemometric QSAR modeling of acute oral toxicity of Polycyclic Aromatic Hydrocarbons (PAHs) to rat using simple 2D descriptors and interspecies toxicity modeling with mouse. <i>Ecotoxicology and Environmental Safety</i> , 2021, 222, 112525.	6.0	31
8	Development and biological evaluation of AzoBGNU: A novel hypoxia-activated DNA crosslinking prodrug with AGT-inhibitory activity. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112338.	5.6	5
9	Machine Learning Models for the Classification of CK2 Natural Products Inhibitors with Molecular Fingerprint Descriptors. <i>Processes</i> , 2021, 9, 2074.	2.8	5
10	The Potential of Lonidamine in Combination with Chemotherapy and Physical Therapy in Cancer Treatment. <i>Cancers</i> , 2020, 12, 3332.	3.7	53
11	Chemopreventive Role of Apigenin against the Synergistic Carcinogenesis of Human Papillomavirus and 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone. <i>Biomedicines</i> , 2020, 8, 472.	3.2	2
12	In vivo toxicity of nitroaromatic compounds to rats: QSTR modelling and interspecies toxicity relationship with mouse. <i>Journal of Hazardous Materials</i> , 2020, 399, 122981.	12.4	31
13	Glycolytic inhibition by 3-bromopyruvate increases the cytotoxic effects of chloroethylnitrosoureas to human glioma cells and the DNA interstrand cross-links formation. <i>Toxicology</i> , 2020, 435, 152413.	4.2	13
14	Synergistic Effect between Human Papillomavirus 18 and 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone on Malignant Transformation of Immortalized SHEE Cells. <i>Chemical Research in Toxicology</i> , 2020, 33, 470-481.	3.3	3
15	Identification and Biological Evaluation of CK2 Allosteric Fragments through Structure-Based Virtual Screening. <i>Molecules</i> , 2020, 25, 237.	3.8	8
16	3-Bromopyruvate regulates the status of glycolysis and BCNU sensitivity in human hepatocellular carcinoma cells. <i>Biochemical Pharmacology</i> , 2020, 177, 113988.	4.4	26
17	Prediction on the mutagenicity of nitroaromatic compounds using quantum chemistry descriptors based QSAR and machine learning derived classification methods. <i>Ecotoxicology and Environmental Safety</i> , 2019, 186, 109822.	6.0	39
18	Tumor Energy Metabolism and Potential of 3-Bromopyruvate as an Inhibitor of Aerobic Glycolysis: Implications in Tumor Treatment. <i>Cancers</i> , 2019, 11, 317.	3.7	119

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19	Reductive Activity and Mechanism of Hypoxia- Targeted AGT Inhibitors: An Experimental and Theoretical Investigation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6308.	4.1	5
20	NBGNU: a hypoxia-activated tripartite combi-nitrosourea prodrug overcoming AGT-mediated chemoresistance. <i>Future Medicinal Chemistry</i> , 2019, 11, 269-284.	2.3	8
21	Metabolic Activation and Carcinogenesis of Tobacco-Specific Nitrosamine N ^o -Nitrosornicotine (NNN): A Density Function Theory and Molecular Docking Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 178.	2.6	9
22	In Silico Prediction of O6-Methylguanine-DNA Methyltransferase Inhibitory Potency of Base Analogs with QSAR and Machine Learning Methods. <i>Molecules</i> , 2018, 23, 2892.	3.8	26
23	QSAR and Classification Study on Prediction of Acute Oral Toxicity of N-Nitroso Compounds. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3015.	4.1	42
24	Insights into the Impact of Linker Flexibility and Fragment Ionization on the Design of CK2 Allosteric Inhibitors: Comparative Molecular Dynamics Simulation Studies. <i>International Journal of Molecular Sciences</i> , 2018, 19, 111.	4.1	2
25	The specific role of O ⁶ -methylguanine-DNA methyltransferase inhibitors in cancer chemotherapy. <i>Future Medicinal Chemistry</i> , 2018, 10, 1971-1996.	2.3	33
26	Synthesis and Antitumor Activity Evaluation of a Novel Combi-nitrosourea Prodrug: BGCNU. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 174-178.	2.8	11
27	The potential of combi-molecules with DNA-damaging function as anticancer agents. <i>Future Medicinal Chemistry</i> , 2017, 9, 403-435.	2.3	24
28	Identification of the Structural Features of Guanine Derivatives as MGMT Inhibitors Using 3D-QSAR Modeling Combined with Molecular Docking. <i>Molecules</i> , 2016, 21, 823.	3.8	18
29	Synthesis and antitumor activity evaluation of a novel combi-nitrosourea prodrug: Designed to release a DNA cross-linking agent and an inhibitor of O6-alkylguanine-DNA alkyltransferase. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 2097-2107.	3.0	20
30	Measurement of O ⁶ -alkylguanine-DNA alkyltransferase activity in tumour cells using stable isotope dilution HPLC-ESI-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1033-1034, 138-146.	2.3	7
31	Influence of the Expression Level of O6-Alkylguanine-DNA Alkyltransferase on the Formation of DNA Interstrand Crosslinks Induced by Chloroethylnitrosoureas in Cells: A Quantitation Using High-Performance Liquid Chromatography-Mass Spectrometry. <i>PLoS ONE</i> , 2015, 10, e0121225.	2.5	6
32	Investigations on the Effect of O ⁶ -Benzylguanine on the Formation of dG-dC Interstrand Cross-Links Induced by Chloroethylnitrosoureas in Human Glioma Cells Using Stable Isotope Dilution High-Performance Liquid Chromatography Electrospray Ionization Tandem Mass Spectrometry. <i>Chemical Research in Toxicology</i> , 2014, 27, 1253-1262.	3.3	20