

Ke Bian

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3002417/publications.pdf>

Version: 2024-02-01

12
papers

353
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

566
citing authors

#	ARTICLE	IF	CITATIONS
1	A Small Molecule Targeting Mutagenic Translesion Synthesis Improves Chemotherapy. <i>Cell</i> , 2019, 178, 152-159.e11.	28.9	126
2	Oncometabolites d- and l-2-Hydroxyglutarate Inhibit the AlkB Family DNA Repair Enzymes under Physiological Conditions. <i>Chemical Research in Toxicology</i> , 2017, 30, 1102-1110.	3.3	62
3	DNA repair enzymes ALKBH2, ALKBH3, and AlkB oxidize 5-methylcytosine to 5-hydroxymethylcytosine, 5-formylcytosine and 5-carboxylcytosine in vitro. <i>Nucleic Acids Research</i> , 2019, 47, 5522-5529.	14.5	51
4	Adaptive Response Enzyme AlkB Preferentially Repairs 1-Methylguanine and 3-Methylthymine Adducts in Double-Stranded DNA. <i>Chemical Research in Toxicology</i> , 2016, 29, 687-693.	3.3	38
5	Rev7 loss alters cisplatin response and increases drug efficacy in chemotherapy-resistant lung cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28922-28924.	7.1	20
6	Copper Inhibits the AlkB Family DNA Repair Enzymes under Wilson's Disease Condition. <i>Chemical Research in Toxicology</i> , 2017, 30, 1794-1796.	3.3	17
7	Hydrolyzable Tannins Are Iron Chelators That Inhibit DNA Repair Enzyme ALKBH2. <i>Chemical Research in Toxicology</i> , 2019, 32, 1082-1086.	3.3	12
8	Comparison of the Base Excision and Direct Reversal Repair Pathways for Correcting 1, ⁶ -Ethenoadenine in Strongly Positioned Nucleosome Core Particles. <i>Chemical Research in Toxicology</i> , 2020, 33, 1888-1896.	3.3	11
9	Characterization of Byproducts from Chemical Syntheses of Oligonucleotides Containing 1-Methyladenine and 3-Methylcytosine. <i>ACS Omega</i> , 2017, 2, 8205-8212.	3.5	9
10	Biological Evaluation of DNA Biomarkers in a Chemically Defined and Site-Specific Manner. <i>Toxics</i> , 2019, 7, 36.	3.7	3
11	Probing the Effect of Bulky Lesion-Induced Replication Fork Conformational Heterogeneity Using 4-Aminobiphenyl-Modified DNA. <i>Molecules</i> , 2019, 24, 1566.	3.8	3
12	Sequence Dependent Repair of 1, ⁶ -Ethenoadenine by DNA Repair Enzymes ALKBH2, ALKBH3, and AlkB. <i>Molecules</i> , 2021, 26, 5285.	3.8	1