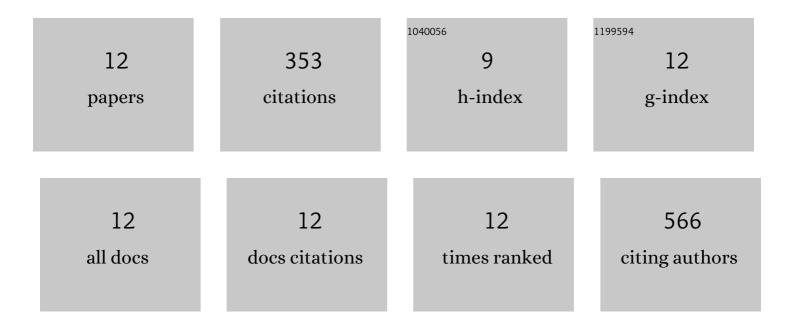
Ke Bian

List of Publications by Year in descending order

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KE RIAN

#	Article	IF	CITATIONS
1	Sequence Dependent Repair of 1,N6-Ethenoadenine by DNA Repair Enzymes ALKBH2, ALKBH3, and AlkB. Molecules, 2021, 26, 5285.	3.8	1
2	Rev7 loss alters cisplatin response and increases drug efficacy in chemotherapy-resistant lung cancer. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 28922-28924.	7.1	20
3	Comparison of the Base Excision and Direct Reversal Repair Pathways for Correcting 1, <i>N</i> ⁶ -Ethenoadenine in Strongly Positioned Nucleosome Core Particles. Chemical Research in Toxicology, 2020, 33, 1888-1896.	3.3	11
4	Biological Evaluation of DNA Biomarkers in a Chemically Defined and Site-Specific Manner. Toxics, 2019, 7, 36.	3.7	3
5	A Small Molecule Targeting Mutagenic Translesion Synthesis Improves Chemotherapy. Cell, 2019, 178, 152-159.e11.	28.9	126
6	DNA repair enzymes ALKBH2, ALKBH3,Âand AlkB oxidize 5-methylcytosine to 5-hydroxymethylcytosine, 5-formylcytosine and 5-carboxylcytosine in vitro. Nucleic Acids Research, 2019, 47, 5522-5529.	14.5	51
7	Hydrolyzable Tannins Are Iron Chelators That Inhibit DNA Repair Enzyme ALKBH2. Chemical Research in Toxicology, 2019, 32, 1082-1086.	3.3	12
8	Probing the Effect of Bulky Lesion-Induced Replication Fork Conformational Heterogeneity Using 4-Aminobiphenyl-Modified DNA. Molecules, 2019, 24, 1566.	3.8	3
9	Oncometabolites <scp>d</scp> - and <scp>l</scp> -2-Hydroxyglutarate Inhibit the AlkB Family DNA Repair Enzymes under Physiological Conditions. Chemical Research in Toxicology, 2017, 30, 1102-1110.	3.3	62
10	Copper Inhibits the AlkB Family DNA Repair Enzymes under Wilson's Disease Condition. Chemical Research in Toxicology, 2017, 30, 1794-1796.	3.3	17
11	Characterization of Byproducts from Chemical Syntheses of Oligonucleotides Containing 1-Methyladenine and 3-Methylcytosine. ACS Omega, 2017, 2, 8205-8212.	3.5	9
12	Adaptive Response Enzyme AlkB Preferentially Repairs 1-Methylguanine and 3-Methylthymine Adducts in Double-Stranded DNA. Chemical Research in Toxicology, 2016, 29, 687-693.	3.3	38