

Paritosh Pande

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ultrathin Graphene-Protein Supercapacitors for Miniaturized Bioelectronics. <i>Advanced Energy Materials</i> , 2017, 7, 1700358.	19.5	88
2	Repair efficiency of (5 ^α -8,5 ^α -cyclo-2 ^α -deoxyguanosine and (5 ^α -8,5 ^α -cyclo-2 ^α -deoxyadenosine depends on the complementary base. <i>DNA Repair</i> , 2012, 11, 926-931.	2.8	36
3	Unlike Catalyzing Error-Free Bypass of 8-OxodGuo, DNA Polymerase β Is Responsible for a Significant Part of FapyA-dG-Induced G \rightarrow T Mutations in Human Cells. <i>Biochemistry</i> , 2015, 54, 1859-1862.	2.5	28
4	Mutational Analysis of the C8-Guanine Adduct of the Environmental Carcinogen 3-Nitrobenzanthrone in Human Cells: Critical Roles of DNA Polymerases β and γ and Rev1 in Error-Prone Translesion Synthesis. <i>Biochemistry</i> , 2014, 53, 5323-5331.	2.5	27
5	Mutagenicity of a Model DNA-Peptide Cross-Link in Human Cells: Roles of Translesion Synthesis DNA Polymerases. <i>Chemical Research in Toxicology</i> , 2017, 30, 669-677.	3.3	25
6	Controlling the Graphene-Bio Interface: Dispersions in Animal Sera for Enhanced Stability and Reduced Toxicity. <i>Langmuir</i> , 2017, 33, 14184-14194.	3.5	23
7	Impact of Natural Variations in Freeze-Drying Parameters on Product Temperature History: Application of Quasi Steady-State Heat and Mass Transfer and Simple Statistics. <i>AAPS PharmSciTech</i> , 2018, 19, 2828-2842.	3.3	22
8	DNA polymerases β and γ cooperatively perform mutagenic translesion synthesis of the C8 ^α -2 ^α -deoxyguanosine adduct of the dietary mutagen IQ in human cells. <i>Nucleic Acids Research</i> , 2015, 43, 8340-8351.	14.5	15
9	Biological relevance of oxidative debris present in as-prepared graphene oxide. <i>RSC Advances</i> , 2015, 5, 59364-59372.	3.6	13
10	Comparative Error-Free and Error-Prone Translesion Synthesis of β -2 ^α -Deoxyguanosine Adducts Formed by Mitomycin C and Its Metabolite, 2,7-Diaminomitosenone, in Human Cells. <i>Chemical Research in Toxicology</i> , 2016, 29, 933-939.	3.3	13
11	Nanoarmoring: strategies for preparation of multi-catalytic enzyme polymer conjugates and enhancement of high temperature biocatalysis. <i>RSC Advances</i> , 2017, 7, 29563-29574.	3.6	12
12	Translesion Synthesis of 2 ^α -Deoxyguanosine Lesions by Eukaryotic DNA Polymerases. <i>Chemical Research in Toxicology</i> , 2017, 30, 61-72.	3.3	11
13	Site-Specific Incorporation of β -(2 ^α -Deoxyguanosine-8-yl)-6-aminochrysene Adduct in DNA and Its Replication in Human Cells. <i>Chemical Research in Toxicology</i> , 2020, 33, 1997-2005.	3.3	2