

# Nimrat Chatterjee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/744879/publications.pdf>

Version: 2024-02-01

18  
papers

1,580  
citations

933447

10  
h-index

940533

16  
g-index

21  
all docs

21  
docs citations

21  
times ranked

2210  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of DNA damage, repair, and mutagenesis. <i>Environmental and Molecular Mutagenesis</i> , 2017, 58, 235-263.	2.2	1,129
2	A Small Molecule Targeting Mutagenic Translesion Synthesis Improves Chemotherapy. <i>Cell</i> , 2019, 178, 152-159.e11.	28.9	126
3	Inhibition of mutagenic translesion synthesis: A possible strategy for improving chemotherapy?. <i>PLoS Genetics</i> , 2017, 13, e1006842.	3.5	65
4	Identification of Small Molecule Translesion Synthesis Inhibitors That Target the Rev1-CT/RIR Protein-Protein Interaction. <i>ACS Chemical Biology</i> , 2017, 12, 1903-1912.	3.4	44
5	Rev7 dimerization is important for assembly and function of the Rev1/Pol $\eta$ translesion synthesis complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8191-E8200.	7.1	44
6	Environmental stress induces trinucleotide repeat mutagenesis in human cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3764-3769.	7.1	40
7	SARS-CoV-2 triggers DNA damage response in Vero E6 cells. <i>Biochemical and Biophysical Research Communications</i> , 2021, 579, 141-145.	2.1	33
8	REV1 inhibitor JH-RE-06 enhances tumor cell response to chemotherapy by triggering senescence hallmarks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28918-28921.	7.1	27
9	Replicating Damaged DNA in Eukaryotes. <i>Cold Spring Harbor Perspectives in Biology</i> , 2013, 5, a019836-a019836.	5.5	13
10	Mismatch repair enhances convergent transcription-induced cell death at trinucleotide repeats by activating ATR. <i>DNA Repair</i> , 2016, 42, 26-32.	2.8	12
11	Virtual Pharmacophore Screening Identifies Small Molecule Inhibitors of the Rev1-CT/RIR Protein-Protein Interaction. <i>ChemMedChem</i> , 2019, 14, 1610-1617.	3.2	11
12	Role of polymerase $\eta$ in mitochondrial mutagenesis of <i>Saccharomyces cerevisiae</i> . <i>Biochemical and Biophysical Research Communications</i> , 2013, 431, 270-273.	2.1	9
13	Environmental Stress Induces Trinucleotide Repeat Mutagenesis in Human Cells by Alt-Nonhomologous End Joining Repair. <i>Journal of Molecular Biology</i> , 2016, 428, 2978-2980.	4.2	8
14	REV1 Inhibition Enhances Radioresistance and Autophagy. <i>Cancers</i> , 2021, 13, 5290.	3.7	7
15	A stapled POL $\eta$ peptide targets REV1 to inhibit mutagenic translesion synthesis. <i>Environmental and Molecular Mutagenesis</i> , 2020, 61, 830-836.	2.2	5
16	De Novo RPS20 Mutations in Diamond Blackfan Anemia. <i>Blood</i> , 2014, 124, 2667-2667.	1.4	1
17	A Novel Radiosensitivity Phenotype in Shwachman-Diamond Syndrome Is Mediated By ER Stress Response. <i>Blood</i> , 2015, 126, 3618-3618.	1.4	0
18	Cells Deficient in the Shwachman-Diamond Syndrome Protein SBDS or the Diamond-Blackfan Anemia Protein RPS19 Have Impaired Homologous Recombination. <i>Blood</i> , 2019, 134, 104-104.	1.4	0