

Aishwarya Prakash

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18

papers

441

citations

11

h-index

21

g-index

58

ext. papers

561

ext. citations

6

avg, IF

4.37

L-index

#	Paper	IF	Citations
18	Base Excision Repair in the Mitochondria. <i>Journal of Cellular Biochemistry</i> , 2015 , 116, 1490-9	4.7	88
17	DNA damage related crosstalk between the nucleus and mitochondria. <i>Free Radical Biology and Medicine</i> , 2017 , 107, 216-227	7.8	82
16	The Fpg/Nei family of DNA glycosylases: substrates, structures, and search for damage. <i>Progress in Molecular Biology and Translational Science</i> , 2012 , 110, 71-91	4	65
15	Mitochondrial DNA: Epigenetics and environment. <i>Environmental and Molecular Mutagenesis</i> , 2019 , 60, 668-682	3.2	55
14	Genome and cancer single nucleotide polymorphisms of the human NEIL1 DNA glycosylase: activity, structure, and the effect of editing. <i>DNA Repair</i> , 2014 , 14, 17-26	4.3	27
13	The Antitumor Drug LB-100 Is a Catalytic Inhibitor of Protein Phosphatase 2A (PPP2CA) and 5 (PPP5C) Coordinating with the Active-Site Catalytic Metals in PPP5C. <i>Molecular Cancer Therapeutics</i> , 2019 , 18, 556-566	6.1	21
12	The changing landscape of Lynch syndrome due to PMS2 mutations. <i>Clinical Genetics</i> , 2018 , 94, 61-69	4	16
11	A germline polymorphism of thymine DNA glycosylase induces genomic instability and cellular transformation. <i>PLoS Genetics</i> , 2014 , 10, e1004753	6	15
10	The structure and function of replication protein A in DNA replication. <i>Sub-Cellular Biochemistry</i> , 2012 , 62, 171-96	5.5	15
9	Structural investigation of a viral ortholog of human NEIL2/3 DNA glycosylases. <i>DNA Repair</i> , 2013 , 12, 1062-71	4.3	14
8	The C-terminal tail of the NEIL1 DNA glycosylase interacts with the human mitochondrial single-stranded DNA binding protein. <i>DNA Repair</i> , 2018 , 65, 11-19	4.3	12
7	Stability and sub-cellular localization of DNA polymerase β s regulated by interactions with NQO1 and XRCC1 in response to oxidative stress. <i>Nucleic Acids Research</i> , 2019 , 47, 6269-6286	20.1	9
6	Phosphorylation Sites Identified in the NEIL1 DNA Glycosylase Are Potential Targets for the JNK1 Kinase. <i>PLoS ONE</i> , 2016 , 11, e0157860	3.7	8
5	Destabilization of the PCNA trimer mediated by its interaction with the NEIL1 DNA glycosylase. <i>Nucleic Acids Research</i> , 2017 , 45, 2897-2909	20.1	6
4	Biochemical and structural characterization of two variants of uncertain significance in the PMS2 gene. <i>Human Mutation</i> , 2019 , 40, 458-471	4.7	5
3	Exploiting DNA Endonucleases to Advance Mechanisms of DNA Repair. <i>Biology</i> , 2021 , 10,	4.9	1
2	Pan-RAS inhibitors: Hitting multiple RAS isozymes with one stone.. <i>Advances in Cancer Research</i> , 2022 , 153, 131-168	5.9	0

- 1 PMS2 variant results in loss of ATPase activity without compromising mismatch repair.. *Molecular Genetics & Genomic Medicine*, **2022**, e1908 2.3