

# Prabakaran Nagarajan

## List of Publications by Year in descending order

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15  
papers

421  
citations

933447

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1125743

13  
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18  
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docs citations

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times ranked

800  
citing authors

#	ARTICLE	IF	CITATIONS
1	Histone Acetyl Transferase 1 Is Essential for Mammalian Development, Genome Stability, and the Processing of Newly Synthesized Histones H3 and H4. PLoS Genetics, 2013, 9, e1003518.	3.5	83
2	Heterozygosity for a Bub1 mutation causes female-specific germ cell aneuploidy in mice. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 12776-12781.	7.1	59
3	Disruption of chromodomain helicase DNA binding protein 2 (<i>CHD2</i>) causes scoliosis. American Journal of Medical Genetics, Part A, 2008, 146A, 1117-1127.	1.2	55
4	Efficacy of Onalespib, a Long-Acting Second-Generation HSP90 Inhibitor, as a Single Agent and in Combination with Temozolomide against Malignant Gliomas. Clinical Cancer Research, 2017, 23, 6215-6226.	7.0	53
5	Identification of multiple roles for histone acetyltransferase 1 in replication-coupled chromatin assembly. Nucleic Acids Research, 2017, 45, 9319-9335.	14.5	37
6	Early-onset aging and mitochondrial defects associated with loss of histone acetyltransferase 1 (Hat1). Aging Cell, 2019, 18, e12992.	6.7	26
7	Increasing the complexity of chromatin: functionally distinct roles for replication-dependent histone H2A isoforms in cell proliferation and carcinogenesis. Nucleic Acids Research, 2013, 41, 9284-9295.	14.5	25
8	Histone acetyltransferase 1 is required for DNA replication fork function and stability. Journal of Biological Chemistry, 2020, 295, 8363-8373.	3.4	23
9	Hat1-Dependent Lysine Acetylation Targets Diverse Cellular Functions. Journal of Proteome Research, 2020, 19, 1663-1673.	3.7	20
10	Histone lysine methacrylation is a dynamic post-translational modification regulated by HAT1 and SIRT2. Cell Discovery, 2021, 7, 122.	6.7	19
11	Epigenetic regulation of nuclear lamina-associated heterochromatin by HAT1 and the acetylation of newly synthesized histones. Nucleic Acids Research, 2021, 49, 12136-12151.	14.5	14
12	The flip side of sirtuins: the emerging roles of protein acetyltransferases in aging. Aging, 2020, 12, 4673-4677.	3.1	3
13	ATPS-05 CHARACTERIZATION OF THE ACTIVITY OF AT13387, A NOVEL SECOND GENERATION HSP90 INHIBITOR AGAINST GLIOMAS. Neuro-Oncology, 2015, 17, v19.1-v19.	1.2	2
14	Abstract 683: DEBIO0932, an Hsp90 inhibitor downregulates key signaling pathways and sensitizes glioma cells to temozolomide. , 2015, , .		1
15	ANGI-06 PAK4 GOVERNS RADIATION-INDUCED ENDOTHELIAL Gro-1±CXCR2 SIGNALING AND ANGIOGENESIS IN GLIOMA. Neuro-Oncology, 2015, 17, v42.1-v42.	1.2	0