

Srisathiyanarayanan Dharmaiah

List of Publications by Year in descending order

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13
papers

1,126
citations

759233

12
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

1772
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Aqueous Au Core~Ag Shell Nanoparticles Using Tyrosine as a pH-Dependent Reducing Agent and Assembling Phase-Transferred Silver Nanoparticles at the Air~Water Interface. <i>Langmuir</i> , 2004, 20, 7825-7836.	3.5	334
2	Structural basis of recognition of farnesylated and methylated KRAS4b by PDE1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6766-E6775.	7.1	145
3	The RIG-I-like Receptor LGP2 Recognizes the Termini of Double-stranded RNA. <i>Journal of Biological Chemistry</i> , 2009, 284, 13881-13891.	3.4	128
4	KRAS interaction with RAF1 RAS-binding domain and cysteine-rich domain provides insights into RAS-mediated RAF activation. <i>Nature Communications</i> , 2021, 12, 1176.	12.8	107
5	KRAS G13D sensitivity to neurofibromin-mediated GTP hydrolysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22122-22131.	7.1	85
6	Synergistic Effects of Mutations and Nanoparticle Templating in the Self-Assembly of Cowpea Chlorotic Mottle Virus Capsids. <i>Nano Letters</i> , 2009, 9, 393-398.	9.1	57
7	Agonist and Antagonist Recognition by RIG-I, a Cytoplasmic Innate Immunity Receptor. <i>Journal of Biological Chemistry</i> , 2009, 284, 1155-1165.	3.4	51
8	Structures of N-terminally processed KRAS provide insight into the role of N-acetylation. <i>Scientific Reports</i> , 2019, 9, 10512.	3.3	47
9	The small molecule BI-2852 induces a nonfunctional dimer of KRAS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3363-3364.	7.1	46
10	Structural Insights into the SPRED1-Neurofibromin-KRAS Complex and Disruption of SPRED1-Neurofibromin Interaction by Oncogenic EGFR. <i>Cell Reports</i> , 2020, 32, 107909.	6.4	41
11	NSs Encoded by Groundnut Bud Necrosis Virus Is a Bifunctional Enzyme. <i>PLoS ONE</i> , 2010, 5, e9757.	2.5	39
12	RNA Binding by the Brome Mosaic Virus Capsid Protein and the Regulation of Viral RNA Accumulation. <i>Journal of Molecular Biology</i> , 2009, 391, 314-326.	4.2	38
13	RAS internal tandem duplication disrupts GTPase-activating protein (GAP) binding to activate oncogenic signaling. <i>Journal of Biological Chemistry</i> , 2020, 295, 9335-9348.	3.4	8