

Luke A Yates

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,228
citations

687363

13
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

2095
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of auto-inhibition and activation of Mec1ATR checkpoint kinase. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 50-61.	8.2	17
2	Regulation of DNA break repair by RNA. <i>Progress in Biophysics and Molecular Biology</i> , 2021, 163, 23-33.	2.9	3
3	Structures and regulations of ATM and ATR, master kinases in genome integrity. <i>Current Opinion in Structural Biology</i> , 2020, 61, 98-105.	5.7	31
4	Cryo-EM Structure of Nucleotide-Bound Tel1ATM Unravels the Molecular Basis of Inhibition and Structural Rationale for Disease-Associated Mutations. <i>Structure</i> , 2020, 28, 96-104.e3.	3.3	28
5	Structural basis of homologous recombination. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 3-18.	5.4	88
6	CLIC4/Arf6 Pathway. <i>Circulation Research</i> , 2019, 124, 52-65.	4.5	36
7	A structural and dynamic model for the assembly of Replication Protein A on single-stranded DNA. <i>Nature Communications</i> , 2018, 9, 5447.	12.8	110
8	Structure and lipid-binding properties of the kindlin-3 pleckstrin homology domain. <i>Biochemical Journal</i> , 2017, 474, 539-556.	3.7	40
9	Improved crystallization and diffraction of caffeine-induced death suppressor protein 1 (Cid1). <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2015, 71, 346-353.	0.8	2
10	Structural plasticity of Cid1 provides a basis for its distributive RNA terminal uridylyl transferase activity. <i>Nucleic Acids Research</i> , 2015, 43, 2968-2979.	14.5	25
11	Optimal Translational Termination Requires C4 Lysyl Hydroxylation of eRF1. <i>Molecular Cell</i> , 2014, 53, 645-654.	9.7	99
12	Efficient Production and Purification of Recombinant Murine Kindlin-3 from Insect Cells for Biophysical Studies. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	2
13	The Long and Short of MicroRNA. <i>Cell</i> , 2013, 153, 516-519.	28.9	639
14	Biophysical Analysis of Kindlin-3 Reveals an Elongated Conformation and Maps Integrin Binding to the Membrane-distal \hat{I}^2 -Subunit NPXY Motif. <i>Journal of Biological Chemistry</i> , 2012, 287, 37715-37731.	3.4	33
15	Structural basis for the activity of a cytoplasmic RNA terminal uridylyl transferase. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 782-787.	8.2	47
16	Structural and Functional Characterization of the Kindlin-1 Pleckstrin Homology Domain. <i>Journal of Biological Chemistry</i> , 2012, 287, 43246-43261.	3.4	27