

Colby R Sandate

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

473
citations

1478505

6
h-index

1872680

6
g-index

11
all docs

11
docs citations

11
times ranked

677
citing authors

#	ARTICLE	IF	CITATIONS
1	The molecular principles governing the activity and functional diversity of AAA+ proteins. <i>Nature Reviews Molecular Cell Biology</i> , 2020, 21, 43-58.	37.0	173
2	Formation of a repressive complex in the mammalian circadian clock is mediated by the secondary pocket of CRY1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1560-1565.	7.1	92
3	Circadian repressors CRY1 and CRY2 broadly interact with nuclear receptors and modulate transcriptional activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8776-8781.	7.1	84
4	An allosteric network in spastin couples multiple activities required for microtubule severing. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 671-678.	8.2	51
5	Dynamics at the serine loop underlie differential affinity of cryptochromes for CLOCK:BMAL1 to control circadian timing. <i>ELife</i> , 2020, 9, .	6.0	50
6	Early doors (<i>Edo</i>) mutant mouse reveals the importance of period 2 (PER2) PAS domain structure for circadian pacemaking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2756-2761.	7.1	19
7	A C2-symmetric state in the AAA+ KaiC hexamer coordinates structural and functional modes within a molecular clock. <i>Biophysical Journal</i> , 2022, 121, 42a-43a.	0.5	0