

Colin Hockings

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2513430/publications.pdf>

Version: 2024-02-01

14
papers

1,159
citations

840776

11
h-index

1058476

14
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17
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17
docs citations

17
times ranked

1628
citing authors

#	ARTICLE	IF	CITATIONS
1	Bax Crystal Structures Reveal How BH3 Domains Activate Bax and Nucleate Its Oligomerization to Induce Apoptosis. <i>Cell</i> , 2013, 152, 519-531.	28.9	491
2	Bax dimerizes via a symmetric BH3:groove interface during apoptosis. <i>Cell Death and Differentiation</i> , 2012, 19, 661-670.	11.2	161
3	VDAC2 enables BAX to mediate apoptosis and limit tumor development. <i>Nature Communications</i> , 2018, 9, 4976.	12.8	110
4	Bid chimeras indicate that most BH3-only proteins can directly activate Bak and Bax, and show no preference for Bak versus Bax. <i>Cell Death and Disease</i> , 2015, 6, e1735-e1735.	6.3	76
5	Assembly of the Bak Apoptotic Pore. <i>Journal of Biological Chemistry</i> , 2013, 288, 26027-26038.	3.4	67
6	A Highly Porous Metal-Organic Framework System to Deliver Payloads for Gene Knockdown. <i>CheM</i> , 2019, 5, 2926-2941.	11.7	66
7	Mcl-1 and Bcl-xL sequestration of Bak confers differential resistance to BH3-only proteins. <i>Cell Death and Differentiation</i> , 2018, 25, 721-734.	11.2	44
8	Physiological restraint of Bak by Bcl-x _L is essential for cell survival. <i>Genes and Development</i> , 2016, 30, 1240-1250.	5.9	40
9	BAK $\hat{\pm}$ 6 permits activation by BH3-only proteins and homooligomerization via the canonical hydrophobic groove. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7629-7634.	7.1	32
10	Intramitochondrial proteostasis is directly coupled to $\hat{\pm}$ -synuclein and amyloid $\hat{\pm}$ 1-42 pathologies. <i>Journal of Biological Chemistry</i> , 2020, 295, 10138-10152.	3.4	22
11	Satellite repeat transcripts modulate heterochromatin condensates and safeguard chromosome stability in mouse embryonic stem cells. <i>Nature Communications</i> , 2022, 13, .	12.8	16
12	A waveguide imaging platform for live-cell TIRF imaging of neurons over large fields of view. <i>Journal of Biophotonics</i> , 2020, 13, e201960222.	2.3	13
13	Compatibility of RUNX1/ETO fusion protein modules driving CD34+ human progenitor cell expansion. <i>Oncogene</i> , 2019, 38, 261-272.	5.9	6
14	Avoiding adsorption of Bcl-2 proteins to plasticware is important for accurate quantitation. <i>Cell Death and Differentiation</i> , 2019, 26, 794-795.	11.2	2