

John K Eaton

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9399613/publications.pdf>

Version: 2024-02-01

11
papers

5,621
citations

840585

11
h-index

1199470

12
g-index

18
all docs

18
docs citations

18
times ranked

4613
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper induces cell death by targeting lipoylated TCA cycle proteins. <i>Science</i> , 2022, 375, 1254-1261.	6.0	1,539
2	Dependency of a therapy-resistant state of cancer cells on a lipid peroxidase pathway. <i>Nature</i> , 2017, 547, 453-457.	13.7	1,194
3	Drug-tolerant persister cancer cells are vulnerable to GPX4 inhibition. <i>Nature</i> , 2017, 551, 247-250.	13.7	1,043
4	A GPX4-dependent cancer cell state underlies the clear-cell morphology and confers sensitivity to ferroptosis. <i>Nature Communications</i> , 2019, 10, 1617.	5.8	499
5	Plasticity of ether lipids promotes ferroptosis susceptibility and evasion. <i>Nature</i> , 2020, 585, 603-608.	13.7	420
6	Cytochrome P450 oxidoreductase contributes to phospholipid peroxidation in ferroptosis. <i>Nature Chemical Biology</i> , 2020, 16, 302-309.	3.9	396
7	Selective covalent targeting of GPX4 using masked nitrile-oxide electrophiles. <i>Nature Chemical Biology</i> , 2020, 16, 497-506.	3.9	229
8	A Compendium of Genetic Modifiers of Mitochondrial Dysfunction Reveals Intra-organelle Buffering. <i>Cell</i> , 2019, 179, 1222-1238.e17.	13.5	109
9	Diacylfuroxans Are Masked Nitrile Oxides That Inhibit GPX4 Covalently. <i>Journal of the American Chemical Society</i> , 2019, 141, 20407-20415.	6.6	76
10	Crystal structures of the selenoprotein glutathione peroxidase 4 in its apo form and in complex with the covalently bound inhibitor ML162. <i>Acta Crystallographica Section D: Structural Biology</i> , 2021, 77, 237-248.	1.1	56
11	Structure-activity relationships of GPX4 inhibitor warheads. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127538.	1.0	28