Vasanthi S Viswanathan

List of Publications by Year
in descending order

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17	7,564	840776	1281871
papers	citations	11 h-index	11 g-index

20	20	20	8134
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Crystal structures of the selenoprotein glutathione peroxidase 4 in its apo form and in complex with the covalently bound inhibitor ML162. Acta Crystallographica Section D: Structural Biology, 2021, 77, 237-248.	2.3	56
2	An expanded universe of cancer targets. Cell, 2021, 184, 1142-1155.	28.9	135
3	Structureâ€“activity relationships of GPX4 inhibitor warheads. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127538.	2.2	28
4	Aldehyde dehydrogenase 3a2 protects AML cells from oxidative death and the synthetic lethality of ferroptosis inducers. Blood, 2020, 136, 1303-1316.	1.4	68
5	Selective covalent targeting of GPX4 using masked nitrile-oxide electrophiles. Nature Chemical Biology, 2020, 16, 497-506.	8.0	229
6	A GPX4-dependent cancer cell state underlies the clear-cell morphology and confers sensitivity to ferroptosis. Nature Communications, 2019, 10, 1617.	12.8	499
7	Diacylfuroxans Are Masked Nitrile Oxides That Inhibit GPX4 Covalently. Journal of the American Chemical Society, 2019, 141, 20407-20415.	13.7	76
8	Drug-tolerant persister cancer cells are vulnerable to GPX4 inhibition. Nature, 2017, 551, 247-250.	27.8	1,043
9	Dependency of a therapy-resistant state of cancer cells on a lipid peroxidase pathway. Nature, 2017, 547, 453-457.	27.8	1,194
10	Abstract 1006: Drug-tolerant persister cancer cells are vulnerable to GPX4 inhibition. , 2017, , .		0
11	Abstract 3026: Targeting GPX4 in tumor-associated stromal cells increases inflammatory-cell infiltration. , 2017, , .		0
12	Inhibition of Zinc-Dependent Histone Deacetylases with a Chemically Triggered Electrophile. ACS Chemical Biology, 2016, 11, 1844-1851.	3.4	21
13	MB-103DiSCoVERing INNOVATIVE THERAPIES: COMBINING GENETICALLY ACCURATE DISEASE MODELS OF MEDULLOBLASTOMA WITH ADVANCED IN SILICO ANALYSIS TO IDENTIFY NOVEL THERAPEUTIC TARGETS. Neuro-Oncology, 2016, 18, iii120.3-iii120.	1.2	0
14	Abstract B11: Targeting mesenchymal cells in the tumor stroma by GPX4 inhibition. , 2016, , .		0
15	Abstract 2476: DiSCoVERing innovative therapies for rare tumors: Combining genetically accurate disease models with advanced in silico analysis to identify novel therapeutic targets. , 2016, , .		0
16	Regulation of Ferroptotic Cancer Cell Death by GPX4. Cell, 2014, 156, 317-331.	28.9	4,187
17	Abstract 181: Therapeutic approaches to metastasis induced by mesenchymal stem cells in the tumor microenvironment. , 2014, , .		0