

Kristin K Brown

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

1,916
citations

16
h-index

43
g-index

57
ext. papers

2,295
ext. citations

13.8
avg, IF

4.35
L-index

#	Paper	IF	Citations
22	Sequence analysis of mutations and translocations across breast cancer subtypes. <i>Nature</i> , 2012 , 486, 405-9	50.4	895
21	The thioredoxin reductase inhibitor auranofin triggers apoptosis through a Bax/Bak-dependent process that involves peroxiredoxin 3 oxidation. <i>Biochemical Pharmacology</i> , 2008 , 76, 1097-109	6	129
20	Tumor immune evasion arises through loss of TNF sensitivity. <i>Science Immunology</i> , 2018 , 3,	28	119
19	Yap reprograms glutamine metabolism to increase nucleotide biosynthesis and enable liver growth. <i>Nature Cell Biology</i> , 2016 , 18, 886-896	23.4	109
18	Adaptive Reprogramming of Pyrimidine Synthesis Is a Metabolic Vulnerability in Triple-Negative Breast Cancer. <i>Cancer Discovery</i> , 2017 , 7, 391-399	24.4	95
17	Biological targets of isothiocyanates. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2011 , 1810, 888-94		87
16	The phosphoinositide 3-kinase pathway and therapy resistance in cancer. <i>F1000prime Reports</i> , 2015 , 7, 13		75
15	Direct modification of the proinflammatory cytokine macrophage migration inhibitory factor by dietary isothiocyanates. <i>Journal of Biological Chemistry</i> , 2009 , 284, 32425-33	5.4	67
14	Mitochondrial peroxiredoxin 3 is rapidly oxidized in cells treated with isothiocyanates. <i>Free Radical Biology and Medicine</i> , 2008 , 45, 494-502	7.8	53
13	PKD controls β integrin recycling and tumor cell invasive migration through its substrate Rabaptin-5. <i>Developmental Cell</i> , 2012 , 23, 560-72	10.2	41
12	Yap regulates glucose utilization and sustains nucleotide synthesis to enable organ growth. <i>EMBO Journal</i> , 2018 , 37,	13	39
11	S-nitrosothiol signaling regulates liver development and improves outcome following toxic liver injury. <i>Cell Reports</i> , 2014 , 6, 56-69	10.6	36
10	Selenoprotein H is an essential regulator of redox homeostasis that cooperates with p53 in development and tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E5562-71	11.5	33
9	MERIT40 Is an Akt Substrate that Promotes Resolution of DNA Damage Induced by Chemotherapy. <i>Cell Reports</i> , 2015 , 11, 1358-66	10.6	30
8	Mitochondrial respiratory chain involvement in peroxiredoxin 3 oxidation by phenethyl isothiocyanate and auranofin. <i>FEBS Letters</i> , 2010 , 584, 1257-62	3.8	27
7	Phenethyl isothiocyanate triggers apoptosis in Jurkat cells made resistant by the overexpression of Bcl-2. <i>Cancer Research</i> , 2006 , 66, 6772-7	10.1	25
6	Characterization of the Src-regulated kinome identifies SGK1 as a key mediator of Src-induced transformation. <i>Nature Communications</i> , 2019 , 10, 296	17.4	13

5	Proteomic detection of oxidized and reduced thiol proteins in cultured cells. <i>Methods in Molecular Biology</i> , 2009 , 519, 363-75	1.4	13
4	Induction of apoptosis by phenethyl isothiocyanate in cells overexpressing Bcl-XL. <i>Cancer Letters</i> , 2008 , 271, 215-21	9.9	13
3	Serine Biosynthesis Is a Metabolic Vulnerability in FLT3-ITD-Driven Acute Myeloid Leukemia. <i>Cancer Discovery</i> , 2021 , 11, 1582-1599	24.4	11
2	Reprogramming of serine metabolism is an actionable vulnerability in FLT3-ITD driven acute myeloid leukaemia		1
1	AMPK CA(R)Sts a new light on amino acid sensing. <i>EMBO Journal</i> , 2021 , 40, e109575	13	1