

Donita C Brady

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

2,443
citations

430874

18
h-index

580821

25
g-index

35
all docs

35
docs citations

35
times ranked

2218
citing authors

#	ARTICLE	IF	CITATIONS
1	Connecting copper and cancer: from transition metal signalling to metalloplasia. <i>Nature Reviews Cancer</i> , 2022, 22, 102-113.	28.4	519
2	Copper is required for oncogenic BRAF signalling and tumorigenesis. <i>Nature</i> , 2014, 509, 492-496.	27.8	425
3	A Novel Role for Copper in Ras/Mitogen-Activated Protein Kinase Signaling. <i>Molecular and Cellular Biology</i> , 2012, 32, 1284-1295.	2.3	226
4	Copper is an essential regulator of the autophagic kinases ULK1/2 to drive lung adenocarcinoma. <i>Nature Cell Biology</i> , 2020, 22, 412-424.	10.3	173
5	A Unified Approach to Targeting the Lysosome's Degradative and Growth Signaling Roles. <i>Cancer Discovery</i> , 2017, 7, 1266-1283.	9.4	159
6	Cuproptosis: Cellular and molecular mechanisms underlying copper-induced cell death. <i>Molecular Cell</i> , 2022, 82, 1786-1787.	9.7	136
7	Copper biology. <i>Current Biology</i> , 2021, 31, R421-R427.	3.9	108
8	Copper Chelation Inhibits BRAFV600E-Driven Melanomagenesis and Counters Resistance to BRAFV600E and MEK1/2 Inhibitors. <i>Cancer Research</i> , 2017, 77, 6240-6252.	0.9	98
9	Activity-based ratiometric FRET probe reveals oncogene-driven changes in labile copper pools induced by altered glutathione metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18285-18294.	7.1	94
10	CDK7 Inhibition Suppresses Castration-Resistant Prostate Cancer through MED1 Inactivation. <i>Cancer Discovery</i> , 2019, 9, 1538-1555.	9.4	88
11	Altered copper homeostasis underlies sensitivity of hepatocellular carcinoma to copper chelation. <i>Metallomics</i> , 2020, 12, 1995-2008.	2.4	76
12	Academic careers and the COVID-19 pandemic: Reversing the tide. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	71
13	Copper chaperone ATOX1 is required for MAPK signaling and growth in <i>BRAF</i> mutation-positive melanoma. <i>Metallomics</i> , 2019, 11, 1430-1440.	2.4	39
14	YAP1 enhances NF- κ B-dependent and independent effects on clock-mediated unfolded protein responses and autophagy in sarcoma. <i>Cell Death and Disease</i> , 2018, 9, 1108.	6.3	34
15	Wnt5a signaling induced phosphorylation increases APT1 activity and promotes melanoma metastatic behavior. <i>ELife</i> , 2018, 7, .	6.0	29
16	Inhibition of BCL2 Family Members Increases the Efficacy of Copper Chelation in BRAFV600E-Driven Melanoma. <i>Cancer Research</i> , 2020, 80, 1387-1400.	0.9	29
17	Evaluation of copper chaperone ATOX1 as prognostic biomarker in breast cancer. <i>Breast Cancer</i> , 2020, 27, 505-509.	2.9	27
18	Copper suppression as cancer therapy: the rationale for copper chelating agents in <i>BRAF</i> ^{V600} mutated melanoma. <i>Melanoma Management</i> , 2016, 3, 207-216.	0.5	21

#	ARTICLE	IF	CITATIONS
19	The copper chaperone CCS facilitates copper binding to MEK1/2 to promote kinase activation. Journal of Biological Chemistry, 2021, 297, 101314.	3.4	21
20	Combined Menin and EGFR Inhibitors Synergize to Suppress Colorectal Cancer via EGFR-Independent and Calcium-Mediated Repression of SKP2 Transcription. Cancer Research, 2019, 79, 2195-2207.	0.9	19
21	The transcription factor PAX8 promotes angiogenesis in ovarian cancer through interaction with SOX17. Science Signaling, 2022, 15, eabm2496.	3.6	15
22	The Race toward Equity: Increasing Racial Diversity in Cancer Research and Cancer Care. Cancer Discovery, 2020, 10, 1451-1454.	9.4	11
23	BRAFV600E-Driven Lung Adenocarcinoma Requires Copper to Sustain Autophagic Signaling and Processing. Molecular Cancer Research, 2022, 20, 1096-1107.	3.4	6
24	Copper Modulates the Catalytic Activity of Protein Kinase CK2. Frontiers in Molecular Biosciences, 0, 9, .	3.5	5
25	Understanding and drugging RAS: 40 years to break the tip of the iceberg. DMM Disease Models and Mechanisms, 2022, 15, .	2.4	1
26	Direct anabolic metabolism of three-carbon propionate to a six-carbon metabolite occurs in vivo across tissues and species. Journal of Lipid Research, 2022, 63, 100224.	4.2	1
27	Tracing copper utilization by kinase signal transduction pathways: Implications for cancer cell processes. FASEB Journal, 2022, 36, .	0.5	1