Joseph D Mancias

List of Publications by Year
in descending order

39	10,050	218381	301761
papers	citations	26 h-index	39 g-index

40	40	40	20844
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
2	Quantitative proteomics identifies NCOA4 as the cargo receptor mediating ferritinophagy. Nature, 2014, 509, 105-109.	13.7	1,169
3	Autophagy promotes immune evasion of pancreatic cancer by degrading MHC-I. Nature, 2020, 581, 100-105.	13.7	628
4	KRAS: feeding pancreatic cancer proliferation. Trends in Biochemical Sciences, 2014, 39, 91-100.	3.7	546
5	Plasticity in binding confers selectivity in ligand-induced protein degradation. Nature Chemical Biology, 2018, 14, 706-714.	3.9	391
6	Ferritinophagy via NCOA4 is required for erythropoiesis and is regulated by iron dependent HERC2-mediated proteolysis. ELife, 2015, 4, .	2.8	309
7	Compensatory metabolic networks in pancreatic cancers upon perturbation of glutamine metabolism. Nature Communications, 2017, 8, 15965.	5.8	231
8	The Role of Autophagy in Cancer. Annual Review of Cancer Biology, 2017, 1, 19-39.	2.3	158
9	Mechanisms of Selective Autophagy in Normal Physiology and Cancer. Journal of Molecular Biology, 2016, 428, 1659-1680.	2.0	156
10	Reimagining high-throughput profiling of reactive cysteines for cell-based screening of large electrophile libraries. Nature Biotechnology, 2021, 39, 630-641.	9.4	142
11	Targeting Autophagy Addiction in Cancer. Oncotarget, 2011, 2, 1302-1306.	0.8	138
12	NCOA4-Mediated Ferritinophagy: A Potential Link to Neurodegeneration. Frontiers in Neuroscience, 2019, 13, 238.	1.4	132
13	Rapid and direct control of target protein levels with VHL-recruiting dTAG molecules. Nature Communications, 2020, 11, 4687.	5.8	129
14	Neurons Release Serine to Support mRNA Translation in Pancreatic Cancer. Cell, 2020, 183, 1202-1218.e25.	13.5	128
15	Microcephaly Proteins Wdr62 and Aspm Define a Mother Centriole Complex Regulating Centriole Biogenesis, Apical Complex, and Cell Fate. Neuron, 2016, 92, 813-828.	3.8	116
16	Selective Alanine Transporter Utilization Creates a Targetable Metabolic Niche in Pancreatic Cancer. Cancer Discovery, 2020, 10, 1018-1037.	7.7	104
17	Reuterin in the healthy gut microbiome suppresses colorectal cancer growth through altering redox balance. Cancer Cell, 2022, 40, 185-200.e6.	7.7	97
18	Stereotactic Body Radiotherapy (SBRT) for Intrahepatic and Hilar Cholangiocarcinoma. Journal of Cancer, 2015, 6, 1099-1104.	1.2	89

#	Article	IF	Citations
19	Stereotactic body radiotherapy for unresected pancreatic cancer: A nationwide review. Cancer, 2017, 123, 4158-4167.	2.0	88
20	Discovery of a selective inhibitor of doublecortin like kinase 1. Nature Chemical Biology, 2020, 16, 635-643.	3.9	84
21	The Role of NCOA4-Mediated Ferritinophagy in Ferroptosis. Advances in Experimental Medicine and Biology, 2021, 1301, 41-57.	0.8	80
22	Respiratory Supercomplexes Promote Mitochondrial Efficiency and Growth in Severely Hypoxic Pancreatic Cancer. Cell Reports, 2020, 33, 108231.	2.9	70
23	Defining and Targeting Adaptations to Oncogenic KRASG12C Inhibition Using Quantitative Temporal Proteomics. Cell Reports, 2020, 30, 4584-4599.e4.	2.9	53
24	Autophagy is required for proper cysteine homeostasis in pancreatic cancer through regulation of SLC7A11. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	48
25	NCOA4 maintains murine erythropoiesis via cell autonomous and non-autonomous mechanisms. Haematologica, 2019, 104, 1342-1354.	1.7	38
26	An In Vivo CRISPR Screening Platform for Prioritizing Therapeutic Targets in AML. Cancer Discovery, 2022, 12, 432-449.	7.7	32
27	Coordinated Transcriptional and Catabolic Programs Support Iron-Dependent Adaptation to RASâ€“MAPK Pathway Inhibition in Pancreatic Cancer. Cancer Discovery, 2022, 12, 2198-2219.	7.7	32
28	Multiplexed Relative Quantitation with Isobaric Tagging Mass Spectrometry Reveals Class I Major Histocompatibility Complex Ligand Dynamics in Response to Doxorubicin. Analytical Chemistry, 2019, 91, 5106-5115.	3.2	27
29	cIAP1/2 antagonism eliminates MHC class Iâ€“negative tumors through T cellâ€“dependent reprogramming of mononuclear phagocytes. Science Translational Medicine, 2021, 13, .	5.8	25
30	Selective Modulation of a Pan-Essential Protein as a Therapeutic Strategy in Cancer. Cancer Discovery, 2021, 11, 2282-2299.	7.7	21
31	ATG7 is essential for secretion of iron from ameloblasts and normal growth of murine incisors during aging. Autophagy, 2020, 16, 1851-1857.	4.3	20
32	Chemical Biology Toolkit for DCLK1 Reveals Connection to RNA Processing. Cell Chemical Biology, 2020, 27, 1229-1240.e4.	2.5	19
33	Proteome-Wide Protein Expression Profiling Across Five Pancreatic Cell Lines. Pancreas, 2017, 46, 690-698.	0.5	18
34	When, What, and Why of Perioperative Treatment of Potentially Curable Pancreatic Adenocarcinoma. Journal of Clinical Oncology, 2017, 35, 485-489.	0.8	9
35	Multicancer Early Detection Technologies: A Review Informed by Past Cancer Screening Studies. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 1139-1145.	1.1	7
36	Multiomic analysis on human cell model of wolfram syndrome reveals changes in mitochondrial morphology and function. Cell Communication and Signaling, 2021, 19, 116.	2.7	6

#	Article	IF	Citations
37	Accelerated partial breast irradiation using TARGIT: the pros, cons and the need for long-term results. Expert Review of Anticancer Therapy, 2010, 10, 1869-1875.	1.1	3
38	What Patients Look for When Browsing Online for Pancreatic Cancer: The Bait Behind the Byte. World Journal of Surgery, 2018, 42, 4097-4106.	0.8	3
39	The role of nuclear receptor co-activator 4 in erythropoiesis (Reply to Nai et al.). Haematologica, 2019, 104, e585-e586.	1.7	1