

Joseph D Mancias

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

10,050
citations

218677

26
h-index

302126

39
g-index

40
all docs

40
docs citations

40
times ranked

20844
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Quantitative proteomics identifies NCOA4 as the cargo receptor mediating ferritinophagy. <i>Nature</i> , 2014, 509, 105-109.	27.8	1,169
3	Autophagy promotes immune evasion of pancreatic cancer by degrading MHC-I. <i>Nature</i> , 2020, 581, 100-105.	27.8	628
4	KRAS: feeding pancreatic cancer proliferation. <i>Trends in Biochemical Sciences</i> , 2014, 39, 91-100.	7.5	546
5	Plasticity in binding confers selectivity in ligand-induced protein degradation. <i>Nature Chemical Biology</i> , 2018, 14, 706-714.	8.0	391
6	Ferritinophagy via NCOA4 is required for erythropoiesis and is regulated by iron dependent HERC2-mediated proteolysis. <i>ELife</i> , 2015, 4, .	6.0	309
7	Compensatory metabolic networks in pancreatic cancers upon perturbation of glutamine metabolism. <i>Nature Communications</i> , 2017, 8, 15965.	12.8	231
8	The Role of Autophagy in Cancer. <i>Annual Review of Cancer Biology</i> , 2017, 1, 19-39.	4.5	158
9	Mechanisms of Selective Autophagy in Normal Physiology and Cancer. <i>Journal of Molecular Biology</i> , 2016, 428, 1659-1680.	4.2	156
10	Reimagining high-throughput profiling of reactive cysteines for cell-based screening of large electrophile libraries. <i>Nature Biotechnology</i> , 2021, 39, 630-641.	17.5	142
11	Targeting Autophagy Addiction in Cancer. <i>Oncotarget</i> , 2011, 2, 1302-1306.	1.8	138
12	NCOA4-Mediated Ferritinophagy: A Potential Link to Neurodegeneration. <i>Frontiers in Neuroscience</i> , 2019, 13, 238.	2.8	132
13	Rapid and direct control of target protein levels with VHL-recruiting dTAG molecules. <i>Nature Communications</i> , 2020, 11, 4687.	12.8	129
14	Neurons Release Serine to Support mRNA Translation in Pancreatic Cancer. <i>Cell</i> , 2020, 183, 1202-1218.e25.	28.9	128
15	Microcephaly Proteins Wdr62 and Aspm Define a Mother Centriole Complex Regulating Centriole Biogenesis, Apical Complex, and Cell Fate. <i>Neuron</i> , 2016, 92, 813-828.	8.1	116
16	Selective Alanine Transporter Utilization Creates a Targetable Metabolic Niche in Pancreatic Cancer. <i>Cancer Discovery</i> , 2020, 10, 1018-1037.	9.4	104
17	Reuterin in the healthy gut microbiome suppresses colorectal cancer growth through altering redox balance. <i>Cancer Cell</i> , 2022, 40, 185-200.e6.	16.8	97
18	Stereotactic Body Radiotherapy (SBRT) for Intrahepatic and Hilar Cholangiocarcinoma. <i>Journal of Cancer</i> , 2015, 6, 1099-1104.	2.5	89

#	ARTICLE	IF	CITATIONS
19	Stereotactic body radiotherapy for unresected pancreatic cancer: A nationwide review. <i>Cancer</i> , 2017, 123, 4158-4167.	4.1	88
20	Discovery of a selective inhibitor of doublecortin like kinase 1. <i>Nature Chemical Biology</i> , 2020, 16, 635-643.	8.0	84
21	The Role of NCOA4-Mediated Ferritinophagy in Ferroptosis. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1301, 41-57.	1.6	80
22	Respiratory Supercomplexes Promote Mitochondrial Efficiency and Growth in Severely Hypoxic Pancreatic Cancer. <i>Cell Reports</i> , 2020, 33, 108231.	6.4	70
23	Defining and Targeting Adaptations to Oncogenic KRASG12C Inhibition Using Quantitative Temporal Proteomics. <i>Cell Reports</i> , 2020, 30, 4584-4599.e4.	6.4	53
24	Autophagy is required for proper cysteine homeostasis in pancreatic cancer through regulation of SLC7A11. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	48
25	NCOA4 maintains murine erythropoiesis via cell autonomous and non-autonomous mechanisms. <i>Haematologica</i> , 2019, 104, 1342-1354.	3.5	38
26	An <i>In Vivo</i> CRISPR Screening Platform for Prioritizing Therapeutic Targets in AML. <i>Cancer Discovery</i> , 2022, 12, 432-449.	9.4	32
27	Coordinated Transcriptional and Catabolic Programs Support Iron-Dependent Adaptation to RAS-MAPK Pathway Inhibition in Pancreatic Cancer. <i>Cancer Discovery</i> , 2022, 12, 2198-2219.	9.4	32
28	Multiplexed Relative Quantitation with Isobaric Tagging Mass Spectrometry Reveals Class I Major Histocompatibility Complex Ligand Dynamics in Response to Doxorubicin. <i>Analytical Chemistry</i> , 2019, 91, 5106-5115.	6.5	27
29	clAP1/2 antagonism eliminates MHC class II-negative tumors through T cell-dependent reprogramming of mononuclear phagocytes. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	25
30	Selective Modulation of a Pan-Essential Protein as a Therapeutic Strategy in Cancer. <i>Cancer Discovery</i> , 2021, 11, 2282-2299.	9.4	21
31	ATG7 is essential for secretion of iron from ameloblasts and normal growth of murine incisors during aging. <i>Autophagy</i> , 2020, 16, 1851-1857.	9.1	20
32	Chemical Biology Toolkit for DCLK1 Reveals Connection to RNA Processing. <i>Cell Chemical Biology</i> , 2020, 27, 1229-1240.e4.	5.2	19
33	Proteome-Wide Protein Expression Profiling Across Five Pancreatic Cell Lines. <i>Pancreas</i> , 2017, 46, 690-698.	1.1	18
34	When, What, and Why of Perioperative Treatment of Potentially Curable Pancreatic Adenocarcinoma. <i>Journal of Clinical Oncology</i> , 2017, 35, 485-489.	1.6	9
35	Multicancer Early Detection Technologies: A Review Informed by Past Cancer Screening Studies. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2022, 31, 1139-1145.	2.5	7
36	Multiomic analysis on human cell model of wolfram syndrome reveals changes in mitochondrial morphology and function. <i>Cell Communication and Signaling</i> , 2021, 19, 116.	6.5	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.	2.4	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.	1.6	3
39	The role of nuclear receptor co-activator 4 in erythropoiesis (Reply to Nai et al.). Haematologica, 2019, 104, e585-e586.	3.5	1