Anne Le

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3812370/publications.pdf

Version: 2024-02-01

74	6,767	117571	76872
papers	citations	34	74
		h-index	g-index

79	79	79	10889
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Inhibition of lactate dehydrogenase A induces oxidative stress and inhibits tumor progression. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2037-2042.	3.3	1,150
2	Glucose-Independent Glutamine Metabolism via TCA Cycling for Proliferation and Survival in B Cells. Cell Metabolism, 2012, 15, 110-121.	7.2	923
3	MYC-Induced Cancer Cell Energy Metabolism and Therapeutic Opportunities. Clinical Cancer Research, 2009, 15, 6479-6483.	3.2	738
4	Reprogramming of proline and glutamine metabolism contributes to the proliferative and metabolic responses regulated by oncogenic transcription factor c-MYC. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8983-8988.	3.3	399
5	Targeted inhibition of tumor-specific glutaminase diminishes cell-autonomous tumorigenesis. Journal of Clinical Investigation, 2015, 125, 2293-2306.	3.9	319
6	Dysregulated metabolism contributes to oncogenesis. Seminars in Cancer Biology, 2015, 35, S129-S150.	4.3	225
7	Quantitative determinants of aerobic glycolysis identify flux through the enzyme GAPDH as a limiting step. ELife, 2014, 3, .	2.8	222
8	Designing a broad-spectrum integrative approach for cancer prevention and treatment. Seminars in Cancer Biology, 2015, 35, S276-S304.	4.3	220
9	Combination therapy with BPTES nanoparticles and metformin targets the metabolic heterogeneity of pancreatic cancer. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5328-36.	3.3	180
10	Mitochondrial copper depletion suppresses triple-negative breast cancer in mice. Nature Biotechnology, 2021, 39, 357-367.	9.4	163
11	Glutamine Metabolism in Cancer. Advances in Experimental Medicine and Biology, 2018, 1063, 13-32.	0.8	153
12	Therapeutic targeting of cancer cell metabolism. Journal of Molecular Medicine, 2011, 89, 205-212.	1.7	151
13	Glucose Metabolism in Cancer. Advances in Experimental Medicine and Biology, 2018, 1063, 3-12.	0.8	139
14	Therapeutic Targeting of the Warburg Effect in Pancreatic Cancer Relies on an Absence of p53 Function. Cancer Research, 2015, 75, 3355-3364.	0.4	129
15	Discovery of 6-Diazo-5-oxo-<scp>l</scp>-norleucine (DON) Prodrugs with Enhanced CSF Delivery in Monkeys: A Potential Treatment for Glioblastoma. Journal of Medicinal Chemistry, 2016, 59, 8621-8633.	2.9	98
16	Glucose Metabolism in Cancer: The Warburg Effect and Beyond. Advances in Experimental Medicine and Biology, 2021, 1311, 3-15.	0.8	76
17	Uncovering the Role of N-Acetyl-Aspartyl-Glutamate as a Glutamate Reservoir in Cancer. Cell Reports, 2019, 27, 491-501.e6.	2.9	73
18	Alveolar cell apoptosis is dependent on p38 MAP kinase-mediated activation of xanthine oxidoreductase in ventilator-induced lung injury. Journal of Applied Physiology, 2008, 105, 1282-1290.	1.2	61

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19	Evaluation of LDH-A and Glutaminase Inhibition In Vivo by Hyperpolarized 13C-Pyruvate Magnetic Resonance Spectroscopy of Tumors. Cancer Research, 2013, 73, 4190-4195.	0.4	61
20	The Heterogeneity of Lipid Metabolism in Cancer. Advances in Experimental Medicine and Biology, 2018, 1063, 33-55.	0.8	60
21	Targeting mitochondrial translation by inhibiting DDX3: a novel radiosensitization strategy for cancer treatment. Oncogene, 2018, 37, 63-74.	2.6	58
22	Mitogen Activated Protein Kinase Activated Protein Kinase 2 Regulates Actin Polymerization and Vascular Leak in Ventilator Associated Lung Injury. PLoS ONE, 2009, 4, e4600.	1.1	53
23	Conceptual Framework for Cutting the Pancreatic Cancer Fuel Supply. Clinical Cancer Research, 2012, 18, 4285-4290.	3.2	52
24	Metabolic Relationship between Cancer-Associated Fibroblasts and Cancer Cells. Advances in Experimental Medicine and Biology, 2018, 1063, 149-165.	0.8	51
25	Allosteric Glutaminase Inhibitors Based on a 1,4-Di(5-amino-1,3,4-thiadiazol-2-yl)butane Scaffold. ACS Medicinal Chemistry Letters, 2016, 7, 520-524.	1.3	50
26	Tumorigenicity of hypoxic respiring cancer cells revealed by a hypoxiaâ€“cell cycle dual reporter. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12486-12491.	3.3	48
27	Induction of ectopic Myc target gene JAG2 augments hypoxic growth and tumorigenesis in a human B-cell model. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3534-3539.	3.3	47
28	Inhibition of the MYC-Regulated Glutaminase Metabolic Axis Is an Effective Synthetic Lethal Approach for Treating Chemoresistant Ovarian Cancers. Cancer Research, 2020, 80, 4514-4526.	0.4	44
29	Glutamine Metabolism in Cancer. Advances in Experimental Medicine and Biology, 2021, 1311, 17-38.	0.8	43
30	Hepatocyte Growth Factor, a Determinant of Airspace Homeostasis in the Murine Lung. PLoS Genetics, 2013, 9, e1003228.	1.5	42
31	The limitless applications of single-cell metabolomics. Current Opinion in Biotechnology, 2021, 71, 115-122.	3.3	42
32	Application of metabolomics technologies toward cancer prognosis and therapy. International Review of Cell and Molecular Biology, 2019, 347, 191-223.	1.6	41
33	Kynurenines link chronic inflammation to functional decline and physical frailty. JCI Insight, 2020, 5, .	2.3	40
34	Nrf2 signaling and autophagy are complementary in protecting breast cancer cells during glucose deprivation. Free Radical Biology and Medicine, 2018, 120, 407-413.	1.3	39
35	Inhibition of glutaminolysis in combination with other therapies to improve cancer treatment. Current Opinion in Chemical Biology, 2021, 62, 64-81.	2.8	39
36	Upregulation of the Glutaminase II Pathway Contributes to Glutamate Production upon Glutaminase 1 Inhibition in Pancreatic Cancer. Proteomics, 2019, 19, e1800451.	1.3	36

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37	Pulmonary Epithelial Neuropilin-1 Deletion Enhances Development of Cigarette Smokeâ€“induced Emphysema. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 396-406.	2.5	34
38	The Intratumoral Heterogeneity of Cancer Metabolism. Advances in Experimental Medicine and Biology, 2018, 1063, 131-145.	0.8	27
39	The Metabolic Interplay between Cancer and Other Diseases. Trends in Cancer, 2019, 5, 809-821.	3.8	27
40	The Heterogeneity of Lipid Metabolism in Cancer. Advances in Experimental Medicine and Biology, 2021, 1311, 39-56.	0.8	27
41	Targeting Metabolic Cross Talk between Cancer Cells and Cancer-Associated Fibroblasts. Advances in Experimental Medicine and Biology, 2018, 1063, 167-178.	0.8	26
42	Studying Mycâ€™s Role in Metabolism Regulation. Methods in Molecular Biology, 2013, 1012, 213-219.	0.4	24
43	The Multifaceted Metabolism of Glioblastoma. Advances in Experimental Medicine and Biology, 2018, 1063, 59-72.	0.8	23
44	Regulation of mitochondrial fragmentation in microvascular endothelial cells isolated from the SU5416/hypoxia model of pulmonary arterial hypertension. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 317, L639-L652.	1.3	23
45	Different Tumor Microenvironments Lead to Different Metabolic Phenotypes. Advances in Experimental Medicine and Biology, 2018, 1063, 119-129.	0.8	21
46	The Intratumoral Heterogeneity of Cancer Metabolism. Advances in Experimental Medicine and Biology, 2021, 1311, 149-160.	0.8	21
47	Non-Hodgkin Lymphoma Metabolism. Advances in Experimental Medicine and Biology, 2018, 1063, 95-106.	0.8	18
48	Different Tumor Microenvironments Lead to Different Metabolic Phenotypes. Advances in Experimental Medicine and Biology, 2021, 1311, 137-147.	0.8	18
49	Targeting Metabolic Cross Talk Between Cancer Cells and Cancer-Associated Fibroblasts. Advances in Experimental Medicine and Biology, 2021, 1311, 205-214.	0.8	18
50	Targeted Deletion of Interleukin-6 in a Mouse Model of Chronic Inflammation Demonstrates Opposing Roles in Aging: Benefit and Harm. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 211-215.	1.7	17
51	Metabolic Relationship Between Cancer-Associated Fibroblasts and Cancer Cells. Advances in Experimental Medicine and Biology, 2021, 1311, 189-204.	0.8	17
52	The Intricate Metabolism of Pancreatic Cancers. Advances in Experimental Medicine and Biology, 2018, 1063, 73-81.	0.8	15
53	The Heterogeneity of Breast Cancer Metabolism. Advances in Experimental Medicine and Biology, 2021, 1311, 89-101.	0.8	15
54	The Multifaceted Glioblastoma: From Genomic Alterations to Metabolic Adaptations. Advances in Experimental Medicine and Biology, 2021, 1311, 59-76.	0.8	14

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55	Metabolic and electrochemical mechanisms of dimeric naphthoquinones cytotoxicity in breast cancer cells. Bioorganic and Medicinal Chemistry, 2011, 19, 7057-7062.	1.4	12
56	Metabolic reservoir cycles in cancer. Seminars in Cancer Biology, 2022, 86, 180-188.	4.3	10
57	Non-Hodgkin Lymphoma Metabolism. Advances in Experimental Medicine and Biology, 2021, 1311, 103-116.	0.8	9
58	The Heterogeneity of Liver Cancer Metabolism. Advances in Experimental Medicine and Biology, 2021, 1311, 127-136.	0.8	9
59	Dual role of N-acetyl-aspartyl-glutamate metabolism in cancer monitor and therapy. Molecular and Cellular Oncology, 2019, 6, e1627273.	0.3	8
60	The Metabolism of Renal Cell Carcinomas and Liver Cancer. Advances in Experimental Medicine and Biology, 2018, 1063, 107-118.	0.8	7
61	Diverse mitochondrial abnormalities in a new cellular model of TAFFAZZIN deficiency are remediated by cardiolipin-interacting small molecules. Journal of Biological Chemistry, 2021, 297, 101005.	1.6	7
62	Allosteric kidney-type glutaminase (GLS) inhibitors with a mercaptoethyl linker. Bioorganic and Medicinal Chemistry, 2020, 28, 115698.	1.4	6
63	Valsartan <scp>nanoâ€filaments</scp> alter mitochondrial energetics and promote faster healing in diabetic rat wounds. Wound Repair and Regeneration, 2021, 29, 927-937.	1.5	6
64	The Intricate Metabolism of Pancreatic Cancers. Advances in Experimental Medicine and Biology, 2021, 1311, 77-88.	0.8	5
65	Metabolic Intersection of Cancer and Cardiovascular Diseases: Opportunities for Cancer Therapy. Advances in Experimental Medicine and Biology, 2021, 1311, 249-263.	0.8	4
66	Uncovering metabolic reservoir cycles in MYC-transformed lymphoma B cells using stable isotope resolved metabolomics. Analytical Biochemistry, 2021, 632, 114206.	1.1	4
67	Breast Cancer Metabolism. Advances in Experimental Medicine and Biology, 2018, 1063, 83-93.	0.8	3
68	Diseases & Disorders | Therapies Targeting Glutamine Addiction in Cancer. , 2021, , 452-461.		3
69	The Heterogeneity Metabolism of Renal Cell Carcinomas. Advances in Experimental Medicine and Biology, 2021, 1311, 117-126.	0.8	3
70	Bridging the Metabolic Parallels Between Neurological Diseases and Cancer. Advances in Experimental Medicine and Biology, 2021, 1311, 229-248.	0.8	3
71	Cancer Stem Cell Metabolism. Advances in Experimental Medicine and Biology, 2021, 1311, 161-172.	0.8	3
72	Metabolism of Immune Cells in the Tumor Microenvironment. Advances in Experimental Medicine and Biology, 2021, 1311, 173-185.	0.8	2

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73	Serum and urinary metabolites discriminate disease activity in ANCA associated glomerulonephritis in a pilot study. Journal of Nephrology, 2021, , 1.	0.9	2
74	Diabetes and Cancer: The Epidemiological and Metabolic Associations. Advances in Experimental Medicine and Biology, 2021, 1311, 217-227.	0.8	1