

Costas Andreas Lyssiotis

List of Publications by Year in descending order

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Version: 2024-02-01

160
papers

20,313
citations

22153

59
h-index

11607

135
g-index

207
all docs

207
docs citations

207
times ranked

29471
citing authors

#	ARTICLE	IF	CITATIONS
1	A redox cycle with complex II prioritizes sulfide quinone oxidoreductase-dependent H ₂ S oxidation. <i>Journal of Biological Chemistry</i> , 2022, 298, 101435.	3.4	28
2	Metabolic regulation of ferroptosis in the tumor microenvironment. <i>Journal of Biological Chemistry</i> , 2022, 298, 101617.	3.4	44
3	In an Era of ctDNA, Is Metabolomics the New Kid on the Block?. <i>Clinical Cancer Research</i> , 2022, 28, 1477-1478.	7.0	2
4	Ketotherapy: Cutting carbs to treat cancer. <i>Med</i> , 2022, 3, 87-89.	4.4	0
5	Multiomic characterization of pancreatic cancer-associated macrophage polarization reveals deregulated metabolic programs driven by the GM-CSF-PI3K pathway. <i>ELife</i> , 2022, 11, .	6.0	29
6	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
7	Extrinsic KRAS Signaling Shapes the Pancreatic Microenvironment Through Fibroblast Reprogramming. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 1673-1699.	4.5	36
8	Human Norovirus Triggers Primary B Cell Immune Activation <i>In Vitro</i> . <i>MBio</i> , 2022, 13, e0017522.	4.1	9
9	Loss of MAT2A compromises methionine metabolism and represents a vulnerability in H3K27M mutant glioma by modulating the epigenome. <i>Nature Cancer</i> , 2022, 3, 629-648.	13.2	16
10	Targeting allosteric regulation of cancer metabolism. <i>Nature Chemical Biology</i> , 2022, 18, 441-450.	8.0	14
11	Effects of iron modulation on mesenchymal stem cell-induced drug resistance in estrogen receptor-positive breast cancer. <i>Oncogene</i> , 2022, 41, 3705-3718.	5.9	19
12	Limited nutrient availability in the tumor microenvironment renders pancreatic tumors sensitive to allosteric IDH1 inhibitors. <i>Nature Cancer</i> , 2022, 3, 852-865.	13.2	37
13	ATDC binds to KEAP1 to drive NRF2-mediated tumorigenesis and chemoresistance in pancreatic cancer. <i>Genes and Development</i> , 2021, 35, 218-233.	5.9	23
14	DDRE-30. THERAPEUTIC TARGETING OF DISRUPTED METABOLIC STATE IN DIFFUSE INTRINSIC PONTINE GLIOMA. <i>Neuro-Oncology Advances</i> , 2021, 3, i13-i13.	0.7	0
15	Pancreatic cancer is marked by complement-high blood monocytes and tumor-associated macrophages. <i>Life Science Alliance</i> , 2021, 4, e202000935.	2.8	64
16	EWS-FLI1 and Menin Converge to Regulate ATF4 Activity in Ewing Sarcoma. <i>Molecular Cancer Research</i> , 2021, 19, 1182-1195.	3.4	6
17	DDRE-07. FATTY ACID SYNTHESIS IS REQUIRED FOR BREAST CANCER BRAIN METASTASIS. <i>Neuro-Oncology Advances</i> , 2021, 3, i7-i8.	0.7	0
18	Fatty acid synthesis is required for breast cancer brain metastasis. <i>Nature Cancer</i> , 2021, 2, 414-428.	13.2	147

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19	A guide to interrogating immunometabolism. <i>Nature Reviews Immunology</i> , 2021, 21, 637-652.	22.7	87
20	Medium-Chain Acyl-CoA Dehydrogenase Protects Mitochondria from Lipid Peroxidation in Glioblastoma. <i>Cancer Discovery</i> , 2021, 11, 2904-2923.	9.4	23
21	Apolipoprotein E Promotes Immune Suppression in Pancreatic Cancer through NF- κ B-Mediated Production of CXCL1. <i>Cancer Research</i> , 2021, 81, 4305-4318.	0.9	80
22	Asparagine couples mitochondrial respiration to ATF4 activity and tumor growth. <i>Cell Metabolism</i> , 2021, 33, 1013-1026.e6.	16.2	125
23	HIF-2 α activation potentiates oxidative cell death in colorectal cancers by increasing cellular iron. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	105
24	The deacylase SIRT5 supports melanoma viability by influencing chromatin dynamics. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	23
25	Hepcidin sequesters iron to sustain nucleotide metabolism and mitochondrial function in colorectal cancer epithelial cells. <i>Nature Metabolism</i> , 2021, 3, 969-982.	11.9	58
26	The biological underpinnings of therapeutic resistance in pancreatic cancer. <i>Genes and Development</i> , 2021, 35, 940-962.	5.9	51
27	Colorectal cancer cells utilize autophagy to maintain mitochondrial metabolism for cell proliferation under nutrient stress. <i>JCI Insight</i> , 2021, 6, .	5.0	17
28	Metabolic networks in mutant KRAS-driven tumours: tissue specificities and the microenvironment. <i>Nature Reviews Cancer</i> , 2021, 21, 510-525.	28.4	102
29	Abstract 90: Fatty acid synthesis is required for breast cancer brain metastasis. , 2021, , .		0
30	GOT1 inhibition promotes pancreatic cancer cell death by ferroptosis. <i>Nature Communications</i> , 2021, 12, 4860.	12.8	131
31	The human type 2 diabetes-specific visceral adipose tissue proteome and transcriptome in obesity. <i>Scientific Reports</i> , 2021, 11, 17394.	3.3	30
32	Clinical Targeting of Altered Metabolism in High-Grade Glioma. <i>Cancer Journal (Sudbury, Mass)</i> , 2021, 27, 386-394.	2.0	6
33	Cyst fluid metabolites distinguish malignant from benign pancreatic cysts. <i>Neoplasia</i> , 2021, 23, 1078-1088.	5.3	6
34	Inhibition of Hedgehog Signaling Alters Fibroblast Composition in Pancreatic Cancer. <i>Clinical Cancer Research</i> , 2021, 27, 2023-2037.	7.0	156
35	Mitochondrial complex II in intestinal epithelial cells regulates T cell-mediated immunopathology. <i>Nature Immunology</i> , 2021, 22, 1440-1451.	14.5	22
36	Hyaluronic acid fuels pancreatic cancer cell growth. <i>ELife</i> , 2021, 10, .	6.0	45

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37	Inhibiting the Hexosamine Biosynthetic Pathway Lowers O-GlcNAcylation Levels and Sensitizes Cancer to Environmental Stress. <i>Biochemistry</i> , 2020, 59, 3169-3179.	2.5	28
38	Metabolic Reprogramming and Vulnerabilities in Cancer. <i>Cancers</i> , 2020, 12, 90.	3.7	8
39	Regulatory T-cell Depletion Alters the Tumor Microenvironment and Accelerates Pancreatic Carcinogenesis. <i>Cancer Discovery</i> , 2020, 10, 422-439.	9.4	223
40	A Ribose-Scavenging System Confers Colonization Fitness on the Human Gut Symbiont <i>Bacteroides thetaiotaomicron</i> in a Diet-Specific Manner. <i>Cell Host and Microbe</i> , 2020, 27, 79-92.e9.	11.0	30
41	A covalent small molecule inhibitor of glutamate-oxaloacetate transaminase 1 impairs pancreatic cancer growth. <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 633-638.	2.1	34
42	The Future of Cancer Research. <i>Trends in Cancer</i> , 2020, 6, 724-729.	7.4	3
43	Purine metabolism regulates DNA repair and therapy resistance in glioblastoma. <i>Nature Communications</i> , 2020, 11, 3811.	12.8	103
44	Integrated Metabolic and Epigenomic Reprogramming by H3K27M Mutations in Diffuse Intrinsic Pontine Gliomas. <i>Cancer Cell</i> , 2020, 38, 334-349.e9.	16.8	87
45	Multimodal mapping of the tumor and peripheral blood immune landscape in human pancreatic cancer. <i>Nature Cancer</i> , 2020, 1, 1097-1112.	13.2	234
46	Cancer SLC43A2 alters T cell methionine metabolism and histone methylation. <i>Nature</i> , 2020, 585, 277-282.	27.8	280
47	High-content fluorescence imaging with the metabolic flux assay reveals insights into mitochondrial properties and functions. <i>Communications Biology</i> , 2020, 3, 271.	4.4	40
48	Common biochemical properties of metabolic genes recurrently dysregulated in tumors. <i>Cancer & Metabolism</i> , 2020, 8, 5.	5.0	9
49	Endoplasmic reticulum-associated degradation regulates mitochondrial dynamics in brown adipocytes. <i>Science</i> , 2020, 368, 54-60.	12.6	107
50	Cysteine depletion induces pancreatic tumor ferroptosis in mice. <i>Science</i> , 2020, 368, 85-89.	12.6	692
51	Histone Acetyltransferase MOF Blocks Acquisition of Quiescence in Ground-State ESCs through Activating Fatty Acid Oxidation. <i>Cell Stem Cell</i> , 2020, 27, 441-458.e10.	11.1	37
52	Small molecule activation of metabolic enzyme pyruvate kinase muscle isozyme 2, PKM2, circumvents photoreceptor apoptosis. <i>Scientific Reports</i> , 2020, 10, 2990.	3.3	20
53	Tissue of origin dictates GOT1 dependence and confers synthetic lethality to radiotherapy. <i>Cancer & Metabolism</i> , 2020, 8, 1.	5.0	34
54	Severe metabolic alterations in liver cancer lead to ERK pathway activation and drug resistance. <i>EBioMedicine</i> , 2020, 54, 102699.	6.1	36

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55	Metabolomic Characterization of Red Blood Cell Differentiation. <i>Blood</i> , 2020, 136, 35-35.	1.4	0
56	Metabolic Regulation of Redox Balance in Cancer. <i>Cancers</i> , 2019, 11, 955.	3.7	80
57	A large-scale analysis of targeted metabolomics data from heterogeneous biological samples provides insights into metabolite dynamics. <i>Metabolomics</i> , 2019, 15, 103.	3.0	55
58	Running the Light: Nucleotide Metabolism Drives Bypass of Senescence in Cancer. <i>Trends in Biochemical Sciences</i> , 2019, 44, 991-993.	7.5	3
59	De Novo Purine Synthesis Is a Targetable Vulnerability That Confers Radiation Resistance and Inferior Patient Survival in IDH-Wild Type Diffuse Glioma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 105, S76-S77.	0.8	0
60	Ex vivo and in vivo stable isotope labelling of central carbon metabolism and related pathways with analysis by LC-MS/MS. <i>Nature Protocols</i> , 2019, 14, 313-330.	12.0	106
61	3373 Modulation of Hedgehog Signaling Alters Immune Infiltration in Pancreatic Cancer. <i>Journal of Clinical and Translational Science</i> , 2019, 3, 16-16.	0.6	0
62	Hydrogen sulfide perturbs mitochondrial bioenergetics and triggers metabolic reprogramming in colon cells. <i>Journal of Biological Chemistry</i> , 2019, 294, 12077-12090.	3.4	87
63	Auditory metabolomics, an approach to identify acute molecular effects of noise trauma. <i>Scientific Reports</i> , 2019, 9, 9273.	3.3	24
64	Non-oncogene Addiction to SIRT3 Plays a Critical Role in Lymphomagenesis. <i>Cancer Cell</i> , 2019, 35, 916-931.e9.	16.8	70
65	Enhanced oxidative phosphorylation in NKT cells is essential for their survival and function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7439-7448.	7.1	68
66	Metabolism Drives Carcinogenesis and Maintenance of Pancreatic Tumors. <i>Cancer Discovery</i> , 2019, 9, 326-328.	9.4	2
67	Combination of ERK and autophagy inhibition as a treatment approach for pancreatic cancer. <i>Nature Medicine</i> , 2019, 25, 628-640.	30.7	476
68	Macrophage-Released Pyrimidines Inhibit Gemcitabine Therapy in Pancreatic Cancer. <i>Cell Metabolism</i> , 2019, 29, 1390-1399.e6.	16.2	280
69	IDH1-R132H acts as a tumor suppressor in glioma via epigenetic up-regulation of the DNA damage response. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	169
70	NAD ⁺ augmentation restores mitophagy and limits accelerated aging in Werner syndrome. <i>Nature Communications</i> , 2019, 10, 5284.	12.8	165
71	Metabolism and epigenetics of pancreatic cancer stem cells. <i>Seminars in Cancer Biology</i> , 2019, 57, 19-26.	9.6	45
72	Abstract A31: Investigating the effect of myeloid Arg1 deletion on tumor growth and CD8 ⁺ T-cell infiltration and activation in pancreatic cancer. , 2019, , .		2

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73	Mitochondrial Complex II in Intestinal Epithelial Cells Is a Critical Metabolic Checkpoint That Regulates Severity of Gastrointestinal Graft-Versus-Host Disease. <i>Blood</i> , 2019, 134, 584-584.	1.4	1
74	Abnormal oxidative metabolism in a quiet genomic background underlies clear cell papillary renal cell carcinoma. <i>ELife</i> , 2019, 8, .	6.0	31
75	Reprogramming of Colonic Cell Metabolism by H ₂ S. <i>FASEB Journal</i> , 2019, 33, 485.11.	0.5	0
76	Abstract 4356: Menin and ATF4 cooperate to drive serine biosynthesis in Ewing sarcoma. , 2019, , .		0
77	Abstract 4363: Effects of the small GTPase RhoC on inflammatory breast cancer metabolism. , 2019, , .		0
78	Abstract A52: Modulation of Hedgehog signaling alters immune infiltration in pancreatic cancer. , 2019, , .		0
79	Abstract A62: Regulatory T-cell depletion promotes oncogenic Kras-driven pancreatic carcinogenesis. , 2019, , .		0
80	Abstract I04: Regulatory T-cell depletion causes compensatory immune suppression and accelerates pancreatic carcinogenesis. , 2019, , .		0
81	Abstract PR13: Macrophage metabolism inhibits pancreatic cancer therapy. , 2019, , .		0
82	Abstract C36: A roadmap for targeting cysteine dependency in a subset of pancreatic cancer. , 2019, , .		0
83	Abstract 4549: Macrophage-epithelial metabolic crosstalk impairs chemotherapy in pancreatic cancer. , 2019, , .		0
84	Menin regulates the serine biosynthetic pathway in Ewing sarcoma. <i>Journal of Pathology</i> , 2018, 245, 324-336.	4.5	35
85	Fine-Tuning Mitochondrial Dysfunction and Reductive Carboxylation. <i>Trends in Endocrinology and Metabolism</i> , 2018, 29, 599-602.	7.1	4
86	Emerging Roles for SIRT5 in Metabolism and Cancer. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 677-690.	5.4	109
87	Oncogenic KRAS supports pancreatic cancer through regulation of nucleotide synthesis. <i>Nature Communications</i> , 2018, 9, 4945.	12.8	170
88	New tricks for an old drug. <i>Nature Chemical Biology</i> , 2018, 14, 990-991.	8.0	8
89	Biochemical Characterization and Structure-Based Mutational Analysis Provide Insight into the Binding and Mechanism of Action of Novel Aspartate Aminotransferase Inhibitors. <i>Biochemistry</i> , 2018, 57, 6604-6614.	2.5	27
90	Tumor cross-talk networks promote growth and support immune evasion in pancreatic cancer. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, G27-G35.	3.4	18

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91	Discovery and optimization of aspartate aminotransferase 1 inhibitors to target redox balance in pancreatic ductal adenocarcinoma. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2675-2678.	2.2	27
92	Mutant p53R270H drives altered metabolism and increased invasion in pancreatic ductal adenocarcinoma. <i>JCI Insight</i> , 2018, 3, .	5.0	24
93	A Topical Report on the Design Principles of Metabolism. , 2018, , 29-44.		0
94	Employing Metabolism to Improve the Diagnosis and Treatment of Pancreatic Cancer. <i>Cancer Cell</i> , 2017, 31, 5-19.	16.8	309
95	Inhibiting Oxidative Phosphorylation In Vivo Restrains Th17 Effector Responses and Ameliorates Murine Colitis. <i>Journal of Immunology</i> , 2017, 198, 2735-2746.	0.8	56
96	Glioblastoma Therapy Can Be Augmented by Targeting IDH1-Mediated NADPH Biosynthesis. <i>Cancer Research</i> , 2017, 77, 960-970.	0.9	78
97	Oxidative stress controls regulatory T cell apoptosis and suppressor activity and PD-L1-blockade resistance in tumor. <i>Nature Immunology</i> , 2017, 18, 1332-1341.	14.5	508
98	A vimentin binding small molecule leads to mitotic disruption in mesenchymal cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9903-E9912.	7.1	55
99	Proteomic and Metabolomic Characterization of a Mammalian Cellular Transition from Quiescence to Proliferation. <i>Cell Reports</i> , 2017, 20, 721-736.	6.4	41
100	Metabolic Interactions in the Tumor Microenvironment. <i>Trends in Cell Biology</i> , 2017, 27, 863-875.	7.9	618
101	When Cancer Cells Are Given Lemo[NH3]s, They Make Lemo[NH3]ade. <i>Cell Metabolism</i> , 2017, 26, 811-813.	16.2	1
102	MUC1 and HIF-1alpha Signaling Crosstalk Induces Anabolic Glucose Metabolism to Impart Gemcitabine Resistance to Pancreatic Cancer. <i>Cancer Cell</i> , 2017, 32, 71-87.e7.	16.8	373
103	SIRT3 Is a Novel Metabolic Driver of and Therapeutic Target for Chemotherapy Resistant DLBcls. <i>Blood</i> , 2017, 130, 643-643.	1.4	9
104	Abstract 437: Stromal support of pancreatic tumor metabolism. , 2017, , .		0
105	Abstract 5835: Oncogenic activation of the serine synthesis pathway by the scaffolding protein menin. , 2017, , .		0
106	A novel small-molecule inhibitor of 3-phosphoglycerate dehydrogenase. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1164280.	0.7	21
107	Glutathione biosynthesis is a metabolic vulnerability in PI(3)K/Akt-driven breast cancer. <i>Nature Cell Biology</i> , 2016, 18, 572-578.	10.3	197
108	Adipocytes promote pancreatic cancer cell proliferation via glutamine transfer. <i>Biochemistry and Biophysics Reports</i> , 2016, 7, 144-149.	1.3	47

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109	Mitochondrial Amino Acid Metabolism Provides Vulnerabilities in Mutant KRAS-Driven Cancers. <i>Gastroenterology</i> , 2016, 151, 798-801.	1.3	3
110	Pancreatic stellate cells support tumour metabolism through autophagic alanine secretion. <i>Nature</i> , 2016, 536, 479-483.	27.8	843
111	Metabolic Reprogramming by the PI3K-Akt-mTOR Pathway in Cancer. <i>Recent Results in Cancer Research</i> , 2016, 207, 39-72.	1.8	143
112	Phosphoinositide 3-kinase inhibitors induce DNA damage through nucleoside depletion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4338-47.	7.1	76
113	Phosphoinositide 3-Kinase Regulates Glycolysis through Mobilization of Aldolase from the Actin Cytoskeleton. <i>Cell</i> , 2016, 164, 433-446.	28.9	301
114	Identification of a small molecule inhibitor of 3-phosphoglycerate dehydrogenase to target serine biosynthesis in cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1778-1783.	7.1	239
115	Abstract A85: Metabolic wiring dictates GOT1 dependency in pancreatic cancer. , 2016, , .		0
116	Acetate Fuels the Cancer Engine. <i>Cell</i> , 2015, 160, 567.	28.9	1
117	Targeting glutamine metabolism sensitizes pancreatic cancer to PARP-driven metabolic catastrophe induced by γ -lapachone. <i>Cancer & Metabolism</i> , 2015, 3, 12.	5.0	104
118	Dysregulated metabolism contributes to oncogenesis. <i>Seminars in Cancer Biology</i> , 2015, 35, S129-S150.	9.6	225
119	Triomics Analysis of Imatinib-Treated Myeloma Cells Connects Kinase Inhibition to RNA Processing and Decreased Lipid Biosynthesis. <i>Analytical Chemistry</i> , 2015, 87, 10995-11006.	6.5	26
120	A Cross-Species Analysis in Pancreatic Neuroendocrine Tumors Reveals Molecular Subtypes with Distinctive Clinical, Metastatic, Developmental, and Metabolic Characteristics. <i>Cancer Discovery</i> , 2015, 5, 1296-1313.	9.4	145
121	Designing a broad-spectrum integrative approach for cancer prevention and treatment. <i>Seminars in Cancer Biology</i> , 2015, 35, S276-S304.	9.6	220
122	Abstract B45: Pancreatic cancers depend on a non-canonical glutamine metabolism pathway. , 2015, , .		0
123	Abstract B47: Modulating the NQO1-dependent ϵ -kiss of death™ mechanism of action of NQO1 bioactivatable drugs. , 2015, , .		0
124	Abstract A87: Pancreatic tumor stem cells resistant to inhibition of oncogenic signaling are dependent on mitochondrial function. , 2015, , .		0
125	Abstract PR13: Pancreatic tumor stem cells resistant to inhibition of oncogenic signaling are dependent on mitochondrial function. , 2015, , .		0
126	Abstract 2650: PI 3-Kinase inhibitors enhance the synthetic lethality of Parp inhibitors. , 2015, , .		0

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127	Anaplerotic Metabolism of Alloreactive T Cells Provides a Metabolic Approach To Treat Graft-Versus-Host Disease. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 351, 298-307.	2.5	62
128	Acetate Fuels the Cancer Engine. <i>Cell</i> , 2014, 159, 1492-1494.	28.9	78
129	Targeting Metabolic Scavenging in Pancreatic Cancer. <i>Clinical Cancer Research</i> , 2014, 20, 6-8.	7.0	9
130	Pancreatic cancers depend on a non-canonical glutamine metabolism pathway. <i>Cancer & Metabolism</i> , 2014, 2, .	5.0	2
131	Phosphoinositide 3-Kinase regulates glycolysis through mobilization of Aldolase A from the actin cytoskeleton. <i>Cancer & Metabolism</i> , 2014, 2, .	5.0	1
132	Oncogene ablation-resistant pancreatic cancer cells depend on mitochondrial function. <i>Nature</i> , 2014, 514, 628-632.	27.8	998
133	Abstract CT338: Combination of a PI3K- and a PARP-inhibitor to treat high-grade serous ovarian or triple-negative breast cancer. , 2014, , .		1
134	FoxO3 coordinates metabolic pathways to maintain redox balance in neural stem cells. <i>EMBO Journal</i> , 2013, 32, 2589-2602.	7.8	130
135	F stands for fructose and fat. <i>Nature</i> , 2013, 502, 181-182.	27.8	51
136	A regenerative approach to the treatment of multiple sclerosis. <i>Nature</i> , 2013, 502, 327-332.	27.8	436
137	Small Molecule-Based Approaches to Adult Stem Cell Therapies. <i>Annual Review of Pharmacology and Toxicology</i> , 2013, 53, 107-125.	9.4	27
138	Glutamine supports pancreatic cancer growth through a KRAS-regulated metabolic pathway. <i>Nature</i> , 2013, 496, 101-105.	27.8	1,562
139	A colorectal cancer classification system that associates cellular phenotype and responses to therapy. <i>Nature Medicine</i> , 2013, 19, 619-625.	30.7	831
140	Influence of Threonine Metabolism on <i>S</i> -Adenosylmethionine and Histone Methylation. <i>Science</i> , 2013, 339, 222-226.	12.6	555
141	Pancreatic cancers rely on a novel glutamine metabolism pathway to maintain redox balance. <i>Cell Cycle</i> , 2013, 12, 1987-1988.	2.6	70
142	Protein Tyrosine Phosphatase 1B Regulates Pyruvate Kinase M2 Tyrosine Phosphorylation. <i>Journal of Biological Chemistry</i> , 2013, 288, 17360-17371.	3.4	46
143	ERK1/2-dependent phosphorylation and nuclear translocation of PKM2 promotes the Warburg effect. <i>Nature Cell Biology</i> , 2012, 14, 1295-1304.	10.3	693
144	SIRT6 Puts Cancer Metabolism in the Driver's Seat. <i>Cell</i> , 2012, 151, 1155-1156.	28.9	28

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145	Combining a PI3K Inhibitor with a PARP Inhibitor Provides an Effective Therapy for BRCA1-Related Breast Cancer. <i>Cancer Discovery</i> , 2012, 2, 1048-1063.	9.4	384
146	Oncogenic Kras Maintains Pancreatic Tumors through Regulation of Anabolic Glucose Metabolism. <i>Cell</i> , 2012, 149, 656-670.	28.9	1,587
147	mTOR Drives Its Own Activation via SCF ^{β2TrCP} -Dependent Degradation of the mTOR Inhibitor DEPTOR. <i>Molecular Cell</i> , 2011, 44, 290-303.	9.7	212
148	Phosphoglycerate dehydrogenase diverts glycolytic flux and contributes to oncogenesis. <i>Nature Genetics</i> , 2011, 43, 869-874.	21.4	945
149	A Cross-Species Analysis of a Mouse Model of Breast Cancer-Specific Osteolysis and Human Bone Metastases Using Gene Expression Profiling. <i>BMC Cancer</i> , 2011, 11, 304.	2.6	13
150	Chemical Control of Stem Cell Fate and Developmental Potential. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 200-242.	13.8	124
151	Panâ€œrc Family Kinase Inhibitors Replace Sox2 during the Direct Reprogramming of Somatic Cells. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5734-5736.	13.8	48
152	A genomic screen identifies TYRO3 as a MITF regulator in melanoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 17025-17030.	7.1	90
153	Bz-423 superoxide signals B cell apoptosis via Mcl-1, Bak, and Bax. <i>Biochemical Pharmacology</i> , 2009, 78, 966-973.	4.4	13
154	Reprogramming of murine fibroblasts to induced pluripotent stem cells with chemical complementation of Klf4. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8912-8917.	7.1	363
155	A Small Molecule Primes Embryonic Stem Cells for Differentiation. <i>Cell Stem Cell</i> , 2009, 4, 416-426.	11.1	167
156	Bz-423 superoxide signals apoptosis via selective activation of JNK, Bak, and Bax. <i>Free Radical Biology and Medicine</i> , 2008, 45, 1232-1242.	2.9	26
157	Inhibition of histone deacetylase activity induces developmental plasticity in oligodendrocyte precursor cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14982-14987.	7.1	115
158	A Novel Benzodiazepine Increases the Sensitivity of B Cells to Receptor Stimulation with Synergistic Effects on Calcium Signaling and Apoptosis. <i>Journal of Biological Chemistry</i> , 2004, 279, 29615-29621.	3.4	14
159	Discovery and Characterization of a Novel Allosteric Small-Molecule Inhibitor of NADP ⁺ -Dependent Malic Enzyme 1. <i>Biochemistry</i> , 0, , .	2.5	2
160	Metabolic requirement for GOT2 in pancreatic cancer depends on environmental context. <i>ELife</i> , 0, 11, .	6.0	32