Costas Andreas Lyssiotis

List of Publications by Year
in descending order

160	20,313	25423 59	13274 135
papers	citations	h-index	g-index

207	207	207	32138
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A redox cycle with complex II prioritizes sulfide quinone oxidoreductase-dependent H2S oxidation. Journal of Biological Chemistry, 2022, 298, 101435.	1.6	28
2	Metabolic regulation of ferroptosis in the tumor microenvironment. Journal of Biological Chemistry, 2022, 298, 101617.	1.6	44
3	In an Era of ctDNA, Is Metabolomics the New Kid on the Block?. Clinical Cancer Research, 2022, 28, 1477-1478.	3.2	2
4	Ketotherapy: Cutting carbs to treat cancer. Med, 2022, 3, 87-89.	2.2	0
5	Multiomic characterization of pancreatic cancer-associated macrophage polarization reveals deregulated metabolic programs driven by the GM-CSFâ€“PI3K pathway. ELife, 2022, 11, .	2.8	29
6	Reuterin in the healthy gut microbiome suppresses colorectal cancer growth through altering redox balance. Cancer Cell, 2022, 40, 185-200.e6.	7.7	97
7	Extrinsic KRAS Signaling Shapes the Pancreatic Microenvironment Through Fibroblast Reprogramming. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 1673-1699.	2.3	36
8	Human Norovirus Triggers Primary B Cell Immune ActivationIn Vitro. MBio, 2022, 13, e0017522.	1.8	9
9	Loss of MAT2A compromises methionine metabolism and represents a vulnerability in H3K27M mutant glioma by modulating the epigenome. Nature Cancer, 2022, 3, 629-648.	5.7	16
10	Targeting allosteric regulation of cancer metabolism. Nature Chemical Biology, 2022, 18, 441-450.	3.9	14
11	Effects of iron modulation on mesenchymal stem cell-induced drug resistance in estrogen receptor-positive breast cancer. Oncogene, 2022, 41, 3705-3718.	2.6	19
12	Limited nutrient availability in the tumor microenvironment renders pancreatic tumors sensitive to allosteric IDH1 inhibitors. Nature Cancer, 2022, 3, 852-865.	5.7	37
13	ATDC binds to KEAP1 to drive NRF2-mediated tumorigenesis and chemoresistance in pancreatic cancer. Genes and Development, 2021, 35, 218-233.	2.7	23
14	DDRE-30. THERAPEUTIC TARGETING OF DISRUPTED METABOLIC STATE IN DIFFUSE INTRINSIC PONTINE GLIOMA. Neuro-Oncology Advances, 2021, 3, i13-i13.	0.4	0
15	Pancreatic cancer is marked by complement-high blood monocytes and tumor-associated macrophages. Life Science Alliance, 2021, 4, e202000935.	1.3	64
16	EWS-FLI1 and Menin Converge to Regulate ATF4 Activity in Ewing Sarcoma. Molecular Cancer Research, 2021, 19, 1182-1195.	1.5	6
17	DDRE-07. FATTY ACID SYNTHESIS IS REQUIRED FOR BREAST CANCER BRAIN METASTASIS. Neuro-Oncology Advances, 2021, 3, i7-i8.	0.4	0
18	Fatty acid synthesis is required for breast cancer brain metastasis. Nature Cancer, 2021, 2, 414-428.	5.7	147

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19	A guide to interrogating immunometabolism. Nature Reviews Immunology, 2021, 21, 637-652.	10.6	87
20	Medium-Chain Acyl-CoA Dehydrogenase Protects Mitochondria from Lipid Peroxidation in Glioblastoma. Cancer Discovery, 2021, 11, 2904-2923.	7.7	23
21	Apolipoprotein E Promotes Immune Suppression in Pancreatic Cancer through NF-ÎºBâ€“Mediated Production of CXCL1. Cancer Research, 2021, 81, 4305-4318.	0.4	80
22	Asparagine couples mitochondrial respiration to ATF4 activity and tumor growth. Cell Metabolism, 2021, 33, 1013-1026.e6.	7.2	125
23	HIF-2Î± activation potentiates oxidative cell death in colorectal cancers by increasing cellular iron. Journal of Clinical Investigation, 2021, 131, .	3.9	105
24	The deacylase SIRT5 supports melanoma viability by influencing chromatin dynamics. Journal of Clinical Investigation, 2021, 131, .	3.9	23
25	Hepcidin sequesters iron to sustain nucleotide metabolism and mitochondrial function in colorectal cancer epithelial cells. Nature Metabolism, 2021, 3, 969-982.	5.1	58
26	The biological underpinnings of therapeutic resistance in pancreatic cancer. Genes and Development, 2021, 35, 940-962.	2.7	51
27	Colorectal cancer cells utilize autophagy to maintain mitochondrial metabolism for cell proliferation under nutrient stress. JCI Insight, 2021, 6, .	2.3	17
28	Metabolic networks in mutant KRAS-driven tumours: tissue specificities and the microenvironment. Nature Reviews Cancer, 2021, 21, 510-525.	12.8	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. Nature Communications, 2021, 12, 4860.	5.8	131
31	The human type 2 diabetes-specific visceral adipose tissue proteome and transcriptome in obesity. Scientific Reports, 2021, 11, 17394.	1.6	30
32	Clinical Targeting of Altered Metabolism in High-Grade Glioma. Cancer Journal (Sudbury, Mass), 2021, 27, 386-394.	1.0	6
33	Cyst fluid metabolites distinguish malignant from benign pancreatic cysts. Neoplasia, 2021, 23, 1078-1088.	2.3	6
34	Inhibition of Hedgehog Signaling Alters Fibroblast Composition in Pancreatic Cancer. Clinical Cancer Research, 2021, 27, 2023-2037.	3.2	156
35	Mitochondrial complex II in intestinal epithelial cells regulates T cell-mediated immunopathology. Nature Immunology, 2021, 22, 1440-1451.	7.0	22
36	Hyaluronic acid fuels pancreatic cancer cell growth. ELife, 2021, 10, .	2.8	45

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37	Inhibiting the Hexosamine Biosynthetic Pathway Lowers O-GlcNAcylation Levels and Sensitizes Cancer to Environmental Stress. Biochemistry, 2020, 59, 3169-3179.	1.2	28
38	Metabolic Reprogramming and Vulnerabilities in Cancer. Cancers, 2020, 12, 90.	1.7	8
39	Regulatory T-cell Depletion Alters the Tumor Microenvironment and Accelerates Pancreatic Carcinogenesis. Cancer Discovery, 2020, 10, 422-439.	7.7	223
40	A Ribose-Scavenging System Confers Colonization Fitness on the Human Gut Symbiont Bacteroides thetaiotaomicron in a Diet-Specific Manner. Cell Host and Microbe, 2020, 27, 79-92.e9.	5.1	30
41	A covalent small molecule inhibitor of glutamate-oxaloacetate transaminase 1 impairs pancreatic cancer growth. Biochemical and Biophysical Research Communications, 2020, 522, 633-638.	1.0	34
42	The Future of Cancer Research. Trends in Cancer, 2020, 6, 724-729.	3.8	3
43	Purine metabolism regulates DNA repair and therapy resistance in glioblastoma. Nature Communications, 2020, 11, 3811.	5.8	103
44	Integrated Metabolic and Epigenomic Reprograming by H3K27M Mutations in Diffuse Intrinsic Pontine Gliomas. Cancer Cell, 2020, 38, 334-349.e9.	7.7	87
45	Multimodal mapping of the tumor and peripheral blood immune landscape in human pancreatic cancer. Nature Cancer, 2020, 1, 1097-1112.	5.7	234
46	Cancer SLC43A2 alters T cell methionine metabolism and histone methylation. Nature, 2020, 585, 277-282.	13.7	280
47	High-content fluorescence imaging with the metabolic flux assay reveals insights into mitochondrial properties and functions. Communications Biology, 2020, 3, 271.	2.0	40
48	Common biochemical properties of metabolic genes recurrently dysregulated in tumors. Cancer & Metabolism, 2020, 8, 5.	2.4	9
49	Endoplasmic reticulumâ€“associated degradation regulates mitochondrial dynamics in brown adipocytes. Science, 2020, 368, 54-60.	6.0	107
50	Cysteine depletion induces pancreatic tumor ferroptosis in mice. Science, 2020, 368, 85-89.	6.0	692
51	Histone Acetyltransferase MOF Blocks Acquisition of Quiescence in Ground-State ESCs through Activating Fatty Acid Oxidation. Cell Stem Cell, 2020, 27, 441-458.e10.	5.2	37
52	Small molecule activation of metabolic enzyme pyruvate kinase muscle isozyme 2, PKM2, circumvents photoreceptor apoptosis. Scientific Reports, 2020, 10, 2990.	1.6	20
53	Tissue of origin dictates GOT1 dependence and confers synthetic lethality to radiotherapy. Cancer & Metabolism, 2020, 8, 1.	2.4	34
54	Severe metabolic alterations in liver cancer lead to ERK pathway activation and drug resistance. EBioMedicine, 2020, 54, 102699.	2.7	36

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55	Metabolomic Characterization of Red Blood Cell Differentiation. Blood, 2020, 136, 35-35.	0.6	0
56	Metabolic Regulation of Redox Balance in Cancer. Cancers, 2019, 11, 955.	1.7	80
57	A large-scale analysis of targeted metabolomics data from heterogeneous biological samples provides insights into metabolite dynamics. Metabolomics, 2019, 15, 103.	1.4	55
58	Running the Light: Nucleotide Metabolism Drives Bypass of Senescence in Cancer. Trends in Biochemical Sciences, 2019, 44, 991-993.	3.7	3
59	De Novo Purine Synthesis Is a Targetable Vulnerability That Confers Radiation Resistance and Inferior Patient Survival in IDH-Wild Type Diffuse Glioma. International Journal of Radiation Oncology Biology Physics, 2019, 105, S76-S77.	0.4	0
60	Ex vivo and in vivo stable isotope labelling of central carbon metabolism and related pathways with analysis by LCâ€“MS/MS. Nature Protocols, 2019, 14, 313-330.	5.5	106
61	3373 Modulation of Hedgehog Signaling Alters Immune Infiltration in Pancreatic Cancer. Journal of Clinical and Translational Science, 2019, 3, 16-16.	0.3	0
62	Hydrogen sulfide perturbs mitochondrial bioenergetics and triggers metabolic reprogramming in colon cells. Journal of Biological Chemistry, 2019, 294, 12077-12090.	1.6	87
63	Auditory metabolomics, an approach to identify acute molecular effects of noise trauma. Scientific Reports, 2019, 9, 9273.	1.6	24
64	Non-oncogene Addiction to SIRT3 Plays a Critical Role in Lymphomagenesis. Cancer Cell, 2019, 35, 916-931.e9.	7.7	70
65	Enhanced oxidative phosphorylation in NKT cells is essential for their survival and function. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7439-7448.	3.3	68
66	Metabolism Drives Carcinogenesis and Maintenance of Pancreatic Tumors. Cancer Discovery, 2019, 9, 326-328.	7.7	2
67	Combination of ERK and autophagy inhibition as a treatment approach for pancreatic cancer. Nature Medicine, 2019, 25, 628-640.	15.2	476
68	Macrophage-Released Pyrimidines Inhibit Gemcitabine Therapy in Pancreatic Cancer. Cell Metabolism, 2019, 29, 1390-1399.e6.	7.2	280
69	IDH1-R132H acts as a tumor suppressor in glioma via epigenetic up-regulation of the DNA damage response. Science Translational Medicine, 2019, 11, .	5.8	169
70	NAD+ augmentation restores mitophagy and limits accelerated aging in Werner syndrome. Nature Communications, 2019, 10, 5284.	5.8	165
71	Metabolism and epigenetics of pancreatic cancer stem cells. Seminars in Cancer Biology, 2019, 57, 19-26.	4.3	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. Blood, 2019, 134, 584-584.	0.6	1
74	Abnormal oxidative metabolism in a quiet genomic background underlies clear cell papillary renal cell carcinoma. ELife, 2019, 8, .	2.8	31
75	Reprogramming of Colonic Cell Metabolism by H 2 S. FASEB Journal, 2019, 33, 485.11.	0.2	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. Journal of Pathology, 2018, 245, 324-336.	2.1	35
85	Fine-Tuning Mitochondrial Dysfunction and Reductive Carboxylation. Trends in Endocrinology and Metabolism, 2018, 29, 599-602.	3.1	4
86	Emerging Roles for SIRT5 in Metabolism and Cancer. Antioxidants and Redox Signaling, 2018, 28, 677-690.	2.5	109
87	Oncogenic KRAS supports pancreatic cancer through regulation of nucleotide synthesis. Nature Communications, 2018, 9, 4945.	5.8	170
88	New tricks for an old drug. Nature Chemical Biology, 2018, 14, 990-991.	3.9	8
89	Biochemical Characterization and Structure-Based Mutational Analysis Provide Insight into the Binding and Mechanism of Action of Novel Aspartate Aminotransferase Inhibitors. Biochemistry, 2018, 57, 6604-6614.	1.2	27
90	Tumor cross-talk networks promote growth and support immune evasion in pancreatic cancer. American Journal of Physiology - Renal Physiology, 2018, 315, G27-G35.	1.6	18

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91	Discovery and optimization of aspartate aminotransferase 1 inhibitors to target redox balance in pancreatic ductal adenocarcinoma. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2675-2678.	1.0	27
92	Mutant p53R270H drives altered metabolism and increased invasion in pancreatic ductal adenocarcinoma. JCI Insight, 2018, 3, .	2.3	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. Cancer Cell, 2017, 31, 5-19.	7.7	309
95	Inhibiting Oxidative Phosphorylation In Vivo Restrains Th17 Effector Responses and Ameliorates Murine Colitis. Journal of Immunology, 2017, 198, 2735-2746.	0.4	56
96	Glioblastoma Therapy Can Be Augmented by Targeting IDH1-Mediated NADPH Biosynthesis. Cancer Research, 2017, 77, 960-970.	0.4	78
97	Oxidative stress controls regulatory T cell apoptosis and suppressor activity and PD-L1-blockade resistance in tumor. Nature Immunology, 2017, 18, 1332-1341.	7.0	508
98	A vimentin binding small molecule leads to mitotic disruption in mesenchymal cancers. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9903-E9912.	3.3	55
99	Proteomic and Metabolomic Characterization of a Mammalian Cellular Transition from Quiescence to Proliferation. Cell Reports, 2017, 20, 721-736.	2.9	41
100	Metabolic Interactions in the Tumor Microenvironment. Trends in Cell Biology, 2017, 27, 863-875.	3.6	618
101	When Cancer Cells Are Given Lemo[NH3]s, They Make Lemo[NH3]ade. Cell Metabolism, 2017, 26, 811-813.	7.2	1
102	MUC1 and HIF-1alpha Signaling Crosstalk Induces Anabolic Glucose Metabolism to Impart Gemcitabine Resistance to Pancreatic Cancer. Cancer Cell, 2017, 32, 71-87.e7.	7.7	373
103	SIRT3 Is a Novel Metabolic Driver of and Therapeutic Target for Chemotherapy Resistant Dlbcls. Blood, 2017, 130, 643-643.	0.6	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. Molecular and Cellular Oncology, 2016, 3, e1164280.	0.3	21
107	Glutathione biosynthesis is a metabolic vulnerability in PI(3)K/Akt-driven breast cancer. Nature Cell Biology, 2016, 18, 572-578.	4.6	197
108	Adipocytes promote pancreatic cancer cell proliferation via glutamine transfer. Biochemistry and Biophysics Reports, 2016, 7, 144-149.	0.7	47

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109	Mitochondrial Amino Acid Metabolism Provides Vulnerabilities inÂMutant KRAS-Driven Cancers. Gastroenterology, 2016, 151, 798-801.	0.6	3
110	Pancreatic stellate cells support tumour metabolism through autophagic alanine secretion. Nature, 2016, 536, 479-483.	13.7	843
111	Metabolic Reprogramming by the PI3K-Akt-mTOR Pathway in Cancer. Recent Results in Cancer Research, 2016, 207, 39-72.	1.8	143
112	Phosphoinositide 3-kinase inhibitors induce DNA damage through nucleoside depletion. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4338-47.	3.3	76
113	Phosphoinositide 3-Kinase Regulates Glycolysis through Mobilization of Aldolase from the Actin Cytoskeleton. Cell, 2016, 164, 433-446.	13.5	301
114	Identification of a small molecule inhibitor of 3-phosphoglycerate dehydrogenase to target serine biosynthesis in cancers. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1778-1783.	3.3	239
115	Abstract A85: Metabolic wiring dictates GOT1 dependency in pancreatic cancer. , 2016, , .		0
116	Acetate Fuels the Cancer Engine. Cell, 2015, 160, 567.	13.5	1
117	Targeting glutamine metabolism sensitizes pancreatic cancer to PARP-driven metabolic catastrophe induced by ÃŸ-lapachone. Cancer & Metabolism, 2015, 3, 12.	2.4	104
118	Dysregulated metabolism contributes to oncogenesis. Seminars in Cancer Biology, 2015, 35, S129-S150.	4.3	225
119	Triomics Analysis of Imatinib-Treated Myeloma Cells Connects Kinase Inhibition to RNA Processing and Decreased Lipid Biosynthesis. Analytical Chemistry, 2015, 87, 10995-11006.	3.2	26
120	A Cross-Species Analysis in Pancreatic Neuroendocrine Tumors Reveals Molecular Subtypes with Distinctive Clinical, Metastatic, Developmental, and Metabolic Characteristics. Cancer Discovery, 2015, 5, 1296-1313.	7.7	145
121	Designing a broad-spectrum integrative approach for cancer prevention and treatment. Seminars in Cancer Biology, 2015, 35, S276-S304.	4.3	220
122	Abstract B45: Pancreatic cancers depend on a non-canonical glutamine metabolism pathway. , 2015, , .		0
123	Abstract B47: Modulating the NQO1-dependent â€˜kiss of deathâ€™ 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. Journal of Pharmacology and Experimental Therapeutics, 2014, 351, 298-307.	1.3	62
128	Acetate Fuels the Cancer Engine. Cell, 2014, 159, 1492-1494.	13.5	78
129	Targeting Metabolic Scavenging in Pancreatic Cancer. Clinical Cancer Research, 2014, 20, 6-8.	3.2	9
130	Pancreatic cancers depend on a non-canonical glutamine metabolism pathway. Cancer & Metabolism, 2014, 2, .	2.4	2
131	Phosphoinositide 3-Kinase regulates glycolysis through mobilization of Aldolase A from the actin cytoskeleton. Cancer & Metabolism, 2014, 2, .	2.4	1
132	Oncogene ablation-resistant pancreatic cancer cells depend on mitochondrial function. Nature, 2014, 514, 628-632.	13.7	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. EMBO Journal, 2013, 32, 2589-2602.	3.5	130
135	F stands for fructose and fat. Nature, 2013, 502, 181-182.	13.7	51
136	A regenerative approach to the treatment of multiple sclerosis. Nature, 2013, 502, 327-332.	13.7	436
137	Small Moleculeâ€“Based Approaches to Adult Stem Cell Therapies. Annual Review of Pharmacology and Toxicology, 2013, 53, 107-125.	4.2	27
138	Glutamine supports pancreatic cancer growth through a KRAS-regulated metabolic pathway. Nature, 2013, 496, 101-105.	13.7	1,562
139	A colorectal cancer classification system that associates cellular phenotype and responses to therapy. Nature Medicine, 2013, 19, 619-625.	15.2	831
140	Influence of Threonine Metabolism on S -Adenosylmethionine and Histone Methylation. Science, 2013, 339, 222-226.	6.0	555
141	Pancreatic cancers rely on a novel glutamine metabolism pathway to maintain redox balance. Cell Cycle, 2013, 12, 1987-1988.	1.3	70
142	Protein Tyrosine Phosphatase 1B Regulates Pyruvate Kinase M2 Tyrosine Phosphorylation. Journal of Biological Chemistry, 2013, 288, 17360-17371.	1.6	46
143	ERK1/2-dependent phosphorylation and nuclear translocation of PKM2 promotes the Warburg effect. Nature Cell Biology, 2012, 14, 1295-1304.	4.6	693
144	SIRT6 Puts Cancer Metabolism in the Driverâ€™s Seat. Cell, 2012, 151, 1155-1156.	13.5	28

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145	Combining a PI3K Inhibitor with a PARP Inhibitor Provides an Effective Therapy for BRCA1-Related Breast Cancer. Cancer Discovery, 2012, 2, 1048-1063.	7.7	384
146	Oncogenic Kras Maintains Pancreatic Tumors through Regulation of Anabolic Glucose Metabolism. Cell, 2012, 149, 656-670.	13.5	1,587
147	mTOR Drives Its Own Activation via SCFÎ²TrCP-Dependent Degradation of the mTOR Inhibitor DEPTOR. Molecular Cell, 2011, 44, 290-303.	4.5	212
148	Phosphoglycerate dehydrogenase diverts glycolytic flux and contributes to oncogenesis. Nature Genetics, 2011, 43, 869-874.	9.4	945
149	A Cross-Species Analysis of a Mouse Model of Breast Cancer-Specific Osteolysis and Human Bone Metastases Using Gene Expression Profiling. BMC Cancer, 2011, 11, 304.	1.1	13
150	Chemical Control of Stem Cell Fate and Developmental Potential. Angewandte Chemie - International Edition, 2011, 50, 200-242.	7.2	124
151	Panâ€Src Family Kinase Inhibitors Replace Sox2 during the Direct Reprogramming of Somatic Cells. Angewandte Chemie - International Edition, 2011, 50, 5734-5736.	7.2	48
152	A genomic screen identifies TYRO3 as a MITF regulator in melanoma. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17025-17030.	3.3	90
153	Bz-423 superoxide signals B cell apoptosis via Mcl-1, Bak, and Bax. Biochemical Pharmacology, 2009, 78, 966-973.	2.0	13
154	Reprogramming of murine fibroblasts to induced pluripotent stem cells with chemical complementation of Klf4. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8912-8917.	3.3	363
155	A Small Molecule Primes Embryonic Stem Cells for Differentiation. Cell Stem Cell, 2009, 4, 416-426.	5.2	167
156	Bz-423 superoxide signals apoptosis via selective activation of JNK, Bak, and Baxâ€†. Free Radical Biology and Medicine, 2008, 45, 1232-1242.	1.3	26
157	Inhibition of histone deacetylase activity induces developmental plasticity in oligodendrocyte precursor cells. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 14982-14987.	3.3	115
158	A Novel Benzodiazepine Increases the Sensitivity of B Cells to Receptor Stimulation with Synergistic Effects on Calcium Signaling and Apoptosis. Journal of Biological Chemistry, 2004, 279, 29615-29621.	1.6	14
159	Discovery and Characterization of a Novel Allosteric Small-Molecule Inhibitor of NADP⁺-Dependent Malic Enzyme 1. Biochemistry, 0, , .	1.2	2
160	Metabolic requirement for GOT2 in pancreatic cancer depends on environmental context. ELife, 0, 11, .	2.8	32