

Robert A Casero

List of Publications by Year in descending order

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189
papers

17,315
citations

18482

62
h-index

14759

127
g-index

192
all docs

192
docs citations

192
times ranked

17769
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyaluronate-coated perfluoroalkyl polyamine prodrugs as bioactive siRNA delivery systems for the treatment of peritoneal cancers. , 2022, , 212755.		3
2	Self-Assembled Alkylated Polyamine Analogs as Supramolecular Anticancer Agents. <i>Molecules</i> , 2022, 27, 2441.	3.8	2
3	Polyamines in cancer: integrating organismal metabolism and antitumour immunity. <i>Nature Reviews Cancer</i> , 2022, 22, 467-480.	28.4	89
4	Polyamine Depletion Strategies in Cancer: Remodeling the Tumor Immune Microenvironment to Enhance Anti-Tumor Responses. <i>Medical Sciences (Basel, Switzerland)</i> , 2022, 10, 31.	2.9	6
5	Expanded Potential of the Polyamine Analogue SBP-101 (Diethyl Dihydroxyhomospermine) as a Modulator of Polyamine Metabolism and Cancer Therapeutic. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6798.	4.1	6
6	Interrogation of T Cellâ€enriched Tumors Reveals Prognostic and Immunotherapeutic Implications of Polyamine Metabolism. <i>Cancer Research Communications</i> , 2022, 2, 639-652.	1.7	2
7	Phenylbutyrate modulates polyamine acetylase and ameliorates Snyder-Robinson syndrome in a <i>Drosophila</i> model and patient cells. <i>JCI Insight</i> , 2022, 7, .	5.0	7
8	A Phase Ib multicenter, dose-escalation study of the polyamine analogue PG-11047 in combination with gemcitabine, docetaxel, bevacizumab, erlotinib, cisplatin, 5-fluorouracil, or sunitinib in patients with advanced solid tumors or lymphoma. <i>Cancer Chemotherapy and Pharmacology</i> , 2021, 87, 135-144.	2.3	9
9	Spermidine is not an independent factor regulating limb muscle mass in mice following androgen deprivation. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 452-460.	1.9	2
10	Hyperglycemic conditions proliferate triple negative breast cancer cells: role of ornithine decarboxylase. <i>Breast Cancer Research and Treatment</i> , 2021, 190, 255-264.	2.5	6
11	Characterizing the homeostatic regulation of the polyamine pathway using the <i>Drosophila melanogaster</i> model system. <i>Gene Reports</i> , 2021, 24, 101269.	0.8	1
12	A new class of cytotoxic agents targets tubulin and disrupts microtubule dynamics. <i>Bioorganic Chemistry</i> , 2021, 116, 105297.	4.1	6
13	Pharmacological polyamine catabolism upregulation with methionine salvage pathway inhibition as an effective prostate cancer therapy. <i>Nature Communications</i> , 2020, 11, 52.	12.8	37
14	Autophagy induction by exogenous polyamines is an artifact of bovine serum amine oxidase activity in culture serum. <i>Journal of Biological Chemistry</i> , 2020, 295, 9061-9068.	3.4	24
15	Ablation of polyamine catabolic enzymes provokes Purkinje cell damage, neuroinflammation, and severe ataxia. <i>Journal of Neuroinflammation</i> , 2020, 17, 301.	7.2	6
16	Spermine oxidase mediates <i>Helicobacter pylori</i> -induced gastric inflammation, DNA damage, and carcinogenic signaling. <i>Oncogene</i> , 2020, 39, 4465-4474.	5.9	46
17	Epigenetic Reexpression of Hemoglobin F Using Reversible LSD1 Inhibitors: Potential Therapies for Sickle Cell Disease. <i>ACS Omega</i> , 2020, 5, 14750-14758.	3.5	13
18	Inhibition of the polyamine synthesis enzyme ornithine decarboxylase sensitizes triple-negative breast cancer cells to cytotoxic chemotherapy. <i>Journal of Biological Chemistry</i> , 2020, 295, 6263-6277.	3.4	38

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19	Ornithine decarboxylase, the rate-limiting enzyme of polyamine synthesis, modifies brain pathology in a mouse model of tuberous sclerosis complex. <i>Human Molecular Genetics</i> , 2020, 29, 2395-2407.	2.9	4
20	A phase I dose-escalation study of the polyamine analog PG-11047 in patients with advanced solid tumors. <i>Cancer Chemotherapy and Pharmacology</i> , 2020, 85, 1089-1096.	2.3	7
21	(R,R)-1,12-Dimethylspermine can mitigate abnormal spermidine accumulation in Snyder-Robinson syndrome. <i>Journal of Biological Chemistry</i> , 2020, 295, 3247-3256.	3.4	9
22	Polyamine Regulation in Diabetic Breast Cancer Cells. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
23	SPERMIDINE DOES NOT INFLUENCE LIMB MUSCLE MASS FOLLOWING ANDROGEN DEPLETION. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
24	Elevation of cellular Mg ²⁺ levels by the Mg ²⁺ transporter, Alr1, supports growth of polyamine-deficient <i>Saccharomyces cerevisiae</i> cells. <i>Journal of Biological Chemistry</i> , 2019, 294, 17131-17142.	3.4	3
25	DFMO and 5-Azacytidine Increase M1 Macrophages in the Tumor Microenvironment of Murine Ovarian Cancer. <i>Cancer Research</i> , 2019, 79, 3445-3454.	0.9	59
26	Dual inhibitors of LSD1 and spermine oxidase. <i>MedChemComm</i> , 2019, 10, 778-790.	3.4	26
27	Expression of Genes that Comprise the Core Molecular Clock are Altered in the Atrophied Skeletal Muscle by Androgen Deprivation. <i>FASEB Journal</i> , 2019, 33, 579.1.	0.5	0
28	N1-Nonyl-1,4-diaminobutane ameliorates brain infarction size in photochemically induced thrombosis model mice. <i>Neuroscience Letters</i> , 2018, 672, 118-122.	2.1	10
29	Metabolomic studies identify changes in transmethylation and polyamine metabolism in a brain-specific mouse model of tuberous sclerosis complex. <i>Human Molecular Genetics</i> , 2018, 27, 2113-2124.	2.9	13
30	Polyamine Homeostasis in Snyder-Robinson Syndrome. <i>Medical Sciences (Basel, Switzerland)</i> , 2018, 6, 112.	2.9	22
31	Polyamine catabolism and oxidative damage. <i>Journal of Biological Chemistry</i> , 2018, 293, 18736-18745.	3.4	151
32	Polyamine metabolism and cancer: treatments, challenges and opportunities. <i>Nature Reviews Cancer</i> , 2018, 18, 681-695.	28.4	468
33	Coupling of the polyamine and iron metabolism pathways in the regulation of proliferation: Mechanistic links to alterations in key polyamine biosynthetic and catabolic enzymes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 2793-2813.	3.8	41
34	Efficacy and Safety of Curcumin in Treatment of Intestinal Adenomas in Patients With Familial Adenomatous Polyposis. <i>Gastroenterology</i> , 2018, 155, 668-673.	1.3	87
35	Polymeric Prodrugs Targeting Polyamine Metabolism Inhibit Zika Virus Replication. <i>Molecular Pharmaceutics</i> , 2018, 15, 4284-4295.	4.6	9
36	Distinct Immunomodulatory Effects of Spermine Oxidase in Colitis Induced by Epithelial Injury or Infection. <i>Frontiers in Immunology</i> , 2018, 9, 1242.	4.8	35

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37	Curcumin mediates polyamine metabolism and sensitizes gastrointestinal cancer cells to antitumor polyamine-targeted therapies. PLoS ONE, 2018, 13, e0202677.	2.5	25
38	Placental polyamine metabolism differs by fetal sex, fetal growth restriction, and preeclampsia. JCI Insight, 2018, 3, .	5.0	54
39	Targeting the aryl hydrocarbon receptor/polyamine biosynthesis axis of evil for cancer therapy. Journal of Clinical Investigation, 2018, 128, 4254-4256.	8.2	2
40	Targeting hexokinase 2 inhibition promotes radiosensitization in HPV16 E7-induced cervical cancer and suppresses tumor growth. International Journal of Oncology, 2017, 50, 2011-2023.	3.3	53
41	Self-immolative nanoparticles for simultaneous delivery of microRNA and targeting of polyamine metabolism in combination cancer therapy. Journal of Controlled Release, 2017, 246, 110-119.	9.9	75
42	Elucidating the Structure of <i>N</i> ¹ -Acetylispoptreanine: A Novel Polyamine Catabolite in Human Urine. ACS Omega, 2017, 2, 3921-3930.	3.5	11
43	Regulation of Polyamine Metabolism by Curcumin for Cancer Prevention and Therapy. Medical Sciences (Basel, Switzerland), 2017, 5, 38.	2.9	10
44	Activation of endoplasmic reticulum stress response by enhanced polyamine catabolism is important in the mediation of cisplatin-induced acute kidney injury. PLoS ONE, 2017, 12, e0184570.	2.5	32
45	Biochemical evaluation of the anticancer potential of the polyamine-based nanocarrier Nano11047. PLoS ONE, 2017, 12, e0175917.	2.5	15
46	Arginase 2 deletion leads to enhanced M1 macrophage activation and upregulated polyamine metabolism in response to Helicobacter pylori infection. Amino Acids, 2016, 48, 2375-2388.	2.7	80
47	Targeting polyamine metabolism for cancer therapy and prevention. Biochemical Journal, 2016, 473, 2937-2953.	3.7	134
48	Decrease in acrolein toxicity based on the decline of polyamine oxidases. International Journal of Biochemistry and Cell Biology, 2016, 79, 151-157.	2.8	12
49	Largazole Analogues Embodying Radical Changes in the Depsipeptide Ring: Development of a More Selective and Highly Potent Analogue. Journal of Medicinal Chemistry, 2016, 59, 10642-10660.	6.4	29
50	MOF Acetylates the Histone Demethylase LSD1 to Suppress Epithelial-to-Mesenchymal Transition. Cell Reports, 2016, 15, 2665-2678.	6.4	68
51	Reduction of Murine Colon Tumorigenesis Driven by Enterotoxigenic <i>Bacteroides fragilis</i> Using Cefoxitin Treatment. Journal of Infectious Diseases, 2016, 214, 122-129.	4.0	67
52	Mammalian Polyamine Catabolism. , 2015, , 61-75.		1
53	Structure-activity study for (bis)ureidopropyl- and (bis)thioureidopropylamine LSD1 inhibitors with 3-5-3 and 3-6-3 carbon backbone architectures. Bioorganic and Medicinal Chemistry, 2015, 23, 1601-1612.	3.0	40
54	Metabolism Links Bacterial Biofilms and Colon Carcinogenesis. Cell Metabolism, 2015, 21, 891-897.	16.2	288

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55	Increased <i>Helicobacter pylori</i> -associated gastric cancer risk in the Andean region of Colombia is mediated by spermine oxidase. <i>Oncogene</i> , 2015, 34, 3429-3440.	5.9	87
56	Proximal Tubule Epithelial Cell Specific Ablation of the Spermidine/Spermine N1-Acetyltransferase Gene Reduces the Severity of Renal Ischemia/Reperfusion Injury. <i>PLoS ONE</i> , 2014, 9, e110161.	2.5	19
57	Spermine oxidase is a regulator of macrophage host response to <i>Helicobacter pylori</i> : enhancement of antimicrobial nitric oxide generation by depletion of spermine. <i>Amino Acids</i> , 2014, 46, 531-542.	2.7	25
58	Polyamine catabolism in carcinogenesis: potential targets for chemotherapy and chemoprevention. <i>Amino Acids</i> , 2014, 46, 511-519.	2.7	69
59	Synthesis and biological evaluation of largazole analogues with modified surface recognition cap groups. <i>European Journal of Medicinal Chemistry</i> , 2014, 86, 528-541.	5.5	16
60	A Selective Phenelzine Analogue Inhibitor of Histone Demethylase LSD1. <i>ACS Chemical Biology</i> , 2014, 9, 1284-1293.	3.4	88
61	Activation of EGFR and ERBB2 by <i>Helicobacter pylori</i> Results in Survival of Gastric Epithelial Cells With DNA Damage. <i>Gastroenterology</i> , 2014, 146, 1739-1751.e14.	1.3	77
62	The re-expression of the epigenetically silenced e-cadherin gene by a polyamine analogue lysine-specific demethylase-1 (LSD1) inhibitor in human acute myeloid leukemia cell lines. <i>Amino Acids</i> , 2014, 46, 585-594.	2.7	43
63	Histone Deacetylase Inhibition Overcomes Drug Resistance through a miRNA-Dependent Mechanism. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 2088-2099.	4.1	21
64	Polyamines and cancer: implications for chemotherapy and chemoprevention. <i>Expert Reviews in Molecular Medicine</i> , 2013, 15, e3.	3.9	249
65	Loss of LSD1 (lysine-specific demethylase 1) suppresses growth and alters gene expression of human colon cancer cells in a p53- and DNMT1(DNA methyltransferase 1)-independent manner. <i>Biochemical Journal</i> , 2013, 449, 459-468.	3.7	75
66	Say What? The Activity of the Polyamine Biosynthesis Inhibitor Difluoromethylornithine in Chemoprevention Is a Result of Reduced Thymidine Pools?. <i>Cancer Discovery</i> , 2013, 3, 975-977.	9.4	4
67	Pentamines as Substrate for Human Spermine Oxidase. <i>Biological and Pharmaceutical Bulletin</i> , 2013, 36, 407-411.	1.4	9
68	Hepatocyte-specific ablation of spermine/spermidine-N ¹ -acetyltransferase gene reduces the severity of CCl ₄ -induced acute liver injury. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, G546-G560.	3.4	29
69	Polyamine-Regulated Translation of Spermidine/Spermine-N ¹ -Acetyltransferase. <i>Molecular and Cellular Biology</i> , 2012, 32, 1453-1467.	2.3	37
70	Oligoamine analogues in combination with 2-difluoromethylornithine synergistically induce re-expression of aberrantly silenced tumour-suppressor genes. <i>Biochemical Journal</i> , 2012, 442, 693-701.	3.7	28
71	Polyamine-based small molecule epigenetic modulators. <i>MedChemComm</i> , 2012, 3, 14-21.	3.4	32
72	Role of ornithine decarboxylase in regulation of estrogen receptor alpha expression and growth in human breast cancer cells. <i>Breast Cancer Research and Treatment</i> , 2012, 136, 57-66.	2.5	40

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73	Low Molecular Weight Amidoximes that Act as Potent Inhibitors of Lysine-Specific Demethylase 1. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 7378-7391.	6.4	68
74	L-arginine Supplementation Improves Responses to Injury and Inflammation in Dextran Sulfate Sodium Colitis. <i>PLoS ONE</i> , 2012, 7, e33546.	2.5	129
75	Inhibition of the LSD1 (KDM1A) demethylase reactivates the all-trans-retinoic acid differentiation pathway in acute myeloid leukemia. <i>Nature Medicine</i> , 2012, 18, 605-611.	30.7	584
76	Polyamine analogs modulate gene expression by inhibiting lysine-specific demethylase 1 (LSD1) and altering chromatin structure in human breast cancer cells. <i>Amino Acids</i> , 2012, 42, 887-898.	2.7	78
77	Knockdown of ornithine decarboxylase antizyme 1 causes loss of uptake regulation leading to increased N 1, N 11-bis(ethyl)norspermine (BENSpm) accumulation and toxicity in NCI H157 lung cancer cells. <i>Amino Acids</i> , 2012, 42, 529-538.	2.7	5
78	Spermine Oxidase Mediates the Gastric Cancer Risk Associated With <i>Helicobacter pylori</i> CagA. <i>Gastroenterology</i> , 2011, 141, 1696-1708.e2.	1.3	166
79	Largazole and Analogues with Modified Metal-Binding Motifs Targeting Histone Deacetylases: Synthesis and Biological Evaluation. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 7453-7463.	6.4	41
80	Current Status of the Polyamine Research Field. <i>Methods in Molecular Biology</i> , 2011, 720, 3-35.	0.9	179
81	Difluoromethylornithine Is a Novel Inhibitor of <i>Helicobacter pylori</i> Growth, CagA Translocation, and Interleukin-8 Induction. <i>PLoS ONE</i> , 2011, 6, e17510.	2.5	33
82	Oxidative Damage Targets Complexes Containing DNA Methyltransferases, SIRT1, and Polycomb Members to Promoter CpG Islands. <i>Cancer Cell</i> , 2011, 20, 606-619.	16.8	452
83	Combination Therapy with Vidaza and Entinostat Suppresses Tumor Growth and Reprograms the Epigenome in an Orthotopic Lung Cancer Model. <i>Cancer Research</i> , 2011, 71, 454-462.	0.9	70
84	Polyamine catabolism contributes to enterotoxigenic <i>Bacteroides fragilis</i> -induced colon tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15354-15359.	7.1	482
85	A Simple Assay for Mammalian Spermine Oxidase: A Polyamine Catabolic Enzyme Implicated in Drug Response and Disease. <i>Methods in Molecular Biology</i> , 2011, 720, 173-181.	0.9	15
86	The role of the polyamine catabolic enzymes SSAT and SMO in the synergistic effects of standard chemotherapeutic agents with a polyamine analogue in human breast cancer cell lines. <i>Cancer Chemotherapy and Pharmacology</i> , 2010, 65, 1067-1081.	2.3	34
87	Metabolism of N-alkylated spermine analogues by polyamine and spermine oxidases. <i>Amino Acids</i> , 2010, 38, 369-381.	2.7	20
88	Spermine oxidase (SMO) activity in breast tumor tissues and biochemical analysis of the anticancer spermine analogues BENSpm and CPENSpm. <i>BMC Cancer</i> , 2010, 10, 555.	2.6	39
89	Increased expression and cellular localization of spermine oxidase in ulcerative colitis and relationship to disease activity. <i>Inflammatory Bowel Diseases</i> , 2010, 16, 1557-1566.	1.9	40
90	Suppression of Exogenous Gene Expression by Spermidine/Spermine N1-Acetyltransferase 1 (SSAT1) Cotransfection. <i>Journal of Biological Chemistry</i> , 2010, 285, 15548-15556.	3.4	8

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91	Polyamine Catabolism Is Enhanced after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2010, 27, 515-525.	3.4	66
92	Id1 overexpression is independent of repression and epigenetic silencing of tumor suppressor genes in melanoma. <i>Epigenetics</i> , 2010, 5, 410-421.	2.7	9
93	Polyamines Impair Immunity to <i>Helicobacter pylori</i> by Inhibiting L-Arginine Uptake Required for Nitric Oxide Production. <i>Gastroenterology</i> , 2010, 139, 1686-1698.e6.	1.3	78
94	(Bis)urea and (Bis)thiourea Inhibitors of Lysine-Specific Demethylase 1 as Epigenetic Modulators. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 5197-5212.	6.4	126
95	Novel Oligoamine Analogues Inhibit Lysine-Specific Demethylase 1 and Induce Reexpression of Epigenetically Silenced Genes. <i>Clinical Cancer Research</i> , 2009, 15, 7217-7228.	7.0	196
96	Polyamine analogues targeting epigenetic gene regulation. <i>Essays in Biochemistry</i> , 2009, 46, 95-110.	4.7	47
97	Recent Advances in the Development of Polyamine Analogues as Antitumor Agents. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 4551-4573.	6.4	153
98	Polyamine catabolism and disease. <i>Biochemical Journal</i> , 2009, 421, 323-338.	3.7	316
99	Design of polyamine-based therapeutic agents: new targets and new directions. <i>Essays in Biochemistry</i> , 2009, 46, 77-94.	4.7	18
100	Modulation of Histone H3K4 and H3K27 Methylation Levels Via Pharmacological Inhibition of LSD1 and Degradation of the EZH2-Containing Polycomb Repressive Complex 2 Stimulates ATRA-Mediated Differentiation of AML Cells.. <i>Blood</i> , 2009, 114, 1046-1046.	1.4	15
101	In vitro and in vivo effects of the conformationally restricted polyamine analogue CGC-11047 on small cell and non-small cell lung cancer cells. <i>Cancer Chemotherapy and Pharmacology</i> , 2008, 63, 45-53.	2.3	38
102	Increased spermine oxidase expression in human prostate cancer and prostatic intraepithelial neoplasia tissues. <i>Prostate</i> , 2008, 68, 766-772.	2.3	78
103	Nuclear localization of human spermine oxidase isoforms “ possible implications in drug response and disease etiology. <i>FEBS Journal</i> , 2008, 275, 2795-2806.	4.7	56
104	Polyaminohydroxamic Acids and Polyaminobenzamides as Isoform Selective Histone Deacetylase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 2447-2456.	6.4	32
105	The Novel Polyamine Analogue CGC-11093 Enhances the Antimyeloma Activity of Bortezomib. <i>Cancer Research</i> , 2008, 68, 4783-4790.	0.9	26
106	Inhibition of lysine-specific demethylase 1 by polyamine analogues results in reexpression of aberrantly silenced genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 8023-8028.	7.1	279
107	The role of spermidine/spermine N1-acetyltransferase in determining response to chemotherapeutic agents in colorectal cancer cells. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 128-137.	4.1	45
108	Polyamine-based analogues as biochemical probes and potential therapeutics. <i>Biochemical Society Transactions</i> , 2007, 35, 356-363.	3.4	24

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109	Targeting polyamine metabolism and function in cancer and other hyperproliferative diseases. <i>Nature Reviews Drug Discovery</i> , 2007, 6, 373-390.	46.4	635
110	Spermine and spermidine mediate protection against oxidative damage caused by hydrogen peroxide. <i>Amino Acids</i> , 2007, 33, 231-240.	2.7	250
111	Mammalian Polyamine Catabolism: A Therapeutic Target, a Pathological Problem, or Both?. <i>Journal of Biochemistry</i> , 2006, 139, 17-25.	1.7	85
112	Polyamine-modulated c-Myc expression in normal intestinal epithelial cells regulates p21Cip1 transcription through a proximal promoter region. <i>Biochemical Journal</i> , 2006, 398, 257-267.	3.7	46
113	Implication of SSAT by Gene Expression and Genetic Variation in Suicide and Major Depression. <i>Archives of General Psychiatry</i> , 2006, 63, 35.	12.3	162
114	Polyamine Analogues Down-regulate Estrogen Receptor β Expression in Human Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 19055-19063.	3.4	37
115	Tumor Necrosis Factor- α Increases Reactive Oxygen Species by Inducing Spermine Oxidase in Human Lung Epithelial Cells: A Potential Mechanism for Inflammation-Induced Carcinogenesis. <i>Cancer Research</i> , 2006, 66, 11125-11130.	0.9	154
116	Induction of spermidine/spermine N1-acetyltransferase (SSAT) by aspirin in Caco-2 colon cancer cells. <i>Biochemical Journal</i> , 2006, 394, 317-324.	3.7	93
117	Tumor Necrosis Factor α Induces Spermidine/Spermine N1-Acetyltransferase through Nuclear Factor κ B in Non-small Cell Lung Cancer Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 24182-24192.	3.4	54
118	Recent Advances in the Understanding of Mammalian Polyamine Catabolism. , 2006, , 205-232.		0
119	Molecular mechanisms of polyamine analogs in cancer cells. <i>Anti-Cancer Drugs</i> , 2005, 16, 229-241.	1.4	73
120	Induction of human spermine oxidase SMO(PAOh1) is regulated at the levels of new mRNA synthesis, mRNA stabilization and newly synthesized protein. <i>Biochemical Journal</i> , 2005, 386, 543-547.	3.7	32
121	Properties of recombinant human N1-acetyl polyamine oxidase (hPAO): potential role in determining drug sensitivity. <i>Cancer Chemotherapy and Pharmacology</i> , 2005, 56, 83-90.	2.3	44
122	Distinct and sequential upregulation of genes regulating cell growth and cell cycle progression during hepatic ischemia-reperfusion injury. <i>American Journal of Physiology - Cell Physiology</i> , 2005, 289, C826-C835.	4.6	50
123	Spermine Causes Loss of Innate Immune Response to <i>Helicobacter pylori</i> by Inhibition of Inducible Nitric-oxide Synthase Translation. <i>Journal of Biological Chemistry</i> , 2005, 280, 2409-2412.	3.4	114
124	<i>Helicobacter pylori</i> -induced Macrophage Apoptosis Requires Activation of Ornithine Decarboxylase by c-Myc. <i>Journal of Biological Chemistry</i> , 2005, 280, 22492-22496.	3.4	63
125	Spermine Oxidase SMO(PAOh1), Not N1-Acetyl polyamine Oxidase PAO, Is the Primary Source of Cytotoxic H ₂ O ₂ in Polyamine Analogue-treated Human Breast Cancer Cell Lines. <i>Journal of Biological Chemistry</i> , 2005, 280, 39843-39851.	3.4	99
126	Role of p53/p21Waf1/Cip1 in the regulation of polyamine analogue-induced growth inhibition and cell death in human breast cancer cells. <i>Cancer Biology and Therapy</i> , 2005, 4, 1006-1013.	3.4	17

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127	Alkyl-Substituted Polyaminohydroxamic Acids: A Novel Class of Targeted Histone Deacetylase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 6350-6365.	6.4	36
128	Significance of targeting polyamine metabolism as an antineoplastic strategy: unique targets for polyamine analogues. <i>Proceedings of the Western Pharmacology Society</i> , 2005, 48, 24-30.	0.1	15
129	Spermine Oxidation Induced by <i>Helicobacter pylori</i> Results in Apoptosis and DNA Damage. <i>Cancer Research</i> , 2004, 64, 8521-8525.	0.9	153
130	Protective Role of Arginase in a Mouse Model of Colitis. <i>Journal of Immunology</i> , 2004, 173, 2109-2117.	0.8	112
131	Induction of Polyamine Oxidase 1 by <i>Helicobacter pylori</i> Causes Macrophage Apoptosis by Hydrogen Peroxide Release and Mitochondrial Membrane Depolarization. <i>Journal of Biological Chemistry</i> , 2004, 279, 40161-40173.	3.4	141
132	Overexpression of SSAT in Kidney Cells Recapitulates Various Phenotypic Aspects of Kidney Ischemia-reperfusion Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2004, 15, 1844-1852.	6.1	48
133	Induction of spermidine/spermine N 1-acetyltransferase in breast cancer tissues treated with the polyamine analogue N 1,N 11-diethylnorspermine. <i>Cancer Chemotherapy and Pharmacology</i> , 2004, 54, 122-126.	2.3	27
134	Suppression of polyamine catabolism by activated Ki-ras in human colon cancer cells. <i>Molecular Carcinogenesis</i> , 2004, 39, 91-102.	2.7	62
135	Prostanoids, ornithine decarboxylase, and polyamines in primary chemoprevention of familial adenomatous polyposis. <i>Gastroenterology</i> , 2004, 126, 425-431.	1.3	49
136	Histone Demethylation Mediated by the Nuclear Amine Oxidase Homolog LSD1. <i>Cell</i> , 2004, 119, 941-953.	28.9	3,626
137	Regulation of polyamine analogue cytotoxicity by c-Jun in human MDA-MB-435 cancer cells. <i>Molecular Cancer Research</i> , 2004, 2, 81-8.	3.4	12
138	Regulation of Polyamine Analogue Cytotoxicity by c-Jun in Human MDA-MB-435 Cancer Cells. <i>Molecular Cancer Research</i> , 2004, 2, 81-88.	3.4	32
139	Induction of the PAOh1/SMO polyamine oxidase by polyamine analogues in human lung carcinoma cells. <i>Cancer Chemotherapy and Pharmacology</i> , 2003, 52, 383-390.	2.3	58
140	Properties of purified recombinant human polyamine oxidase, PAOh1/SMO. <i>Biochemical and Biophysical Research Communications</i> , 2003, 304, 605-611.	2.1	119
141	Induction of phase 2 enzymes by serum oxidized polyamines through activation of Nrf2: effect of the polyamine metabolite acrolein. <i>Biochemical and Biophysical Research Communications</i> , 2003, 305, 662-670.	2.1	79
142	Cyclooxygenase-independent Induction of Apoptosis by Sulindac Sulfone Is Mediated by Polyamines in Colon Cancer. <i>Journal of Biological Chemistry</i> , 2003, 278, 47762-47775.	3.4	125
143	Spermidine/spermine N1-acetyltransferase (SSAT) activity in human small-cell lung carcinoma cells following transfection with a genomic SSAT construct. <i>Biochemical Journal</i> , 2003, 373, 629-634.	3.7	16
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