

Robert A Casero

List of Publications by Year in descending order

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189
papers

17,315
citations

18436

62
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14702

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.	1.7	2
3	Polyamines in cancer: integrating organismal metabolism and antitumour immunity. <i>Nature Reviews Cancer</i> , 2022, 22, 467-480.	12.8	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.	1.3	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.	1.8	6
6	Interrogation of T Cell-enriched Tumors Reveals Prognostic and Immunotherapeutic Implications of Polyamine Metabolism. <i>Cancer Research Communications</i> , 2022, 2, 639-652.	0.7	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, .	2.3	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.	1.1	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.	0.9	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.	1.1	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.	0.4	1
12	A new class of cytotoxic agents targets tubulin and disrupts microtubule dynamics. <i>Bioorganic Chemistry</i> , 2021, 116, 105297.	2.0	6
13	Pharmacological polyamine catabolism upregulation with methionine salvage pathway inhibition as an effective prostate cancer therapy. <i>Nature Communications</i> , 2020, 11, 52.	5.8	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.	1.6	24
15	Ablation of polyamine catabolic enzymes provokes Purkinje cell damage, neuroinflammation, and severe ataxia. <i>Journal of Neuroinflammation</i> , 2020, 17, 301.	3.1	6
16	Spermine oxidase mediates <i>Helicobacter pylori</i> -induced gastric inflammation, DNA damage, and carcinogenic signaling. <i>Oncogene</i> , 2020, 39, 4465-4474.	2.6	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.	1.6	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.	1.6	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.	1.4	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.	1.1	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.	1.6	9
22	Polyamine Regulation in Diabetic Breast Cancer Cells. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
23	SPERMIDINE DOES NOT INFLUENCE LIMB MUSCLE MASS FOLLOWING ANDROGEN DEPLETION. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	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.	1.6	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.	0.4	59
26	Dual inhibitors of LSD1 and spermine oxidase. <i>MedChemComm</i> , 2019, 10, 778-790.	3.5	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.	0.2	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.	1.0	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.	1.4	13
30	Polyamine Homeostasis in Snyder-Robinson Syndrome. <i>Medical Sciences (Basel, Switzerland)</i> , 2018, 6, 112.	1.3	22
31	Polyamine catabolism and oxidative damage. <i>Journal of Biological Chemistry</i> , 2018, 293, 18736-18745.	1.6	151
32	Polyamine metabolism and cancer: treatments, challenges and opportunities. <i>Nature Reviews Cancer</i> , 2018, 18, 681-695.	12.8	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.	1.8	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.	0.6	87
35	Polymeric Prodrugs Targeting Polyamine Metabolism Inhibit Zika Virus Replication. <i>Molecular Pharmaceutics</i> , 2018, 15, 4284-4295.	2.3	9
36	Distinct Immunomodulatory Effects of Spermine Oxidase in Colitis Induced by Epithelial Injury or Infection. <i>Frontiers in Immunology</i> , 2018, 9, 1242.	2.2	35

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37	Curcumin mediates polyamine metabolism and sensitizes gastrointestinal cancer cells to antitumor polyamine-targeted therapies. <i>PLoS ONE</i> , 2018, 13, e0202677.	1.1	25
38	Placental polyamine metabolism differs by fetal sex, fetal growth restriction, and preeclampsia. <i>JCI Insight</i> , 2018, 3, .	2.3	54
39	Targeting the aryl hydrocarbon receptor/polyamine biosynthesis axis of evil for cancer therapy. <i>Journal of Clinical Investigation</i> , 2018, 128, 4254-4256.	3.9	2
40	Targeting hexokinase 2 inhibition promotes radiosensitization in HPV16 E7-induced cervical cancer and suppresses tumor growth. <i>International Journal of Oncology</i> , 2017, 50, 2011-2023.	1.4	53
41	Self-immolative nanoparticles for simultaneous delivery of microRNA and targeting of polyamine metabolism in combination cancer therapy. <i>Journal of Controlled Release</i> , 2017, 246, 110-119.	4.8	75
42	Elucidating the Structure of <i>N</i> ¹ -Acetylispoptreanine: A Novel Polyamine Catabolite in Human Urine. <i>ACS Omega</i> , 2017, 2, 3921-3930.	1.6	11
43	Regulation of Polyamine Metabolism by Curcumin for Cancer Prevention and Therapy. <i>Medical Sciences (Basel, Switzerland)</i> , 2017, 5, 38.	1.3	10
44	Activation of endoplasmic reticulum stress response by enhanced polyamine catabolism is important in the mediation of cisplatin-induced acute kidney injury. <i>PLoS ONE</i> , 2017, 12, e0184570.	1.1	32
45	Biochemical evaluation of the anticancer potential of the polyamine-based nanocarrier Nano11047. <i>PLoS ONE</i> , 2017, 12, e0175917.	1.1	15
46	Arginase 2 deletion leads to enhanced M1 macrophage activation and upregulated polyamine metabolism in response to <i>Helicobacter pylori</i> infection. <i>Amino Acids</i> , 2016, 48, 2375-2388.	1.2	80
47	Targeting polyamine metabolism for cancer therapy and prevention. <i>Biochemical Journal</i> , 2016, 473, 2937-2953.	1.7	134
48	Decrease in acrolein toxicity based on the decline of polyamine oxidases. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 79, 151-157.	1.2	12
49	Largazole Analogues Embodying Radical Changes in the Depsipeptide Ring: Development of a More Selective and Highly Potent Analogue. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 10642-10660.	2.9	29
50	MOF Acetylates the Histone Demethylase LSD1 to Suppress Epithelial-to-Mesenchymal Transition. <i>Cell Reports</i> , 2016, 15, 2665-2678.	2.9	68
51	Reduction of Murine Colon Tumorigenesis Driven by Enterotoxigenic <i>Bacteroides fragilis</i> Using Cefoxitin Treatment. <i>Journal of Infectious Diseases</i> , 2016, 214, 122-129.	1.9	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. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 1601-1612.	1.4	40
54	Metabolism Links Bacterial Biofilms and Colon Carcinogenesis. <i>Cell Metabolism</i> , 2015, 21, 891-897.	7.2	288

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55	Increased Helicobacter pylori-associated gastric cancer risk in the Andean region of Colombia is mediated by spermine oxidase. <i>Oncogene</i> , 2015, 34, 3429-3440.	2.6	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.	1.1	19
57	Spermine oxidase is a regulator of macrophage host response to Helicobacter pylori: enhancement of antimicrobial nitric oxide generation by depletion of spermine. <i>Amino Acids</i> , 2014, 46, 531-542.	1.2	25
58	Polyamine catabolism in carcinogenesis: potential targets for chemotherapy and chemoprevention. <i>Amino Acids</i> , 2014, 46, 511-519.	1.2	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.	2.6	16
60	A Selective Phenelzine Analogue Inhibitor of Histone Demethylase LSD1. <i>ACS Chemical Biology</i> , 2014, 9, 1284-1293.	1.6	88
61	Activation of EGFR and ERBB2 by Helicobacter pylori Results in Survival of Gastric Epithelial Cells With DNA Damage. <i>Gastroenterology</i> , 2014, 146, 1739-1751.e14.	0.6	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.	1.2	43
63	Histone Deacetylase Inhibition Overcomes Drug Resistance through a miRNA-Dependent Mechanism. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 2088-2099.	1.9	21
64	Polyamines and cancer: implications for chemotherapy and chemoprevention. <i>Expert Reviews in Molecular Medicine</i> , 2013, 15, e3.	1.6	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.	1.7	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.	7.7	4
67	Pentamines as Substrate for Human Spermine Oxidase. <i>Biological and Pharmaceutical Bulletin</i> , 2013, 36, 407-411.	0.6	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.	1.6	29
69	Polyamine-Regulated Translation of Spermidine/Spermine-N ¹ -Acetyltransferase. <i>Molecular and Cellular Biology</i> , 2012, 32, 1453-1467.	1.1	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.	1.7	28
71	Polyamine-based small molecule epigenetic modulators. <i>MedChemComm</i> , 2012, 3, 14-21.	3.5	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.	1.1	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.	2.9	68
74	L-arginine Supplementation Improves Responses to Injury and Inflammation in Dextran Sulfate Sodium Colitis. <i>PLoS ONE</i> , 2012, 7, e33546.	1.1	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.	15.2	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.	1.2	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.	1.2	5
78	Spermine Oxidase Mediates the Gastric Cancer Risk Associated With <i>Helicobacter pylori</i> CagA. <i>Gastroenterology</i> , 2011, 141, 1696-1708.e2.	0.6	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.	2.9	41
80	Current Status of the Polyamine Research Field. <i>Methods in Molecular Biology</i> , 2011, 720, 3-35.	0.4	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.	1.1	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.	7.7	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.	0.4	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.	3.3	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.	0.4	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.	1.1	34
87	Metabolism of N-alkylated spermine analogues by polyamine and spermine oxidases. <i>Amino Acids</i> , 2010, 38, 369-381.	1.2	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.	1.1	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.	0.9	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.	1.6	8

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91	Polyamine Catabolism Is Enhanced after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2010, 27, 515-525.	1.7	66
92	Id1 overexpression is independent of repression and epigenetic silencing of tumor suppressor genes in melanoma. <i>Epigenetics</i> , 2010, 5, 410-421.	1.3	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.	0.6	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.	2.9	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.	3.2	196
96	Polyamine analogues targeting epigenetic gene regulation. <i>Essays in Biochemistry</i> , 2009, 46, 95-110.	2.1	47
97	Recent Advances in the Development of Polyamine Analogues as Antitumor Agents. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 4551-4573.	2.9	153
98	Polyamine catabolism and disease. <i>Biochemical Journal</i> , 2009, 421, 323-338.	1.7	316
99	Design of polyamine-based therapeutic agents: new targets and new directions. <i>Essays in Biochemistry</i> , 2009, 46, 77-94.	2.1	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.	0.6	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.	1.1	38
102	Increased spermine oxidase expression in human prostate cancer and prostatic intraepithelial neoplasia tissues. <i>Prostate</i> , 2008, 68, 766-772.	1.2	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.	2.2	56
104	Polyaminohydroxamic Acids and Polyaminobenzamides as Isoform Selective Histone Deacetylase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 2447-2456.	2.9	32
105	The Novel Polyamine Analogue CGC-11093 Enhances the Antimyeloma Activity of Bortezomib. <i>Cancer Research</i> , 2008, 68, 4783-4790.	0.4	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.	3.3	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.	1.9	45
108	Polyamine-based analogues as biochemical probes and potential therapeutics. <i>Biochemical Society Transactions</i> , 2007, 35, 356-363.	1.6	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.	21.5	635
110	Spermine and spermidine mediate protection against oxidative damage caused by hydrogen peroxide. <i>Amino Acids</i> , 2007, 33, 231-240.	1.2	250
111	Mammalian Polyamine Catabolism: A Therapeutic Target, a Pathological Problem, or Both?. <i>Journal of Biochemistry</i> , 2006, 139, 17-25.	0.9	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.	1.7	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.	13.8	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.	1.6	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.	0.4	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.	1.7	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.	1.6	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.	0.7	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.	1.7	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.	1.1	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.	2.1	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.	1.6	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.	1.6	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.	1.6	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.	1.5	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.	2.9	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.	0.4	153
130	Protective Role of Arginase in a Mouse Model of Colitis. <i>Journal of Immunology</i> , 2004, 173, 2109-2117.	0.4	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.	1.6	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.	3.0	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.	1.1	27
134	Suppression of polyamine catabolism by activated Ki-ras in human colon cancer cells. <i>Molecular Carcinogenesis</i> , 2004, 39, 91-102.	1.3	62
135	Prostanoids, ornithine decarboxylase, and polyamines in primary chemoprevention of familial adenomatous polyposis. <i>Gastroenterology</i> , 2004, 126, 425-431.	0.6	49
136	Histone Demethylation Mediated by the Nuclear Amine Oxidase Homolog LSD1. <i>Cell</i> , 2004, 119, 941-953.	13.5	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.	1.5	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.	1.5	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.	1.1	58
140	Properties of purified recombinant human polyamine oxidase, PAOh1/SMO. <i>Biochemical and Biophysical Research Communications</i> , 2003, 304, 605-611.	1.0	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.	1.0	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.	1.6	125
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