

Athanasios G Papavassiliou

List of Publications by Year in descending order

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Version: 2024-02-01

191
papers

7,023
citations

57631

44
h-index

82410

72
g-index

193
all docs

193
docs citations

193
times ranked

11417
citing authors

#	ARTICLE	IF	CITATIONS
1	ROS/oxidative stress signaling in osteoarthritis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 576-591.	1.8	521
2	The Bone-specific Transcriptional Regulator Cbfa1 Is a Target of Mechanical Signals in Osteoblastic Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 23934-23941.	1.6	218
3	Redox and NF- κ B signaling in osteoarthritis. <i>Free Radical Biology and Medicine</i> , 2019, 132, 90-100.	1.3	214
4	Mechanotransduction in osteoblast regulation and bone disease. <i>Trends in Molecular Medicine</i> , 2009, 15, 208-216.	3.5	209
5	Mitochondria and cardiovascular diseasesâ€”from pathophysiology to treatment. <i>Annals of Translational Medicine</i> , 2018, 6, 256-256.	0.7	177
6	Pancreatic ductal adenocarcinoma: Treatment hurdles, tumor microenvironment and immunotherapy. <i>World Journal of Gastrointestinal Oncology</i> , 2020, 12, 173-181.	0.8	172
7	Empagliflozin Attenuates Non-Alcoholic Fatty Liver Disease (NAFLD) in High Fat Diet Fed ApoE(-/-) Mice by Activating Autophagy and Reducing ER Stress and Apoptosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 818.	1.8	147
8	A step-by-step microRNA guide to cancer development and metastasis. <i>Cellular Oncology (Dordrecht)</i> , 2017, 40, 303-339.	2.1	129
9	Emerging role of advanced glycation-end products (AGEs) in the pathobiology of eye diseases. <i>Progress in Retinal and Eye Research</i> , 2014, 42, 85-102.	7.3	124
10	Canagliflozin attenuates the progression of atherosclerosis and inflammation process in APOE knockout mice. <i>Cardiovascular Diabetology</i> , 2018, 17, 106.	2.7	118
11	Epigenetic mechanisms regulating COVID-19 infection. <i>Epigenetics</i> , 2021, 16, 263-270.	1.3	103
12	Runx2: of bone and stretch. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 1659-1663.	1.2	101
13	Epigenetic modifications in colorectal cancer: Molecular insights and therapeutic challenges. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 971-980.	1.8	98
14	Serine Phosphorylation of Insulin Receptor Substrate-1: A Novel Target for the Reversal of Insulin Resistance. <i>Molecular Endocrinology</i> , 2001, 15, 1864-1869.	3.7	94
15	Stretch-mediated Activation of Selective MAPK Subtypes and Potentiation of AP-1 Binding in Human Osteoblastic Cells. <i>Molecular Medicine</i> , 2001, 7, 68-78.	1.9	86
16	Androgen Receptor in Breast Cancerâ€”Clinical and Preclinical Research Insights. <i>Molecules</i> , 2020, 25, 358.	1.7	85
17	Atorvastatin treatment improves endothelial function through endothelial progenitor cells mobilization in ischemic heart failure patients. <i>Atherosclerosis</i> , 2015, 238, 159-164.	0.4	83
18	Transcription Factor Drug Targets. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 2693-2696.	1.2	83

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19	Growth hormone-releasing hormone: not only a neurohormone. Trends in Endocrinology and Metabolism, 2011, 22, 311-317.	3.1	82
20	Role of Histone Lysine Methyltransferases SUV39H1 and SETDB1 in Gliomagenesis: Modulation of Cell Proliferation, Migration, and Colony Formation. NeuroMolecular Medicine, 2014, 16, 70-82.	1.8	78
21	Signaling networks and transcription factors regulating mechanotransduction in bone. BioEssays, 2009, 31, 794-804.	1.2	76
22	Pivotal Role of STAT3 in Shaping Glioblastoma Immune Microenvironment. Cells, 2019, 8, 1398.	1.8	73
23	Roles of CREB-binding protein (CBP)/p300 in respiratory epithelium tumorigenesis. Cell Research, 2007, 17, 324-332.	5.7	72
24	Impact of advanced glycation end products (AGEs) signaling in coronary artery disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 611-619.	1.8	71
25	Segmental bone defects: from cellular and molecular pathways to the development of novel biological treatments. Journal of Cellular and Molecular Medicine, 2010, 14, 2561-2569.	1.6	70
26	Advanced glycation end products upregulate lysyl oxidase and endothelin-1 in human aortic endothelial cells via parallel activation of ERK1/2 and NF- κ B and JNK/AP-1 signaling pathways. Cellular and Molecular Life Sciences, 2016, 73, 1685-1698.	2.4	70
27	FK228 (depsipeptide): a HDAC inhibitor with pleiotropic antitumor activities. Cancer Chemotherapy and Pharmacology, 2006, 58, 711-715.	1.1	69
28	Colon carcinogenesis: Learning from NF- κ B and AP-1. International Journal of Biochemistry and Cell Biology, 2010, 42, 1061-1065.	1.2	69
29	Effects of omega-3 fatty acids on endothelial function, arterial wall properties, inflammatory and fibrinolytic status in smokers: A cross over study. International Journal of Cardiology, 2013, 166, 340-346.	0.8	68
30	XBP1: A Pivotal Transcriptional Regulator of Glucose and Lipid Metabolism. Trends in Endocrinology and Metabolism, 2016, 27, 119-122.	3.1	68
31	DNA methylation biomarkers as diagnostic and prognostic tools in colorectal cancer. Journal of Molecular Medicine, 2013, 91, 1249-1256.	1.7	65
32	Anti-mullerian hormone is associated with advanced glycosylated end products in lean women with polycystic ovary syndrome. European Journal of Endocrinology, 2009, 160, 847-853.	1.9	62
33	Simvastatin activates Keap1/Nrf2 signaling in rat liver. Journal of Molecular Medicine, 2008, 86, 1279-1285.	1.7	61
34	Biologic Treatment of Mild and Moderate Intervertebral Disc Degeneration. Molecular Medicine, 2014, 20, 400-409.	1.9	61
35	Lysosome: the cell's "suicidal bag" as a promising cancer target. Trends in Molecular Medicine, 2014, 20, 239-241.	3.5	61
36	AGE/RAGE signalling regulation by miRNAs: Associations with diabetic complications and therapeutic potential. International Journal of Biochemistry and Cell Biology, 2015, 60, 197-201.	1.2	61

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37	Acute effects of different types of aerobic exercise on endothelial function and arterial stiffness. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 1565-1572.	0.8	60
38	Breast cancer: The upgraded role of HER-3 and HER-4. <i>International Journal of Biochemistry and Cell Biology</i> , 2007, 39, 851-856.	1.2	59
39	Co-targeting of EGFR and autophagy signaling is an emerging treatment strategy in metastatic colorectal cancer. <i>Cancer Letters</i> , 2017, 396, 94-102.	3.2	59
40	<i>Helicobacter pylori</i> infection and gastric cancer biology: tempering a double-edged sword. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2477-2486.	2.4	59
41	The Multifaceted Output of c-Jun Biological Activity: Focus at the Junction of CD8 T Cell Activation and Exhaustion. <i>Cells</i> , 2020, 9, 2470.	1.8	58
42	Role of Endothelial Dysfunction and Arterial Stiffness in the Development of Diabetic Retinopathy. <i>Diabetes Care</i> , 2015, 38, e9-e10.	4.3	53
43	Pancreatic Cancer and Cachexia—Metabolic Mechanisms and Novel Insights. <i>Nutrients</i> , 2020, 12, 1543.	1.7	50
44	The glucocorticoid receptor signalling in breast cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 145-163.	1.6	49
45	Targeting Androgen/Estrogen Receptors Crosstalk in Cancer. <i>Trends in Cancer</i> , 2016, 2, 35-48.	3.8	49
46	Histone Methyltransferase SETDB1: A Common Denominator of Tumorigenesis with Therapeutic Potential. <i>Cancer Research</i> , 2021, 81, 525-534.	0.4	48
47	Polycystin-1: Function as a mechanosensor. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1610-1613.	1.2	47
48	Mechanical stimulation of polycystin-1 induces human osteoblastic gene expression via potentiation of the calcineurin/NFAT signaling axis. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 167-180.	2.4	46
49	Insights in the immunobiology of glioblastoma. <i>Journal of Molecular Medicine</i> , 2020, 98, 1-10.	1.7	46
50	Surgeons' and surgical trainees' acute stress in real operations or simulation: A systematic review. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 2017, 15, 355-365.	0.8	45
51	Non-palpable breast carcinomas: Correlation of mammographically detected malignant-appearing microcalcifications and molecular prognostic factors. <i>International Journal of Cancer</i> , 2002, 102, 86-90.	2.3	44
52	The molecular rationale of Src inhibition in colorectal carcinomas. <i>International Journal of Cancer</i> , 2014, 134, 2019-2029.	2.3	43
53	Rab and rho GTPases are involved in specific response of periodontal ligament fibroblasts to mechanical stretching. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1995, 1268, 209-213.	1.9	42
54	Expression and promoter methylation status of <i>hMLH1</i> , <i>MGMT</i> , <i>APC</i> and <i>CDH1</i> genes in patients with colon adenocarcinoma. <i>Experimental Biology and Medicine</i> , 2015, 240, 1599-1605.	1.1	42

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55	Deciphering signaling networks in osteosarcoma pathobiology. <i>Experimental Biology and Medicine</i> , 2016, 241, 1296-1305.	1.1	42
56	Mechanical stress induces DNA synthesis in PDL fibroblasts by a mechanism unrelated to autocrine growth factor action. <i>FEBS Letters</i> , 1998, 430, 358-362.	1.3	41
57	Growth Hormone Attenuates the Transcriptional Activity of Runx2 by Facilitating Its Physical Association With Stat3 ¹ . <i>Journal of Bone and Mineral Research</i> , 2004, 19, 1892-1904.	3.1	41
58	Is androgen receptor targeting an emerging treatment strategy for triple negative breast cancer?. <i>Cancer Treatment Reviews</i> , 2015, 41, 547-553.	3.4	41
59	Polycystin ¹ and polycystin ² are involved in the acquisition of aggressive phenotypes in colorectal cancer. <i>International Journal of Cancer</i> , 2015, 136, 1515-1527.	2.3	41
60	Mechanosensor polycystin-1 potentiates differentiation of human osteoblastic cells by upregulating Runx2 expression via induction of JAK2/STAT3 signaling axis. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 921-936.	2.4	41
61	Targeting of endoplasmic reticulum (ER) stress in gliomas. <i>Pharmacological Research</i> , 2020, 157, 104823.	3.1	40
62	Endoplasmic Reticulum Stress and Autophagy in the Pathogenesis of Non-alcoholic Fatty Liver Disease (NAFLD): Current Evidence and Perspectives. <i>Current Obesity Reports</i> , 2021, 10, 134-161.	3.5	40
63	High-mobility group box 1 in Parkinson's disease: from pathogenesis to therapeutic approaches. <i>Journal of Neurochemistry</i> , 2018, 146, 211-218.	2.1	38
64	Estrogen receptor beta increases sensitivity to enzalutamide in androgen receptor-positive triple-negative breast cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019, 145, 1221-1233.	1.2	38
65	The Interplay of Autophagy and Tumor Microenvironment in Colorectal Cancer—Ways of Enhancing Immunotherapy Action. <i>Cancers</i> , 2019, 11, 533.	1.7	37
66	Hyperirisinemia is independently associated with subclinical hypothyroidism: correlations with cardiometabolic biomarkers and risk factors. <i>Endocrine</i> , 2018, 61, 83-93.	1.1	36
67	Targeting STAT3 Signaling Pathway in Colorectal Cancer. <i>Biomedicines</i> , 2021, 9, 1016.	1.4	36
68	MicroRNAs as regulatory elements in triple negative breast cancer. <i>Cancer Letters</i> , 2014, 354, 1-4.	3.2	35
69	Pivotal role of high-mobility group box 1 (HMGB1) signaling pathways in glioma development and progression. <i>Journal of Molecular Medicine</i> , 2016, 94, 867-874.	1.7	35
70	Empagliflozin improves primary haemodynamic parameters and attenuates the development of atherosclerosis in high fat diet fed APOE knockout mice. <i>Molecular and Cellular Endocrinology</i> , 2019, 494, 110487.	1.6	35
71	Systemic effects of AGEs in ER stress induction in vivo. <i>Glycoconjugate Journal</i> , 2016, 33, 537-544.	1.4	34
72	Functional characterization of CHEK2 variants in a <i>Saccharomyces cerevisiae</i> system. <i>Human Mutation</i> , 2019, 40, 631-648.	1.1	34

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73	Gastrointestinal Stromal Tumors (GISTs): Novel Therapeutic Strategies with Immunotherapy and Small Molecules. <i>International Journal of Molecular Sciences</i> , 2021, 22, 493.	1.8	34
74	High-frequency p16 ^{INK4A} promoter methylation is associated with histone methyltransferase SETDB1 expression in sporadic cutaneous melanoma. <i>Experimental Dermatology</i> , 2014, 23, 332-338.	1.4	33
75	A crosstalk between p21 and UPR-induced transcription factor C/EBP homologous protein (CHOP) linked to type 2 diabetes. <i>Biochimie</i> , 2014, 99, 19-27.	1.3	31
76	Recent Advances in Mechanobiology of Osteosarcoma. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 232-236.	1.2	31
77	The Activator Protein-1 Transcription Factor in Respiratory Epithelium Carcinogenesis. <i>Molecular Cancer Research</i> , 2007, 5, 109-120.	1.5	29
78	The Resistance Mechanisms of Checkpoint Inhibitors in Solid Tumors. <i>Biomolecules</i> , 2020, 10, 666.	1.8	29
79	HOXA9 and MEIS1 gene overexpression in the diagnosis of childhood acute leukemias: Significant correlation with relapse and overall survival. <i>Leukemia Research</i> , 2015, 39, 874-882.	0.4	28
80	Superior efficacy of the antifungal agent ciclopirox olamine over gemcitabine in pancreatic cancer models. <i>Oncotarget</i> , 2018, 9, 10360-10374.	0.8	28
81	Novel Inflammatory Markers in Hyperlipidemia: Clinical Implications. <i>Current Medicinal Chemistry</i> , 2015, 22, 2727-2743.	1.2	27
82	Molecular mechanisms of mechanotransduction in psoriasis. <i>Annals of Translational Medicine</i> , 2018, 6, 245-245.	0.7	27
83	Coronary Artery Disease and Endothelial Dysfunction: Novel Diagnostic and Therapeutic Approaches. <i>Current Medicinal Chemistry</i> , 2020, 27, 1052-1080.	1.2	27
84	Chemerin as a biomarker at the intersection of inflammation, chemotaxis, coagulation, fibrinolysis and metabolism in resectable non-small cell lung cancer. <i>Lung Cancer</i> , 2018, 125, 291-299.	0.9	26
85	Tumor mechanosensing and its therapeutic potential. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 4304-4308.	1.2	24
86	Autophagy-related Proteins as a Prognostic Factor of Patients With Colorectal Cancer. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2019, 42, 767-776.	0.6	23
87	Could glucose be a proaging factor?. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 1194-1198.	1.6	22
88	Elevated expression of mechanosensory polycystins in human carotid atherosclerotic plaques: association with p53 activation and disease severity. <i>Scientific Reports</i> , 2015, 5, 13461.	1.6	22
89	Prognostic significance of arterial stiffness and osteoprotegerin in patients with stable coronary artery disease. <i>European Journal of Clinical Investigation</i> , 2018, 48, e12890.	1.7	22
90	Advanced glycation end products interfere in luteinizing hormone and follicle stimulating hormone signaling in human granulosa KGN cells. <i>Experimental Biology and Medicine</i> , 2018, 243, 29-33.	1.1	22

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91	The role of autophagy in the treatment of BRAF mutant colorectal carcinomas differs based on microsatellite instability status. <i>PLoS ONE</i> , 2018, 13, e0207227.	1.1	21
92	Bromodomains: pockets with therapeutic potential. <i>Trends in Molecular Medicine</i> , 2014, 20, 477-478.	3.5	20
93	Clopidogrel response variability is associated with endothelial dysfunction in coronary artery disease patients receiving dual antiplatelet therapy. <i>Atherosclerosis</i> , 2015, 242, 102-108.	0.4	20
94	The biological complexity of urothelial carcinoma: Insights into carcinogenesis, targets and biomarkers of response to therapeutic approaches. <i>Seminars in Cancer Biology</i> , 2015, 35, 125-132.	4.3	20
95	Circulating tumor cells as Trojan Horse for understanding, preventing, and treating cancer: a critical appraisal. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 3671-3690.	2.4	20
96	Deregulated Chromatin Remodeling in the Pathobiology of Brain Tumors. <i>NeuroMolecular Medicine</i> , 2013, 15, 1-24.	1.8	19
97	Potential of glycative stress targeting for cancer prevention. <i>Cancer Letters</i> , 2017, 390, 153-159.	3.2	19
98	Independent academic Data Monitoring Committees for clinical trials in cardiovascular and cardiometabolic diseases. <i>European Journal of Heart Failure</i> , 2017, 19, 449-456.	2.9	19
99	Induction of the MCP chemokine cluster cascade in the periphery by cancer cell-derived Ccl3. <i>Cancer Letters</i> , 2017, 389, 49-58.	3.2	19
100	Polycystins and Mechanotransduction in Human Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2182.	1.8	19
101	The Role of the RANKL/RANK Axis in the Prevention and Treatment of Breast Cancer with Immune Checkpoint Inhibitors and Anti-RANKL. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7570.	1.8	19
102	Prominent Role of Histone Modifications in the Regulation of Tumor Metastasis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2778.	1.8	19
103	Osteoprotegerin and Osteopontin Serum Levels are Associated with Vascular Function and Inflammation in Coronary Artery Disease Patients. <i>Current Vascular Pharmacology</i> , 2020, 18, 523-530.	0.8	19
104	Polycystin-1 induces activation of the PI3K/AKT/mTOR pathway and promotes angiogenesis in renal cell carcinoma. <i>Cancer Letters</i> , 2020, 489, 135-143.	3.2	18
105	Extra-skeletal effects of bisphosphonates. <i>Metabolism: Clinical and Experimental</i> , 2020, 110, 154264.	1.5	18
106	Arterial Wall Elastic Properties and Endothelial Dysfunction in the Diabetic Foot Syndrome in Patients With Type 2 Diabetes. <i>Diabetes Care</i> , 2015, 38, e180-e181.	4.3	17
107	Modulation of Pancreatic Islets' Function and Survival During Aging Involves the Differential Regulation of Endoplasmic Reticulum Stress by p21 and CHOP. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 185-200.	2.5	17
108	Circulating Omentin-1 as a Biomarker at the Intersection of Postmenopausal Breast Cancer Occurrence and Cardiometabolic Risk: An Observational Cross-Sectional Study. <i>Biomolecules</i> , 2021, 11, 1609.	1.8	17

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109	Vascular function and ocular involvement in sarcoidosis. <i>Microvascular Research</i> , 2015, 100, 54-58.	1.1	15
110	RANKL Signaling and ErbB Receptors in Breast Carcinogenesis. <i>Trends in Molecular Medicine</i> , 2016, 22, 839-850.	3.5	15
111	Polycystins: Mechanosensors with Diagnostic and Prognostic Potential in Cancer. <i>Trends in Molecular Medicine</i> , 2016, 22, 7-9.	3.5	15
112	Dietary glycotoxins induce RAGE and VEGF up-regulation in the retina of normal rats. <i>Experimental Eye Research</i> , 2015, 137, 1-10.	1.2	13
113	Variant of BCL3 gene is strongly associated with five-year survival of non-small-cell lung cancer patients. <i>Lung Cancer</i> , 2015, 89, 311-319.	0.9	13
114	Vitamin D interferes with glucocorticoid responsiveness in human peripheral blood mononuclear target cells. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 4341-4354.	2.4	13
115	The impact of dietary flavonoid supplementation on smoking-induced inflammatory process and fibrinolytic impairment. <i>Atherosclerosis</i> , 2016, 251, 266-272.	0.4	13
116	Molecular Basis of Pediatric Brain Tumors. <i>NeuroMolecular Medicine</i> , 2017, 19, 256-270.	1.8	13
117	Mechanosignalling in tumour progression. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 704-705.	1.6	13
118	Osteonectin as a screening marker for pancreatic cancer: A prospective study. <i>Journal of International Medical Research</i> , 2018, 46, 2769-2779.	0.4	13
119	Polycystin-1 downregulation induces ERK-dependent mTOR pathway activation in a cellular model of psoriasis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3468-3476.	1.8	13
120	mTOR Signaling Components in Tumor Mechanobiology. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1825.	1.8	13
121	Immunotherapy as a Therapeutic Strategy for Gastrointestinal Cancer – Current Treatment Options and Future Perspectives. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6664.	1.8	13
122	Cancer mechanobiology: Effects and therapeutic perspectives. <i>International Journal of Cancer</i> , 2018, 142, 1298-1299.	2.3	12
123	Inhibition of c-MET increases the antitumour activity of PARP inhibitors in gastric cancer models. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 10420-10431.	1.6	12
124	G6PD and chloroquine: Selecting the treatment against SARS-CoV-2?. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 4913-4914.	1.6	12
125	Combinatorial Treatment of Tinzaparin and Chemotherapy Can Induce a Significant Antitumor Effect in Pancreatic Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7053.	1.8	12
126	HER-3 targeting alters the dimerization pattern of ErbB protein family members in breast carcinomas. <i>Oncotarget</i> , 2016, 7, 5576-5597.	0.8	12

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127	The roles of p27 ^{Kip1} and DNA damage signalling in the chemotherapy-induced delayed cell cycle checkpoint. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 2264-2267.	1.6	11
128	High platelet reactivity is associated with vascular function in patients after percutaneous coronary intervention receiving clopidogrel. <i>International Journal of Cardiology</i> , 2014, 177, 192-196.	0.8	11
129	The Impact of Omega 3 Fatty Acids in Atherosclerosis and Arterial Stiffness: An Overview of their Actions. <i>Current Pharmaceutical Design</i> , 2018, 24, 1865-1872.	0.9	11
130	Mechanisms of the Antitumor Activity of Low Molecular Weight Heparins in Pancreatic Adenocarcinomas. <i>Cancers</i> , 2020, 12, 432.	1.7	11
131	STAT transcript levels in childhood acute lymphoblastic leukemia: STAT1 and STAT3 transcript correlations. <i>Leukemia Research</i> , 2015, 39, 1285-1291.	0.4	10
132	Co-targeting c-Met and DNA double-strand breaks (DSBs): Therapeutic strategies in BRCA-mutated gastric carcinomas. <i>Biochimie</i> , 2017, 142, 135-143.	1.3	10
133	Polycystins in Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 104.	1.8	10
134	PIWI family proteins as prognostic markers in cancer: a systematic review and meta-analysis. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2289-2314.	2.4	10
135	Emerging roles for the YAP/TAZ transcriptional regulators in brain tumour pathology and targeting options. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	1.8	10
136	Protein trafficking in colorectal carcinogenesis—targeting and bypassing resistance to currently applied treatments. <i>Carcinogenesis</i> , 2015, 36, 607-615.	1.3	9
137	Defective Anti-oxidant System: An Aggravating Factor for COVID-19 Patients Outcome?. <i>Archives of Medical Research</i> , 2020, 51, 726-727.	1.5	9
138	Chromatin remodeling defects in pediatric brain tumors. <i>Annals of Translational Medicine</i> , 2018, 6, 248-248.	0.7	9
139	Atrial Fibrillation: Biomarkers Determining Prognosis. <i>Current Medicinal Chemistry</i> , 2019, 26, 909-915.	1.2	9
140	The Predictive Role for ST2 in Patients with Acute Coronary Syndromes and Heart Failure. <i>Current Medicinal Chemistry</i> , 2020, 27, 4479-4493.	1.2	9
141	Role of autophagy in cholangiocarcinoma: An autophagy-based treatment strategy. <i>World Journal of Gastrointestinal Oncology</i> , 2021, 13, 1229-1243.	0.8	9
142	Ciclopirox enhances pancreatic islet health by modulating the unfolded protein response in diabetes. <i>Pflugers Archiv European Journal of Physiology</i> , 2016, 468, 1957-1968.	1.3	8
143	Gene-Specific Intron Retention Serves as Molecular Signature that Distinguishes Melanoma from Non-Melanoma Cancer Cells in Greek Patients. <i>International Journal of Molecular Sciences</i> , 2019, 20, 937.	1.8	8
144	Regulation of matrix metalloproteinase-1 by Filifactor alocis in human gingival and monocytic cells. <i>Clinical Oral Investigations</i> , 2020, 24, 1987-1995.	1.4	8

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145	Expression of clock-related genes in benign and malignant adrenal tumors. <i>Endocrine</i> , 2020, 68, 650-659.	1.1	8
146	Polycystin ϵ 1 modulates RUNX2 activation and <i>osteocalcin</i> gene expression via ERK signalling in a human craniosynostosis cell model. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 3216-3225.	1.6	8
147	Impact of diet-induced obesity in male mouse reproductive system: The role of advanced glycation end product ϵ receptor for advanced glycation end product axis. <i>Experimental Biology and Medicine</i> , 2014, 239, 937-947.	1.1	7
148	Are cystic fibrosis mutation carriers a potentially highly vulnerable group to COVID ϵ 19?. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 13542-13545.	1.6	7
149	Fibroblast Growth Factor 23 (FGF23) and Klotho Protein in Beta-Thalassemia. <i>Hormone and Metabolic Research</i> , 2020, 52, 194-201.	0.7	7
150	Bivalent Genes Targeting of Glioma Heterogeneity and Plasticity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 540.	1.8	7
151	MicroRNAs in Colorectal Neoplasia: From Pathobiology to Clinical Applications. <i>Current Pharmaceutical Biotechnology</i> , 2014, 15, 468-474.	0.9	7
152	The Implication of Autophagy in Gastric Cancer Progression. <i>Life</i> , 2021, 11, 1304.	1.1	7
153	Polycystin ϵ 1 regulates cell proliferation and migration through AKT/mTORC2 pathway in a human craniosynostosis cell model. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 2428-2437.	1.6	7
154	GHRH and wound healing. <i>Communicative and Integrative Biology</i> , 2011, 4, 82-83.	0.6	6
155	A systems approach identifies co-signaling molecules of early growth response 1 transcription factor in immobilization stress. <i>BMC Systems Biology</i> , 2014, 8, 100.	3.0	6
156	Flow-mediated dilation: Is it just a research tool or a useful biomarker for cardiovascular prognosis. <i>International Journal of Cardiology</i> , 2015, 180, 154-157.	0.8	6
157	Liquid Biopsies in Colorectal Cancer: Monitoring Genetic Heterogeneity. <i>Trends in Cancer</i> , 2017, 3, 166-168.	3.8	6
158	Epigenetic Pathways Offer Targets for Ovarian Cancer Treatment. <i>Clinical Breast Cancer</i> , 2018, 18, 189-191.	1.1	6
159	Impact of Aldehyde Dehydrogenase Activity on Gliomas. <i>Trends in Pharmacological Sciences</i> , 2018, 39, 605-609.	4.0	6
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