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List of Publications by Year in descending order

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63
papers

2,394
citations

236925

25
h-index

214800

47
g-index

64
all docs

64
docs citations

64
times ranked

3998
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Angiotensin-2 in Vascular Physiology and Pathophysiology. <i>Cells</i> , 2019, 8, 471.	4.1	297
2	CX3CR1-dependent renal macrophage survival promotes <i>Candida</i> control and host survival. <i>Journal of Clinical Investigation</i> , 2013, 123, 5035-5051.	8.2	190
3	CARD9-Dependent Neutrophil Recruitment Protects against Fungal Invasion of the Central Nervous System. <i>PLoS Pathogens</i> , 2015, 11, e1005293.	4.7	184
4	RhoA and ROCK mediate histamine-induced vascular leakage and anaphylactic shock. <i>Nature Communications</i> , 2015, 6, 6725.	12.8	141
5	Extrapulmonary <i>Aspergillus</i> infection in patients with CARD9 deficiency. <i>JCI Insight</i> , 2016, 1, e89890.	5.0	141
6	Decreased Lymphangiogenesis and Lymph Node Metastasis by mTOR Inhibition in Head and Neck Cancer. <i>Cancer Research</i> , 2011, 71, 7103-7112.	0.9	138
7	Mechanisms of angiogenesis in microbe-regulated inflammatory and neoplastic conditions. <i>Angiogenesis</i> , 2018, 21, 1-14.	7.2	105
8	Integrin $\alpha_5\beta_1$ is a pleiotrophin receptor required for pleiotrophin-induced endothelial cell migration through receptor protein tyrosine phosphatase β_2 . <i>FASEB Journal</i> , 2009, 23, 1459-1469.	0.5	80
9	Roles of pleiotrophin in tumor growth and angiogenesis. <i>European Cytokine Network</i> , 2009, 20, 180-190.	2.0	72
10	SDF-1/CXCL12 induces directional cell migration and spontaneous metastasis via a CXCR4/Gi/mTORC1 axis. <i>FASEB Journal</i> , 2015, 29, 1056-1068.	0.5	64
11	Differential Endothelial Transcriptomics Identifies Semaphorin 3G as a Vascular Class 3 Semaphorin. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 151-159.	2.4	60
12	Design and synthesis of a C7-aryl piperlongumine derivative with potent antimicrotubule and mutant p53-reactivating properties. <i>European Journal of Medicinal Chemistry</i> , 2016, 107, 233-244.	5.5	56
13	Interplay between $\alpha_5\beta_1$ Integrin and Nucleolin Regulates Human Endothelial and Glioma Cell Migration. <i>Journal of Biological Chemistry</i> , 2013, 288, 343-354.	3.4	55
14	PDZ-RhoGEF and LARG Are Essential for Embryonic Development and Provide a Link between Thrombin and LPA Receptors and Rho Activation. <i>Journal of Biological Chemistry</i> , 2013, 288, 12232-12243.	3.4	52
15	Nitric oxide stimulates migration of human endothelial and prostate cancer cells through up-regulation of pleiotrophin expression and its receptor protein tyrosine phosphatase β_2 . <i>International Journal of Cancer</i> , 2009, 124, 1785-1793.	5.1	51
16	Nanoparticle Delivery and Tumor Vascular Normalization: The Chicken or The Egg?. <i>Frontiers in Oncology</i> , 2019, 9, 1227.	2.8	47
17	S1PR1 regulates the quiescence of lymphatic vessels by inhibiting laminar shear stress-dependent VEGF-C signaling. <i>JCI Insight</i> , 2020, 5, .	5.0	47
18	Matrigel Plug Assay for In Vivo Evaluation of Angiogenesis. <i>Methods in Molecular Biology</i> , 2019, 1952, 219-232.	0.9	41

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19	Genetic Identification of <i>SEMA3F</i> as an Antilymphangiogenic Metastasis Suppressor Gene in Head and Neck Squamous Carcinoma. <i>Cancer Research</i> , 2015, 75, 2937-2948.	0.9	38
20	Endothelial RhoA GTPase is essential for in vitro endothelial functions but dispensable for physiological in vivo angiogenesis. <i>Scientific Reports</i> , 2019, 9, 11666.	3.3	38
21	Pleiotrophin expression and role in physiological angiogenesis in vivo: potential involvement of nucleolin. <i>Vascular Cell</i> , 2012, 4, 4.	0.2	33
22	Pleiotrophin as a Possible New Target for Angiogenesis-Related Diseases and Cancer. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2007, 2, 175-186.	1.6	31
23	Role of bFGF in Acquired Resistance upon Anti-VEGF Therapy in Cancer. <i>Cancers</i> , 2021, 13, 1422.	3.7	31
24	Penfluridol induces endoplasmic reticulum stress leading to autophagy in pancreatic cancer. <i>Tumor Biology</i> , 2017, 39, 101042831770551.	1.8	27
25	Heterotrimeric G-protein alpha-12 (G α 12) subunit promotes oral cancer metastasis. <i>Oncotarget</i> , 2014, 5, 9626-9640.	1.8	26
26	Multipronged activity of combinatorial miR-143 and miR-506 inhibits Lung Cancer cell cycle progression and angiogenesis in vitro. <i>Scientific Reports</i> , 2018, 8, 10495.	3.3	25
27	The homozygous CX3CR1-M280 mutation impairs human monocyte survival. <i>JCI Insight</i> , 2018, 3, .	5.0	25
28	TRAIL induces apoptosis in oral squamous carcinoma cells: a crosstalk with oncogenic Ras regulated cell surface expression of death receptor 5. <i>Oncotarget</i> , 2013, 4, 206-217.	1.8	25
29	GM-CSF therapy in human caspase recruitment domain-containing protein 9 deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1334-1338.e5.	2.9	24
30	A peptide corresponding to the C-terminal region of pleiotrophin inhibits angiogenesis in vivo and in vitro. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 1532-1543.	2.6	23
31	Expression of the growth factor pleiotrophin and its receptor protein tyrosine phosphatase beta/zeta in the serum, cartilage and subchondral bone of patients with osteoarthritis. <i>Joint Bone Spine</i> , 2013, 80, 407-413.	1.6	17
32	Conception, synthesis, and characterization of a rofecoxib-combretastatin hybrid drug with potent cyclooxygenase-2 (COX-2) inhibiting and microtubule disrupting activities in colon cancer cell culture and xenograft models. <i>Oncotarget</i> , 2018, 9, 26109-26129.	1.8	17
33	In Vitro Spheroid Sprouting Assay of Angiogenesis. <i>Methods in Molecular Biology</i> , 2019, 1952, 211-218.	0.9	16
34	An iPSC-Derived Neuron Model of CLN3 Disease Facilitates Small Molecule Phenotypic Screening. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 931-947.	4.9	14
35	Angiopoietin-2-induced lymphatic endothelial cell migration drives lymphangiogenesis via the β 1 integrin-RhoA-formin axis. <i>Angiogenesis</i> , 2022, 25, 373-396.	7.2	14
36	In Vitro Wound Healing Assays to Investigate Epidermal Migration. <i>Methods in Molecular Biology</i> , 2019, 2109, 147-154.	0.9	13

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37	Assessing the Current State of Lung Cancer Chemoprevention: A Comprehensive Overview. <i>Cancers</i> , 2020, 12, 1265.	3.7	13
38	Delayed Exercise-induced Upregulation of Angiogenic Proteins and Recovery of Motor Function after Photothrombotic Stroke in Mice. <i>Neuroscience</i> , 2021, 461, 57-71.	2.3	12
39	MiRNAs as Anti-Angiogenic Adjuvant Therapy in Cancer: Synopsis and Potential. <i>Frontiers in Oncology</i> , 2021, 11, 705634.	2.8	11
40	Design, synthesis and structure-activity relationship study of novel urea compounds as FGFR1 inhibitors to treat metastatic triple-negative breast cancer. <i>European Journal of Medicinal Chemistry</i> , 2021, 209, 112866.	5.5	10
41	Glycolysis is integral to histamine-induced endothelial hyperpermeability. <i>FASEB Journal</i> , 2021, 35, e21425.	0.5	10
42	Low Dose of Penfluridol Inhibits VEGF-Induced Angiogenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 755.	4.1	9
43	Targeting the Angiopoietin/Tie Pathway: Prospects for Treatment of Retinal and Respiratory Disorders. <i>Drugs</i> , 2021, 81, 1731-1749.	10.9	9
44	Heparin affin regulatory peptide/pleiotrophin negatively affects diverse biological activities in C6 glioma cells. <i>European Journal of Cell Biology</i> , 2008, 87, 17-29.	3.6	8
45	Epidermal loss of $\text{C}1\pm\text{q}$ confers a migratory and differentiation defect in keratinocytes. <i>PLoS ONE</i> , 2017, 12, e0173692.	2.5	8
46	Advanced bioinformatic analysis and pathway prediction of NSCLC cells upon cisplatin resistance. <i>Scientific Reports</i> , 2021, 11, 6520.	3.3	8
47	Heparin-Binding Protein Pleiotrophin: An Important player in the Angiogenic Process. <i>Connective Tissue Research</i> , 2008, 49, 149-152.	2.3	7
48	Analogs of penfluridol as chemotherapeutic agents with reduced central nervous system activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 3652-3657.	2.2	7
49	Analysis of Combinatorial miRNA Treatments to Regulate Cell Cycle and Angiogenesis. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	6
50	Pleiotrophin selectively binds to vascular endothelial growth factor receptor 2 and inhibits or stimulates cell migration depending on $\alpha\text{V}\beta\text{3}$ integrin expression. <i>Angiogenesis</i> , 2020, 23, 621-636.	7.2	5
51	Protein tyrosine phosphatase receptor-1 deletion triggers defective heart morphogenesis in mice and zebrafish. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 322, H8-H24.	3.2	5
52	In Vivo Ear Sponge Lymphangiogenesis Assay. <i>Methods in Molecular Biology</i> , 2021, 2193, 85-96.	0.9	2
53	Evaluation of Urea-Based Inhibitors of the Dopamine Transporter Using the Experimental Autoimmune Encephalomyelitis Model of Multiple Sclerosis. <i>ACS Chemical Neuroscience</i> , 2022, , .	3.5	2
54	Identification of Rho GEF and RhoA Activation by Pull-Down Assays. <i>Methods in Molecular Biology</i> , 2021, 2193, 97-109.	0.9	1

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55	A Semi-Physiological Three-Compartment Model Describes Brain Uptake Clearance and Efflux of Sucrose and Mannitol after IV Injection in Awake Mice. <i>Pharmaceutical Research</i> , 2022, 39, 251.	3.5	1
56	Chlorinated Benzothiadiazines Inhibit Angiogenesis Through Suppression of VEGFR2 Phosphorylation. <i>Biorganic and Medicinal Chemistry</i> , 2022, , 116805.	3.0	1
57	DNA Repair Response Adaptors: Novel Targets for Vasoproliferative Retinopathy?. <i>Thrombosis and Haemostasis</i> , 2019, 119, 358-358.	3.4	0
58	The Regulatory Activity of GIPC1 on RhoA-Mediated bFGF Angiogenic Functions. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
59	Role of Endothelial RhoA in Melanoma and Lung Cancer Trans-Endothelial Migration and Metastasis. <i>FASEB Journal</i> , 2019, 33, 368.9.	0.5	0
60	Endothelial RhoA Regulates Breast Cancer Metastasis. <i>FASEB Journal</i> , 2019, 33, 647.40.	0.5	0
61	Investigating Epidermal Interactions Through an In Vivo Cutaneous Wound-Healing Assay. <i>Methods in Molecular Biology</i> , 2021, 2193, 1-11.	0.9	0
62	Endothelial Small GTPase RhoA: A Potential Target for Anti-Angiogenic Therapy. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
63	Endothelial-specific nanodelivery of Rho kinase inhibitors: Targeting tumor angiogenesis and metastasis. <i>FASEB Journal</i> , 2022, 36, .	0.5	0