

Constantinos M Mikelis

List of Publications by Year in descending order

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63
papers

2,394
citations

236925

25
h-index

214800

47
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64
all docs

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docs citations

64
times ranked

3998
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein tyrosine phosphatase receptor- β 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
2	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
3	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
4	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
5	Endothelial-specific nanodelivery of Rho kinase inhibitors: Targeting tumor angiogenesis and metastasis. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
6	Chlorinated Benzothiadiazines Inhibit Angiogenesis Through Suppression of VEGFR2 Phosphorylation. <i>Bioorganic and Medicinal Chemistry</i> , 2022, , 116805.	3.0	1
7	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
8	Glycolysis is integral to histamine-induced endothelial hyperpermeability. <i>FASEB Journal</i> , 2021, 35, e21425.	0.5	10
9	Role of bFGF in Acquired Resistance upon Anti-VEGF Therapy in Cancer. <i>Cancers</i> , 2021, 13, 1422.	3.7	31
10	Advanced bioinformatic analysis and pathway prediction of NSCLC cells upon cisplatin resistance. <i>Scientific Reports</i> , 2021, 11, 6520.	3.3	8
11	The Regulatory Activity of GIPC1 on RhoA-Mediated bFGF Angiogenic Functions. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
12	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
13	Targeting the Angiopoietin/Tie Pathway: Prospects for Treatment of Retinal and Respiratory Disorders. <i>Drugs</i> , 2021, 81, 1731-1749.	10.9	9
14	In Vivo Ear Sponge Lymphangiogenesis Assay. <i>Methods in Molecular Biology</i> , 2021, 2193, 85-96.	0.9	2
15	Identification of Rho GEF and RhoA Activation by Pull-Down Assays. <i>Methods in Molecular Biology</i> , 2021, 2193, 97-109.	0.9	1
16	Investigating Epidermal Interactions Through an In Vivo Cutaneous Wound-Healing Assay. <i>Methods in Molecular Biology</i> , 2021, 2193, 1-11.	0.9	0
17	MiRNAs as Anti-Angiogenic Adjuvant Therapy in Cancer: Synopsis and Potential. <i>Frontiers in Oncology</i> , 2021, 11, 705634.	2.8	11
18	Pleiotrophin selectively binds to vascular endothelial growth factor receptor 2 and inhibits or stimulates cell migration depending on α 2 β 1 integrin expression. <i>Angiogenesis</i> , 2020, 23, 621-636.	7.2	5

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19	An iPSC-Derived Neuron Model of CLN3 Disease Facilitates Small Molecule Phenotypic Screening. ACS Pharmacology and Translational Science, 2020, 3, 931-947.	4.9	14
20	Assessing the Current State of Lung Cancer Chemoprevention: A Comprehensive Overview. Cancers, 2020, 12, 1265.	3.7	13
21	Low Dose of Penfluridol Inhibits VEGF-Induced Angiogenesis. International Journal of Molecular Sciences, 2020, 21, 755.	4.1	9
22	S1PR1 regulates the quiescence of lymphatic vessels by inhibiting laminar shear stressâ€‘dependent VEGF-C signaling. JCI Insight, 2020, 5, .	5.0	47
23	Endothelial Small GTPase RhoA: A Potential Target for Antiâ€‘angiogenic Therapy. FASEB Journal, 2020, 34, 1-1.	0.5	0
24	Endothelial RhoA GTPase is essential for in vitro endothelial functions but dispensable for physiological in vivo angiogenesis. Scientific Reports, 2019, 9, 11666.	3.3	38
25	Nanoparticle Delivery and Tumor Vascular Normalization: The Chicken or The Egg?. Frontiers in Oncology, 2019, 9, 1227.	2.8	47
26	DNA Repair Response Adaptors: Novel Targets for Vasoproliferative Retinopathy?. Thrombosis and Haemostasis, 2019, 119, 358-358.	3.4	0
27	In Vitro Wound Healing Assays to Investigate Epidermal Migration. Methods in Molecular Biology, 2019, 2109, 147-154.	0.9	13
28	Role of Angiotensin-2 in Vascular Physiology and Pathophysiology. Cells, 2019, 8, 471.	4.1	297
29	In Vitro Spheroid Sprouting Assay of Angiogenesis. Methods in Molecular Biology, 2019, 1952, 211-218.	0.9	16
30	Matrigel Plug Assay for In Vivo Evaluation of Angiogenesis. Methods in Molecular Biology, 2019, 1952, 219-232.	0.9	41
31	Analysis of Combinatorial miRNA Treatments to Regulate Cell Cycle and Angiogenesis. Journal of Visualized Experiments, 2019, , .	0.3	6
32	Role of Endothelial RhoA in Melanoma and Lung Cancer Transâ€‘endothelial Migration and Metastasis. FASEB Journal, 2019, 33, 368.9.	0.5	0
33	Endothelial RhoA Regulates Breast Cancer Metastasis. FASEB Journal, 2019, 33, 647.40.	0.5	0
34	Mechanisms of angiogenesis in microbe-regulated inflammatory and neoplastic conditions. Angiogenesis, 2018, 21, 1-14.	7.2	105
35	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. Oncotarget, 2018, 9, 26109-26129.	1.8	17
36	Analogues of penfluridol as chemotherapeutic agents with reduced central nervous system activity. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 3652-3657.	2.2	7

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37	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
38	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
39	The homozygous CX3CR1-M280 mutation impairs human monocyte survival. <i>JCI Insight</i> , 2018, 3, .	5.0	25
40	Penfluridol induces endoplasmic reticulum stress leading to autophagy in pancreatic cancer. <i>Tumor Biology</i> , 2017, 39, 101042831770551.	1.8	27
41	Epidermal loss of $\text{G}\hat{\alpha}\text{q}$ confers a migratory and differentiation defect in keratinocytes. <i>PLoS ONE</i> , 2017, 12, e0173692.	2.5	8
42	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
43	Extrapulmonary <i>Aspergillus</i> infection in patients with CARD9 deficiency. <i>JCI Insight</i> , 2016, 1, e89890.	5.0	141
44	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
45	RhoA and ROCK mediate histamine-induced vascular leakage and anaphylactic shock. <i>Nature Communications</i> , 2015, 6, 6725.	12.8	141
46	SDF-1/CXCL12 induces directional cell migration and spontaneous metastasis via a CXCR4/ $\text{G}\hat{\alpha}\text{i}$ /mTORC1 axis. <i>FASEB Journal</i> , 2015, 29, 1056-1068.	0.5	64
47	CARD9-Dependent Neutrophil Recruitment Protects against Fungal Invasion of the Central Nervous System. <i>PLoS Pathogens</i> , 2015, 11, e1005293.	4.7	184
48	Heterotrimeric G-protein alpha-12 ($\text{G}\hat{\alpha}\text{12}$) subunit promotes oral cancer metastasis. <i>Oncotarget</i> , 2014, 5, 9626-9640.	1.8	26
49	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
50	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
51	Interplay between $\hat{\alpha}\text{v}\hat{\beta}3$ Integrin and Nucleolin Regulates Human Endothelial and Glioma Cell Migration. <i>Journal of Biological Chemistry</i> , 2013, 288, 343-354.	3.4	55
52	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
53	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
54	Pleiotrophin expression and role in physiological angiogenesis in vivo: potential involvement of nucleolin. <i>Vascular Cell</i> , 2012, 4, 4.	0.2	33

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55	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
56	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
57	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
58	Roles of Pleiotrophin in Tumor growth and Angiogenesis. <i>European Cytokine Network</i> , 2009, 20, 180-190.	2.0	72
59	Integrin $\alpha_5\beta_1$ is a pleiotrophin receptor required for pleiotrophin-induced endothelial cell migration through receptor protein tyrosine phosphatase SH-PTPase . <i>FASEB Journal</i> , 2009, 23, 1459-1469.	0.5	80
60	Nitric oxide stimulates migration of human endothelial and prostate cancer cells through up-regulation of pleiotrophin expression and its receptor protein tyrosine phosphatase SH-PTPase . <i>International Journal of Cancer</i> , 2009, 124, 1785-1793.	5.1	51
61	Heparin affinity 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
62	Heparin-Binding Protein Pleiotrophin: An Important player in the Angiogenic Process. <i>Connective Tissue Research</i> , 2008, 49, 149-152.	2.3	7
63	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