

Xiaomeng Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2891247/publications.pdf>

Version: 2024-02-01

37
papers

1,611
citations

361045
20
h-index

344852
36
g-index

58
all docs

58
docs citations

58
times ranked

2832
citing authors

#	ARTICLE	IF	CITATIONS
1	LRG1 promotes angiogenesis by modulating endothelial TGF- β ² signalling. <i>Nature</i> , 2013, 499, 306-311.	13.7	403
2	Self-implantable double-layered micro-drug-reservoirs for efficient and controlled ocular drug delivery. <i>Nature Communications</i> , 2018, 9, 4433.	5.8	209
3	Elevation of a Novel Angiogenic Factor, Leucine-Rich- α ² -Glycoprotein (LRG1), Is Associated With Arterial Stiffness, Endothelial Dysfunction, and Peripheral Arterial Disease in Patients With Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 1586-1593.	1.8	70
4	Surface Enhanced Raman Spectroscopy Based Biosensor with a Microneedle Array for Minimally Invasive <i>In Vivo</i> Glucose Measurements. <i>ACS Sensors</i> , 2020, 5, 1777-1785.	4.0	69
5	A tunable microfluidic 3D stenosis model to study leukocyte-endothelial interactions in atherosclerosis. <i>APL Bioengineering</i> , 2018, 2, 016103.	3.3	57
6	Sustained delivery of anti-VEGFs from thermogel depots inhibits angiogenesis without the need for multiple injections. <i>Biomaterials Science</i> , 2019, 7, 4603-4614.	2.6	56
7	The role of TGF- β ² 1 and LRG1 in cardiac remodelling and heart failure. <i>Biophysical Reviews</i> , 2015, 7, 91-104.	1.5	47
8	Gatorbulin-1, a distinct cyclodepsipeptide chemotype, targets a seventh tubulin pharmacological site. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	47
9	Transdermal delivery of small interfering RNAs with topically applied mesoporous silica nanoparticles for facile skin cancer treatment. <i>Nanoscale</i> , 2019, 11, 17041-17051.	2.8	44
10	Chromosomal instability-induced senescence potentiates cell non-autonomous tumourigenic effects. <i>Oncogenesis</i> , 2018, 7, 62.	2.1	42
11	A Multifunctional Role of Leucine-Rich α ² -Glycoprotein 1 in Cutaneous Wound Healing Under Normal and Diabetic Conditions. <i>Diabetes</i> , 2020, 69, 2467-2480.	0.3	41
12	Cavin-2 regulates the activity and stability of endothelial nitric-oxide synthase (eNOS) in angiogenesis. <i>Journal of Biological Chemistry</i> , 2017, 292, 17760-17776.	1.6	40
13	A Role of Agrin in Maintaining the Stability of Vascular Endothelial Growth Factor Receptor-2 during Tumor Angiogenesis. <i>Cell Reports</i> , 2019, 28, 949-965.e7.	2.9	34
14	Cyclooxygenase-2 Selectively Controls Renal Blood Flow Through a Novel PPAR- β -Dependent Vasodilator Pathway. <i>Hypertension</i> , 2018, 71, 297-305.	1.3	32
15	Apelin Is Required for Non-Neovascular Remodeling in the Retina. <i>American Journal of Pathology</i> , 2012, 180, 399-409.	1.9	31
16	The fetal mouse metatarsal bone explant as a model of angiogenesis. <i>Nature Protocols</i> , 2015, 10, 1459-1473.	5.5	29
17	Collaborative Regulation of LRG1 by TGF- β ² 1 and PPAR- β Modulates Chronic Pressure Overload-Induced Cardiac Fibrosis. <i>Circulation: Heart Failure</i> , 2019, 12, e005962.	1.6	29
18	Selective deletion of PPAR- β in fibroblasts causes dermal fibrosis by attenuated LRG1 expression. <i>Cell Discovery</i> , 2018, 4, 15.	3.1	28

#	ARTICLE	IF	CITATIONS
19	A novel method for segmenting growth of cells in sheared endothelial culture reveals the secretion of an anti-inflammatory mediator. <i>Journal of Biological Engineering</i> , 2018, 12, 15.	2.0	26
20	Autophagy Governs Protumorigenic Effects of Mitotic Slippage-induced Senescence. <i>Molecular Cancer Research</i> , 2018, 16, 1625-1640.	1.5	23
21	Recapitulating atherogenic flow disturbances and vascular inflammation in a perfusable 3D stenosis model. <i>Biofabrication</i> , 2020, 12, 045009.	3.7	22
22	A Graphene Quantum Dots-Hypochlorite Hybrid System for the Quantitative Fluorescent Determination of Total Antioxidant Capacity. <i>Small</i> , 2017, 13, 1700709.	5.2	21
23	Islet macrophages are associated with islet vascular remodeling and compensatory hyperinsulinemia during diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E1108-E1120.	1.8	21
24	Temporal pressure enhanced topical drug delivery through micropore formation. <i>Science Advances</i> , 2020, 6, eaaz6919.	4.7	21
25	LRG1 destabilizes tumor vessels and restricts immunotherapeutic potency. <i>Med</i> , 2021, 2, 1231-1252.e10.	2.2	19
26	The Role of PPAR γ in Melanoma Metastasis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2860.	1.8	17
27	Mechanistic definition of the cardiovascular mPGES-1/COX-2/ADMA axis. <i>Cardiovascular Research</i> , 2020, 116, 1972-1980.	1.8	16
28	LRG1 Promotes Metastatic Dissemination of Melanoma through Regulating EGFR/STAT3 Signalling. <i>Cancers</i> , 2021, 13, 3279.	1.7	15
29	Apratoxin S4 Inspired by a Marine Natural Product, a New Treatment Option for Ocular Angiogenic Diseases. , 2019, 60, 3254.		12
30	Molecular Beacon Gold Nanosensors for Leucine-Rich Alpha-2-Glycoprotein-1 Detection in Pathological Angiogenesis. <i>ACS Sensors</i> , 2018, 3, 1647-1655.	4.0	11
31	Leucine-Rich α -2-Glycoprotein 1 Suppresses Endothelial Cell Activation Through ADAM10-Mediated Shedding of TNF- α Receptor. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 706143.	1.8	11
32	Deficiency in fibroblast PPAR γ reduces nonmelanoma skin cancers in mice. <i>Cell Death and Differentiation</i> , 2020, 27, 2668-2680.	5.0	10
33	High Glucose Restraint of Acetylcholine-Induced Keratinocyte Epithelial-Mesenchymal Transition Is Mitigated by p38 Inhibition. <i>Journal of Investigative Dermatology</i> , 2021, 141, 1438-1449.e9.	0.3	7
34	Investigating the Role of PPAR γ in Retinal Vascular Remodeling Using Ppar γ -Deficient Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4403.	1.8	6
35	Epigenetics: The master control of endothelial cell fate in cancer. <i>Life Sciences</i> , 2019, 232, 116652.	2.0	5
36	Segmenting Growth of Endothelial Cells in 6-Well Plates on an Orbital Shaker for Mechanobiological Studies. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	5

#	ARTICLE	IF	CITATIONS
37	Largazole Inhibits Ocular Angiogenesis by Modulating the Expression of VEGFR2 and p21. Marine Drugs, 2021, 19, 471.	2.2	3