

Bi-Sen Ding

List of Publications by Year in descending order

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55
papers

6,412
citations

117571

34
h-index

155592

55
g-index

57
all docs

57
docs citations

57
times ranked

9085
citing authors

#	ARTICLE	IF	CITATIONS
1	Dopamine receptor D2 antagonism normalizes profibrotic macrophage-endothelial crosstalk in non-alcoholic steatohepatitis. <i>Journal of Hepatology</i> , 2022, 76, 394-406.	1.8	39
2	Histone variant H3.3 maintains adult haematopoietic stem cell homeostasis by enforcing chromatin adaptability. <i>Nature Cell Biology</i> , 2022, 24, 99-111.	4.6	17
3	Targeting fibrosis: mechanisms and clinical trials. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	7.1	97
4	Aging Reprograms the Hematopoietic-Vascular Niche to Impede Regeneration and Promote Fibrosis. <i>Cell Metabolism</i> , 2021, 33, 395-410.e4.	7.2	46
5	Selective Targeting of Vascular Endothelial YAP Activity Blocks EndMT and Ameliorates Unilateral Ureteral Obstruction-Induced Kidney Fibrosis. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 1066-1074.	2.5	16
6	Reversal of emphysema by restoration of pulmonary endothelial cells. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	37
7	Targeting epigenetically maladapted vascular niche alleviates liver fibrosis in nonalcoholic steatohepatitis. <i>Science Translational Medicine</i> , 2021, 13, eabd1206.	5.8	24
8	ADAMTS18 Deficiency Leads to Pulmonary Hypoplasia and Bronchial Microfibril Accumulation. <i>IScience</i> , 2020, 23, 101472.	1.9	13
9	An epigenetic mechanism underlying chromosome 17p deletion-driven tumorigenesis. <i>Cancer Discovery</i> , 2020, 11, CD-20-0336.	7.7	15
10	Aging Suppresses Sphingosine-1-Phosphate Chaperone ApoM in Circulation Resulting in Maladaptive Organ Repair. <i>Developmental Cell</i> , 2020, 53, 677-690.e4.	3.1	25
11	Identification of Interferon Receptor IFNAR2 As a Novel HCV Entry Factor by Using Chemical Probes. <i>ACS Chemical Biology</i> , 2020, 15, 1232-1241.	1.6	5
12	Tumor cells induce LAMP2a expression in tumor-associated macrophage for cancer progression. <i>EBioMedicine</i> , 2019, 40, 118-134.	2.7	50
13	Manmade Macrophage Offers a New Therapy for Pulmonary Alveolar Proteinosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 297-298.	2.5	2
14	Extracellular matrix in lung development, homeostasis and disease. <i>Matrix Biology</i> , 2018, 73, 77-104.	1.5	200
15	Testicular endothelial cells are a critical population in the germline stem cell niche. <i>Nature Communications</i> , 2018, 9, 4379.	5.8	85
16	Loss of Endothelial CXCR7 Impairs Vascular Homeostasis and Cardiac Remodeling After Myocardial Infarction. <i>Circulation</i> , 2017, 135, 1253-1264.	1.6	73
17	Platelets prime hematopoieticâ€“vascular niche to drive angiocrine-mediated liver regeneration. <i>Signal Transduction and Targeted Therapy</i> , 2017, 2, .	7.1	26
18	Catheter-directed Intraportal Delivery of Endothelial Cell Therapy for Liver Regeneration: A Feasibility Study in a Large-Animal Model of Cirrhosis. <i>Radiology</i> , 2017, 285, 114-123.	3.6	9

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19	Molecular Checkpoint Decisions Made by Subverted Vascular Niche Transform Indolent Tumor Cells into Chemoresistant Cancer Stem Cells. <i>Cancer Cell</i> , 2017, 31, 110-126.	7.7	108
20	Targeting the vascular and perivascular niches as a regenerative therapy for lung and liver fibrosis. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	91
21	A proangiogenic signaling axis in myeloid cells promotes malignant progression of glioma. <i>Journal of Clinical Investigation</i> , 2017, 127, 1826-1838.	3.9	34
22	Endothelial jagged-2 sustains hematopoietic stem and progenitor reconstitution after myelosuppression. <i>Journal of Clinical Investigation</i> , 2017, 127, 4242-4256.	3.9	63
23	HDL activation of endothelial sphingosine-1-phosphate receptor-1 (S1P1) promotes regeneration and suppresses fibrosis in the liver. <i>JCI Insight</i> , 2016, 1, e87058.	2.3	59
24	An activated form of ADAM10 is tumor selective and regulates cancer stem-like cells and tumor growth. <i>Journal of Experimental Medicine</i> , 2016, 213, 1741-1757.	4.2	55
25	Angiocrine functions of organ-specific endothelial cells. <i>Nature</i> , 2016, 529, 316-325.	13.7	717
26	Targeting of the pulmonary capillary vascular niche promotes lung alveolar repair and ameliorates fibrosis. <i>Nature Medicine</i> , 2016, 22, 154-162.	15.2	201
27	Endothelial Cells Control Pancreatic Cell Fate at Defined Stages through EGFL7 Signaling. <i>Stem Cell Reports</i> , 2015, 4, 181-189.	2.3	37
28	Platelet-derived SDF-1 primes the pulmonary capillary vascular niche to drive lung alveolar regeneration. <i>Nature Cell Biology</i> , 2015, 17, 123-136.	4.6	120
29	Endothelial MMP14 is required for endothelial dependent growth support of human airway basal cells. <i>Journal of Cell Science</i> , 2015, 128, 2983-8.	1.2	13
30	Dual targeting of therapeutics to endothelial cells: collaborative enhancement of delivery and effect. <i>FASEB Journal</i> , 2015, 29, 3483-3492.	0.2	25
31	Angiocrine Factors Deployed by Tumor Vascular Niche Induce B Cell Lymphoma Invasiveness and Chemoresistance. <i>Cancer Cell</i> , 2014, 25, 350-365.	7.7	203
32	Divergent angiocrine signals from vascular niche balance liver regeneration and fibrosis. <i>Nature</i> , 2014, 505, 97-102.	13.7	496
33	Akt Suppression of TGF β 2 Signaling Contributes to the Maintenance of Vascular Identity in Embryonic Stem Cell-Derived Endothelial Cells. <i>Stem Cells</i> , 2014, 32, 177-190.	1.4	20
34	Molecular Signatures of Tissue-Specific Microvascular Endothelial Cell Heterogeneity in Organ Maintenance and Regeneration. <i>Developmental Cell</i> , 2013, 26, 204-219.	3.1	548
35	Platelet Endothelial Cell Adhesion Molecule Targeted Oxidant-Resistant Mutant Thrombomodulin Fusion Protein with Enhanced Potency In Vitro and In Vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013, 347, 339-345.	1.3	19
36	Human ESC-derived hemogenic endothelial cells undergo distinct waves of endothelial to hematopoietic transition. <i>Blood</i> , 2013, 121, 770-780.	0.6	78

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37	Vascular Immunotargeting to Endothelial Determinant ICAM-1 Enables Optimal Partnering of Recombinant scFv-Thrombomodulin Fusion with Endogenous Cofactor. PLoS ONE, 2013, 8, e80110.	1.1	48
38	Prominin 1/CD133 Endothelium Sustains Growth of Proneural Glioma. PLoS ONE, 2013, 8, e62150.	1.1	15
39	Targeting recombinant thrombomodulin fusion protein to red blood cells provides multifaceted thromboprophylaxis. Blood, 2012, 119, 4779-4785.	0.6	60
40	Efficient Direct Reprogramming of Mature Amniotic Cells into Endothelial Cells by ETS Factors and TGF β 2 Suppression. Cell, 2012, 151, 559-575.	13.5	212
41	Flow-Regulated Endothelial S1P Receptor-1 Signaling Sustains Vascular Development. Developmental Cell, 2012, 23, 600-610.	3.1	269
42	Airway basal cell vascular endothelial growth factor-mediated cross-talk regulates endothelial cell-dependent growth support of human airway basal cells. Cellular and Molecular Life Sciences, 2012, 69, 2217-2231.	2.4	27
43	Endothelial-Derived Angiocrine Signals Induce and Sustain Regenerative Lung Alveolarization. Cell, 2011, 147, 539-553.	13.5	436
44	A target for antiangiogenic therapy: Vascular endothelium derived from glioblastoma. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4271-4272.	3.3	13
45	Sustained thromboprophylaxis mediated by an RBC-targeted pro-urokinase zymogen activated at the site of clot formation. Blood, 2010, 115, 5241-5248.	0.6	87
46	Inductive angiocrine signals from sinusoidal endothelium are required for liver regeneration. Nature, 2010, 468, 310-315.	13.7	686
47	Angiocrine factors from Akt-activated endothelial cells balance self-renewal and differentiation of haematopoietic stem cells. Nature Cell Biology, 2010, 12, 1046-1056.	4.6	343
48	Targeting of a Mutant Plasminogen Activator to Circulating Red Blood Cells for Prophylactic Fibrinolysis. Journal of Pharmacology and Experimental Therapeutics, 2010, 332, 1022-1031.	1.3	51
49	Anchoring Fusion Thrombomodulin to the Endothelial Lumen Protects against Injury-induced Lung Thrombosis and Inflammation. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 247-256.	2.5	55
50	Targeted delivery of therapeutics to endothelium. Cell and Tissue Research, 2009, 335, 283-300.	1.5	100
51	Cerebrovascular Thromboprophylaxis in Mice by Erythrocyte-Coupled Tissue-Type Plasminogen Activator. Circulation, 2008, 118, 1442-1449.	1.6	77
52	Prophylactic thrombolysis by thrombin-activated latent prourokinase targeted to PECAM-1 in the pulmonary vasculature. Blood, 2008, 111, 1999-2006.	0.6	46
53	Delivery of Anti-Platelet-Endothelial Cell Adhesion Molecule Single-Chain Variable Fragment-Urokinase Fusion Protein to the Cerebral Vasculature Lyses Arterial Clots and Attenuates Postischemic Brain Edema. Journal of Pharmacology and Experimental Therapeutics, 2007, 321, 947-952.	1.3	45
54	Advanced Drug Delivery Systems That Target The Vascular Endothelium. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2006, 6, 98-112.	3.4	147

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55	Lung Endothelium Targeting for Pulmonary Embolism Thrombolysis. <i>Circulation</i> , 2003, 108, 2892-2898.	1.6	27