

# Bi-Sen Ding

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Angiocrine functions of organ-specific endothelial cells. <i>Nature</i> , 2016, 529, 316-325.	13.7	717
2	Inductive angiocrine signals from sinusoidal endothelium are required for liver regeneration. <i>Nature</i> , 2010, 468, 310-315.	13.7	686
3	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
4	Divergent angiocrine signals from vascular niche balance liver regeneration and fibrosis. <i>Nature</i> , 2014, 505, 97-102.	13.7	496
5	Endothelial-Derived Angiocrine Signals Induce and Sustain Regenerative Lung Alveolarization. <i>Cell</i> , 2011, 147, 539-553.	13.5	436
6	Angiocrine factors from Akt-activated endothelial cells balance self-renewal and differentiation of haematopoietic stem cells. <i>Nature Cell Biology</i> , 2010, 12, 1046-1056.	4.6	343
7	Flow-Regulated Endothelial S1P Receptor-1 Signaling Sustains Vascular Development. <i>Developmental Cell</i> , 2012, 23, 600-610.	3.1	269
8	Efficient Direct Reprogramming of Mature Amniotic Cells into Endothelial Cells by ETS Factors and TGF $\beta$ 2 Suppression. <i>Cell</i> , 2012, 151, 559-575.	13.5	212
9	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
10	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
11	Extracellular matrix in lung development, homeostasis and disease. <i>Matrix Biology</i> , 2018, 73, 77-104.	1.5	200
12	Advanced Drug Delivery Systems That Target The Vascular Endothelium. <i>Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics</i> , 2006, 6, 98-112.	3.4	147
13	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
14	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
15	Targeted delivery of therapeutics to endothelium. <i>Cell and Tissue Research</i> , 2009, 335, 283-300.	1.5	100
16	Targeting fibrosis: mechanisms and clinical trials. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	7.1	97
17	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
18	Sustained thromboprophylaxis mediated by an RBC-targeted pro-urokinase zymogen activated at the site of clot formation. <i>Blood</i> , 2010, 115, 5241-5248.	0.6	87

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19	Testicular endothelial cells are a critical population in the germline stem cell niche. <i>Nature Communications</i> , 2018, 9, 4379.	5.8	85
20	Human ESC-derived hemogenic endothelial cells undergo distinct waves of endothelial to hematopoietic transition. <i>Blood</i> , 2013, 121, 770-780.	0.6	78
21	Cerebrovascular Thromboprophylaxis in Mice by Erythrocyte-Coupled Tissue-Type Plasminogen Activator. <i>Circulation</i> , 2008, 118, 1442-1449.	1.6	77
22	Loss of Endothelial CXCR7 Impairs Vascular Homeostasis and Cardiac Remodeling After Myocardial Infarction. <i>Circulation</i> , 2017, 135, 1253-1264.	1.6	73
23	Endothelial jagged-2 sustains hematopoietic stem and progenitor reconstitution after myelosuppression. <i>Journal of Clinical Investigation</i> , 2017, 127, 4242-4256.	3.9	63
24	Targeting recombinant thrombomodulin fusion protein to red blood cells provides multifaceted thromboprophylaxis. <i>Blood</i> , 2012, 119, 4779-4785.	0.6	60
25	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
26	Anchoring Fusion Thrombomodulin to the Endothelial Lumen Protects against Injury-induced Lung Thrombosis and Inflammation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 247-256.	2.5	55
27	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
28	Targeting of a Mutant Plasminogen Activator to Circulating Red Blood Cells for Prophylactic Fibrinolysis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 1022-1031.	1.3	51
29	Tumor cells induce LAMP2a expression in tumor-associated macrophage for cancer progression. <i>EBioMedicine</i> , 2019, 40, 118-134.	2.7	50
30	Vascular Immunotargeting to Endothelial Determinant ICAM-1 Enables Optimal Partnering of Recombinant scFv-Thrombomodulin Fusion with Endogenous Cofactor. <i>PLoS ONE</i> , 2013, 8, e80110.	1.1	48
31	Prophylactic thrombolysis by thrombin-activated latent prourokinase targeted to PECAM-1 in the pulmonary vasculature. <i>Blood</i> , 2008, 111, 1999-2006.	0.6	46
32	Aging Reprograms the Hematopoietic-Vascular Niche to Impede Regeneration and Promote Fibrosis. <i>Cell Metabolism</i> , 2021, 33, 395-410.e4.	7.2	46
33	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. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 321, 947-952.	1.3	45
34	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
35	Endothelial Cells Control Pancreatic Cell Fate at Defined Stages through EGFL7 Signaling. <i>Stem Cell Reports</i> , 2015, 4, 181-189.	2.3	37
36	Reversal of emphysema by restoration of pulmonary endothelial cells. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	37

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37	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
38	Lung Endothelium Targeting for Pulmonary Embolism Thrombolysis. <i>Circulation</i> , 2003, 108, 2892-2898.	1.6	27
39	Airway basal cell vascular endothelial growth factor-mediated cross-talk regulates endothelial cell-dependent growth support of human airway basal cells. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 2217-2231.	2.4	27
40	Platelets prime hematopoieticâ€“vascular niche to drive angiocrine-mediated liver regeneration. <i>Signal Transduction and Targeted Therapy</i> , 2017, 2, .	7.1	26
41	Dual targeting of therapeutics to endothelial cells: collaborative enhancement of delivery and effect. <i>FASEB Journal</i> , 2015, 29, 3483-3492.	0.2	25
42	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
43	Targeting epigenetically maladapted vascular niche alleviates liver fibrosis in nonalcoholic steatohepatitis. <i>Science Translational Medicine</i> , 2021, 13, eabd1206.	5.8	24
44	Akt Suppression of TGFÎ² 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
45	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
46	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
47	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
48	An epigenetic mechanism underlying chromosome 17p deletion-driven tumorigenesis. <i>Cancer Discovery</i> , 2020, 11, CD-20-0336.	7.7	15
49	Prominin 1/CD133 Endothelium Sustains Growth of Proneural Glioma. <i>PLoS ONE</i> , 2013, 8, e62150.	1.1	15
50	A target for antiangiogenic therapy: Vascular endothelium derived from glioblastoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4271-4272.	3.3	13
51	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
52	ADAMTS18 Deficiency Leads to Pulmonary Hypoplasia and Bronchial Microfibril Accumulation. <i>IScience</i> , 2020, 23, 101472.	1.9	13
53	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
54	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

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55	Manmade Macrophage Offers a New Therapy for Pulmonary Alveolar Proteinosis. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 297-298.	2.5	2