

# Bowen Wang

## List of Publications by Year in descending order

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28  
papers

505  
citations

686830

13  
h-index

713013

21  
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29  
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29  
docs citations

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times ranked

689  
citing authors

#	ARTICLE	IF	CITATIONS
1	BET Bromodomain Blockade Mitigates Intimal Hyperplasia in Rat Carotid Arteries. <i>EBioMedicine</i> , 2015, 2, 1650-1661.	2.7	57
2	Low-temperature combustion synthesis and UV treatment processed p-type Li:NiO <sub>x</sub> active semiconductors for high-performance electronics. <i>Journal of Materials Chemistry C</i> , 2018, 6, 12584-12591.	2.7	38
3	A paradigm of endothelium-protective and stent-free anti-restenotic therapy using biomimetic nanoclusters. <i>Biomaterials</i> , 2018, 178, 293-301.	5.7	36
4	HDAC6 Regulates the MRTF-A/SRF Axis and Vascular Smooth Muscle Cell Plasticity. <i>JACC Basic To Translational Science</i> , 2018, 3, 782-795.	1.9	30
5	Unimolecular Micelle-Based Hybrid System for Perivascular Drug Delivery Produces Long-Term Efficacy for Neointima Attenuation in Rats. <i>Biomacromolecules</i> , 2017, 18, 2205-2213.	2.6	28
6	Halofuginone Stimulates Adaptive Remodeling and Preserves Re-Endothelialization in Balloon-Injured Rat Carotid Arteries. <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 594-601.	1.4	24
7	Local CXCR4 Upregulation in the Injured Arterial Wall Contributes to Intimal Hyperplasia. <i>Stem Cells</i> , 2016, 34, 2744-2757.	1.4	23
8	A Human Pluripotent Stem Cell-Based Screen for Smooth Muscle Cell Differentiation and Maturation Identifies Inhibitors of Intimal Hyperplasia. <i>Stem Cell Reports</i> , 2019, 12, 1269-1281.	2.3	23
9	Photoreceptor protection via blockade of BET epigenetic readers in a murine model of inherited retinal degeneration. <i>Journal of Neuroinflammation</i> , 2017, 14, 14.	3.1	22
10	Restenosis Inhibition and Re-differentiation of TGF $\beta$ <sup>2</sup> /Smad3-activated Smooth Muscle Cells by Resveratrol. <i>Scientific Reports</i> , 2017, 7, 41916.	1.6	20
11	The BD2 domain of BRD4 is a determinant in EndoMT and vein graft neointima formation. <i>Cellular Signalling</i> , 2019, 61, 20-29.	1.7	20
12	A hierarchical and collaborative BRD4/CEBPD partnership governs vascular smooth muscle cell inflammation. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 21, 54-66.	1.8	17
13	PERK Inhibition Mitigates Restenosis and Thrombosis. <i>JACC Basic To Translational Science</i> , 2020, 5, 245-263.	1.9	16
14	High-Throughput Screening Identifies Idarubicin as a Preferential Inhibitor of Smooth Muscle versus Endothelial Cell Proliferation. <i>PLoS ONE</i> , 2014, 9, e89349.	1.1	15
15	Recent progress on nanoparticles for targeted aneurysm treatment and imaging. <i>Biomaterials</i> , 2021, 265, 120406.	5.7	15
16	Mass Spectrometric Imaging Reveals Temporal and Spatial Dynamics of Bioactive Lipids in Arteries Undergoing Restenosis. <i>Journal of Proteome Research</i> , 2019, 18, 1669-1678.	1.8	14
17	Analysis of Combined Transcriptomes Identifies Gene Modules that Differentially Respond to Pathogenic Stimulation of Vascular Smooth Muscle and Endothelial Cells. <i>Scientific Reports</i> , 2018, 8, 395.	1.6	13
18	Biomimetic, ROS-detonable nanoclusters – A multimodal nanoplatform for anti-restenotic therapy. <i>Journal of Controlled Release</i> , 2021, 338, 295-306.	4.8	13

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19	BRD2 regulation of sigma-2 receptor upon cholesterol deprivation. Life Science Alliance, 2021, 4, e201900540.	1.3	13
20	A Murine Model of Arterial Restenosis: Technical Aspects of Femoral Wire Injury. Journal of Visualized Experiments, 2015, , .	0.2	12
21	The permissive role of TCTP in PM2.5/NNK-induced epithelialâ€“mesenchymal transition in lung cells. Journal of Translational Medicine, 2020, 18, 66.	1.8	12
22	Nullifying epigenetic writer DOT1L attenuates neointimal hyperplasia. Atherosclerosis, 2020, 308, 22-31.	0.4	11
23	PERK Inhibition Promotes Post-angioplasty Re-endothelialization via Modulating SMC Phenotype Changes. Journal of Surgical Research, 2021, 257, 294-305.	0.8	7
24	A Role for Polo-Like Kinase 4 in Vascular Fibroblast Cell-Type Transition. JACC Basic To Translational Science, 2021, 6, 257-283.	1.9	7
25	An adventitial painting modality of local drug delivery to abate intimal hyperplasia. Biomaterials, 2021, 275, 120968.	5.7	7
26	Angioplasty induces epigenomic remodeling in injured arteries. Life Science Alliance, 2022, 5, e202101114.	1.3	6
27	Abstract 332: Inhibition of the Enhancer of Zeste Homolog Family Mitigates Intimal Hyperplasia in Rat Carotid Arteries. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, .	1.1	2
28	Improving the water-resistance of MgO-based metalâ€“insulatorâ€“metal capacitors by inserting a BeO thin film grown <i>via</i> atomic layer deposition. Journal of Materials Chemistry C, 2022, 10, 6611-6620.	2.7	1