Bernd Uhl

List of Publications by Year in descending order

29 papers	1,517 citations	471509 17 h-index	501196 28 g-index
31 all docs	31 docs citations	31 times ranked	3025 citing authors

#	Article	IF	Citations
1	Histones from Dying Renal Cells Aggravate Kidney Injury via TLR2 and TLR4. Journal of the American Society of Nephrology: JASN, 2012, 23, 1375-1388.	6.1	365
2	Aged neutrophils contribute to the first line of defense in the acute inflammatory response. Blood, 2016, 128, 2327-2337.	1.4	187
3	Platelets Guide Leukocytes to Their Sites of Extravasation. PLoS Biology, 2016, 14, e1002459.	5.6	157
4	Epithelial-type systemic breast carcinoma cells with a restricted mesenchymal transition are a major source of metastasis. Science Advances, 2019, 5, eaav4275.	10.3	139
5	Endogenous and exogenous pentraxin-3 limits postischemic acute and chronic kidney injury. Kidney International, 2013, 83, 647-661.	5.2	87
6	Plasmin Inhibitors Prevent Leukocyte Accumulation and Remodeling Events in the Postischemic Microvasculature. PLoS ONE, 2011, 6, e17229.	2.5	54
7	Plasminogen Activator Inhibitor-1 Promotes Neutrophil Infiltration and Tissue Injury on Ischemiaâ€“Reperfusion. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 829-842.	2.4	51
8	Vascular surveillance by haptotactic blood platelets in inflammation and infection. Nature Communications, 2020, 11, 5778.	12.8	48
9	Endothelial Dysfunction, and A Prothrombotic, Proinflammatory Phenotype Is Caused by Loss of Mitochondrial Thioredoxin Reductase in Endothelium. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1891-1899.	2.4	45
10	Tissue Plasminogen Activator Promotes Postischemic Neutrophil Recruitment via Its Proteolytic and Nonproteolytic Properties. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1495-1504.	2.4	44
11	The contribution of the capillary endothelium to blood clearance and tissue deposition of anionic quantum dots in vivo. Biomaterials, 2010, 31, 6692-6700.	11.4	43
12	Urokinase-Type Plasminogen Activator Promotes Paracellular Transmigration of Neutrophils Via Mac-1, But Independently of Urokinase-Type Plasminogen Activator Receptor. Circulation, 2011, 124, 1848-1859.	1.6	40
13	Matrix metalloproteinases modulate ameboid-like migration of neutrophils through inflamed interstitial tissue. Blood, 2013, 122, 770-780.	1.4	36
14	Roscovitine blocks leukocyte extravasation by inhibition of cyclinâ€dependent kinases 5 and 9. British Journal of Pharmacology, 2011, 163, 1086-1098.	5.4	35
15	The glycocalyx regulates the uptake of nanoparticles by human endothelial cells in vitro. Nanomedicine, 2017, 12, 207-217.	3.3	29
16	Spatiotemporal Expression Dynamics of Selectins Govern the Sequential Extravasation of Neutrophils and Monocytes in the Acute Inflammatory Response. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 899-910.	2.4	27
17	The Endothelial Glycocalyx Controls Interactions of Quantum Dots with the Endothelium and Their Translocation across the Bloodâ€“Tissue Border. ACS Nano, 2017, 11, 1498-1508.	14.6	24
18	Neutrophils promote venular thrombosis by shaping the rheological environment for platelet aggregation. Scientific Reports, 2019, 9, 15932.	3.3	22

#	Article	IF	Citations
19	Carbonâ€based nanomaterials accelerate arteriolar thrombus formation in the murine microcirculation independently of their shape. Journal of Applied Toxicology, 2014, 34, 1167-1176.	2.8	15
20	Vitronectin promotes the vascularization of porous polyethylene biomaterials. Acta Biomaterialia, 2018, 82, 24-33.	8.3	11
21	In situ targeting of dendritic cells sets tolerogenic environment and ameliorates CD4 + Tâ€cell response in the postischemic liver. FASEB Journal, 2017, 31, 4796-4808.	0.5	9
22	Vitronectin stabilizes intravascular adhesion of neutrophils by coordinating beta2 integrin clustering. Haematologica, 2020, 106, haematol.2019.226241.	3.5	9
23	Uncoupled biological and chronological aging of neutrophils in cancer promotes tumor progression. , 2021, 9, e003495.		7
24	Multiphoton Microscopy of Nonfluorescent Nanoparticles In Vitro and In Vivo. Small, 2016, 12, 3245-3257.	10.0	6
25	Extratubular Polymerized Uromodulin Induces Leukocyte Recruitment and Inflammation In Vivo. Frontiers in Immunology, 2020, 11, 588245.	4.8	6
26	Priming of Anti-tumor Immune Mechanisms by Radiotherapy Is Augmented by Inhibition of Heat Shock Protein 90. Frontiers in Oncology, 2020, 10, 1668.	2.8	5
27	uPAâ€PAIâ€1 heteromerization promotes breast cancer progression by attracting tumorigenic neutrophils. EMBO Molecular Medicine, 2021, 13, e13110.	6.9	5
28	The surface chemistry determines the spatioâ€“temporal interaction dynamics of quantum dots in atherosclerotic lesions. Nanomedicine, 2018, 13, 623-638.	3.3	4
29	A Novel Experimental Approach for In Vivo Analyses of the Salivary Gland Microvasculature. Frontiers in Immunology, 2020, 11, 604470.	4.8	1