Manja Wobus

List of Publications by Year
in descending order

50 papers	1,916 citations	361413 20 h-index	265206 42 g-index
53 all docs	53 docs citations	53 times ranked	3149 citing authors

#	Article	IF	Citations
1	Immunomodulatory Properties of Mesenchymal Stromal Cells: An Update. Frontiers in Cell and Developmental Biology, 2021, 9, 637725.	3.7	76
2	Displaying Lipid Chains in a Peptideâ€“Polysaccharide-Based Self-Assembled Hydrogel Network. Chemistry of Materials, 2021, 33, 2756-2768.	6.7	10
3	Luspatercept restores SDF-1-mediated hematopoietic support by MDS-derived mesenchymal stromal cells. Leukemia, 2021, 35, 2936-2947.	7.2	15
4	Silk Hydrogel Substrate Stress Relaxation Primes Mesenchymal Stem Cell Behavior in 2D. ACS Applied Materials & Interfaces, 2021, 13, 30420-30433.	8.0	18
5	Myelodysplastic Syndromes and Metabolism. International Journal of Molecular Sciences, 2021, 22, .	4.1	0
6	Myelodysplastic Syndromes and Metabolism. International Journal of Molecular Sciences, 2021, 22, 11250.	4.1	3
7	Long-term in vivo imaging reveals tumor-specific dissemination and captures host tumor interaction in zebrafish xenografts. Scientific Reports, 2020, 10, 13254.	3.3	20
8	A Novel Synthetic, Xenoâ€Free Biomimetic Surface for Serumâ€Free Expansion of Human Mesenchymal Stromal Cells. Advanced Biology, 2020, 4, 2000008.	3.0	7
9	Effects of rigosertib on the osteo-hematopoietic niche in myelodysplastic syndromes. Annals of Hematology, 2019, 98, 2063-2072.	1.8	10
10	Spheroid Culture of Mesenchymal Stromal Cells Results in Morphorheological Properties Appropriate for Improved Microcirculation. Advanced Science, 2019, 6, 1802104.	11.2	31
11	Altered Structure and Function of Mesenchymal Stromal Cell-Derived Extracellular Matrix in MDS Can be Restored By Luspatercept. Blood, 2019, 134, 1699-1699.	1.4	4
12	Mutant TET2 Allele Dosage Affects Response to 5-Azacitidine in Acute Myeloid Leukemia. Blood, 2019, 134, 113-113.	1.4	1
13	Coacervationâ€Mediated Combinatorial Synthesis of Biomatrices for Stem Cell Culture and Directed Differentiation. Advanced Materials, 2018, 30, e1706100.	21.0	18
14	Erythropoietin inhibits osteoblast function in myelodysplastic syndromes via the canonical Wnt pathway. Haematologica, 2018, 103, 61-68.	3.5	14
15	Impairment of the Stromal SDF-1-Mediated Hematopoietic Support By GDF-11 in MDS Is Rescued By Luspatercept. Blood, 2018, 132, 939-939.	1.4	0
16	Secreted protein Del-1 regulates myelopoiesis in the hematopoietic stem cell niche. Journal of Clinical Investigation, 2017, 127, 3624-3639.	8.2	78
17	Human Bone Marrow Stromal Cells: A Reliable, Challenging Tool forIn VitroOsteogenesis and Bone Tissue Engineering Approaches. Stem Cells International, 2016, 2016, 1-14.	2.5	19
18	Functional Interference in the Bone Marrow Microenvironment by Disseminated Breast Cancer Cells. Stem Cells, 2016, 34, 2224-2235.	3.2	13

#	Article	IF	Citations
19	Breast cancer cells compete with hematopoietic stem and progenitor cells for intercellular adhesion molecule 1-mediated binding to the bone marrow microenvironment. Carcinogenesis, 2016, 37, 759-767.	2.8	22
20	In Vivo Chemical Screen in Zebrafish Embryos Identifies Regulators of Hematopoiesis Using a Semiautomated Imaging Assay. Journal of Biomolecular Screening, 2016, 21, 956-964.	2.6	14
21	Histone Deacetylase Inhibitors As Enhancers of Human Hematopoietic Stem Cell Activity. Blood, 2016, 128, 5044-5044.	1.4	0
22	Real-time deformability cytometry: on-the-fly cell mechanical phenotyping. Nature Methods, 2015, 12, 199-202.	19.0	580
23	Perivascular Mesenchymal Stem Cells From the Adult Human Brain Harbor No Instrinsic Neuroectodermal but High Mesodermal Differentiation Potential. Stem Cells Translational Medicine, 2015, 4, 1223-1233.	3.3	17
24	Breast carcinoma cells modulate the chemoattractive activity of human bone marrow-derived mesenchymal stromal cells by interfering with CXCL12. International Journal of Cancer, 2015, 136, 44-54.	5.1	35
25	Association of the EGF-TM7 receptor CD97 expression with FLT3-ITD in acute myeloid leukemia. Oncotarget, 2015, 6, 38804-38815.	1.8	14
26	MicroRNA-23a mediates post-transcriptional regulation of CXCL12 in bone marrow stromal cells. Haematologica, 2014, 99, 997-1005.	3.5	28
27	Interaction of Tumor Cells with the Hematopoietic Stem and Progenitor Cell Niche. Blood, 2014, 124, 5139-5139.	1.4	3
28	CD97 Expression in Acute Myeloid Leukemia Is Associated with FLT3-ITD Mutation Status. Blood, 2014, 124, 1001-1001.	1.4	0
29	Interaction of tumor cells with the hematopoietic stem and progenitor cell niche. Experimental Hematology, 2013, 41, S64.	0.4	0
30	Mesenchymal stromal cells from patients with myelodyplastic syndrome display distinct functional alterations that are modulated by lenalidomide. Haematologica, 2013, 98, 1677-1685.	3.5	67
31	Expression of the melanoma cell adhesion molecule in human mesenchymal stromal cells regulates proliferation, differentiation, and maintenance of hematopoietic stem and progenitor cells. Haematologica, 2013, 98, 505-513.	3.5	32
32	Oxygen tension plays a critical role in the hematopoietic microenvironment in vitro. Haematologica, 2012, 97, 331-339.	3.5	56
33	Impact of lenalidomide on the functional properties of human mesenchymal stromal cells. Experimental Hematology, 2012, 40, 867-876.	0.4	28
34	Differential effects of mixed lymphocyte reaction supernatant on human mesenchymal stromal cells. Experimental Hematology, 2012, 40, 934-944.	0.4	19
35	OXPHOS Supercomplexes as a Hallmark of the Mitochondrial Phenotype of Adipogenic Differentiated Human MSCs. PLoS ONE, 2012, 7, e35160.	2.5	83
36	Differential effect of platelet-rich plasma and fetal calf serum on bone marrow-derived human mesenchymal stromal cells expanded in vitro. Journal of Tissue Engineering and Regenerative Medicine, 2011, 5, 648-654.	2.7	47

#	Article	IF	Citations
37	Hypoxia Alters the Main Characteristics of the Hematopoietic Stem and Progenitor Cell Microenvironment in Vitro. Blood, 2011, 118, 4803-4803.	1.4	0
38	Overexpression of CD97 in Intestinal Epithelial Cells of Transgenic Mice Attenuates Colitis by Strengthening Adherens Junctions. PLoS ONE, 2010, 5, e8507.	2.5	35
39	Lenalidomide Modulates the Phenotype and Function of Human Mesenchymal Stromal Cells From Healthy Donors and MDS Patients.. Blood, 2009, 114, 3816-3816.	1.4	0
40	Transcriptional regulation of the human CD97 promoter by Sp1/Sp3 in smooth muscle cells. Gene, 2008, 413, 67-75.	2.2	6
41	Analysis of CD97 Expression and Manipulation: Antibody Treatment but Not Gene Targeting Curtails Granulocyte Migration. Journal of Immunology, 2008, 181, 6574-6583.	0.8	70
42	Hypoxia Increases IL-8 Secretion of Mesenchymal Stroma Cells Affecting Migratory Capacity in An Autocrine Manner. Blood, 2008, 112, 4752-4752.	1.4	1
43	Individual Cell-Based Models of Tumor-Environment Interactions. American Journal of Pathology, 2006, 169, 1802-1811.	3.8	80
44	Diversity of CD97 in smooth muscle cells. Cell and Tissue Research, 2006, 324, 139-147.	2.9	19
45	N-glycosylation of CD97 within the EGF domains is crucial for epitope accessibility in normal and malignant cells as well as CD55 ligand binding. International Journal of Cancer, 2004, 112, 815-822.	5.1	39
46	Molecular cloning of bovine CD97: an EGF-TM7 molecule expressed as isoforms. Molecular Immunology, 2004, 41, 751-758.	2.2	0
47	Detection of alternatively spliced EMR2 mRNAs in colorectal tumor cell lines but rare expression of the molecule in colorectal adenocarcinomas. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2003, 443, 32-37.	2.8	20
48	CD97, but Not Its Closely Related EGF-TM7 Family Member EMR2, Is Expressed on Gastric, Pancreatic, and Esophageal Carcinomas. American Journal of Clinical Pathology, 2002, 118, 699-707.	0.7	84
49	Expression and Regulation of CD97 in Colorectal Carcinoma Cell Lines and Tumor Tissues. American Journal of Pathology, 2002, 161, 1657-1667.	3.8	121
50	CD44 Mediates Constitutive Type I Receptor Signaling in Cervical Carcinoma Cells. Gynecologic Oncology, 2001, 83, 227-234.	1.4	20