

Martina

List of Publications by Year in descending order

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67
papers

2,291
citations

201674

27
h-index

223800

46
g-index

67
all docs

67
docs citations

67
times ranked

3638
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of Keratinocyte Apoptosis by IL-15: A New Parameter in the Pathogenesis of Psoriasis?. <i>Journal of Immunology</i> , 2000, 165, 2240-2250.	0.8	503
2	Endothelial dysfunction and altered endothelial biomarkers in patients with post-COVID-19 syndrome and chronic fatigue syndrome (ME/CFS). <i>Journal of Translational Medicine</i> , 2022, 20, 138.	4.4	116
3	Hypoxic Preconditioning Increases Survival and Pro-Angiogenic Capacity of Human Cord Blood Mesenchymal Stromal Cells In Vitro. <i>PLoS ONE</i> , 2015, 10, e0138477.	2.5	88
4	Human immune responses to porcine xenogeneic matrices and their extracellular matrix constituents in vitro. <i>Biomaterials</i> , 2010, 31, 3793-3803.	11.4	86
5	Ischemiaâ€“reperfusion injury. <i>Current Opinion in Organ Transplantation</i> , 2013, 18, 34-43.	1.6	73
6	Immunomodulative Efficacy of Bone Marrow-Derived Mesenchymal Stem Cells Cultured in Human Platelet Lysate. <i>Journal of Clinical Immunology</i> , 2011, 31, 1143-1156.	3.8	71
7	Advancement of Mesenchymal Stem Cell Therapy in Solid Organ Transplantation (MISOT). <i>Transplantation</i> , 2010, 90, 124-126.	1.0	66
8	Engineering of fibrillar decorin matrices for a tissue-engineered trachea. <i>Biomaterials</i> , 2012, 33, 5259-5266.	11.4	66
9	Toward MSC in Solid Organ Transplantation: 2008 Position Paper of the MISOT Study Group. <i>Transplantation</i> , 2009, 88, 614-619.	1.0	64
10	New insights into tenocyte-immune cell interplay in an in vitro model of inflammation. <i>Scientific Reports</i> , 2017, 7, 9801.	3.3	61
11	Mapping protein-protein contact sites using cellulose-bound peptide scans. <i>Molecular Diversity</i> , 1996, 1, 141-148.	3.9	56
12	In vivo effect of bone marrow-derived mesenchymal stem cells in a rat kidney transplantation model with prolonged cold ischemia. <i>Transplant International</i> , 2011, 24, 1112-1123.	1.6	55
13	Detrimental effects of rat mesenchymal stromal cell pre-treatment in a model of acute kidney rejection. <i>Frontiers in Immunology</i> , 2012, 3, 202.	4.8	45
14	Cross-reactive binding of cyclic peptides to an anti-TGF β antibody Fab fragment: an X-ray structural and thermodynamic analysis. <i>Journal of Molecular Biology</i> , 2001, 314, 293-309.	4.2	44
15	Human Cardiac-Derived Adherent Proliferating Cells Reduce Murine Acute Coxsackievirus B3-Induced Myocarditis. <i>PLoS ONE</i> , 2011, 6, e28513.	2.5	44
16	Immune privilege of endothelial cells differentiated from endothelial progenitor cells. <i>Cardiovascular Research</i> , 2010, 88, 121-129.	3.8	43
17	Immune Effects of Mesenchymal Stromal Cells in Experimental Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 1578-1588.	4.3	43
18	Preserved bioactivity and tunable release of a SDF1-GPVI bi-specific protein using photo-crosslinked PEGda hydrogels. <i>Biomaterials</i> , 2014, 35, 7180-7187.	11.4	42

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19	Fibronectin Adsorption on Electrospun Synthetic Vascular Grafts Attracts Endothelial Progenitor Cells and Promotes Endothelialization in Dynamic In Vitro Culture. <i>Cells</i> , 2020, 9, 778.	4.1	39
20	Immunobiology of naïve and genetically modified HLA-class-I-knockdown human embryonic stem cells. <i>Journal of Cell Science</i> , 2011, 124, 3029-3037.	2.0	36
21	Towards a Novel Patch Material for Cardiac Applications: Tissue-Specific Extracellular Matrix Introduces Essential Key Features to Decellularized Amniotic Membrane. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1032.	4.1	34
22	Decellularized amniotic membrane attenuates postinfarct left ventricular remodeling. <i>Journal of Surgical Research</i> , 2016, 200, 409-419.	1.6	31
23	Changing the Antigen Binding Specificity by Single Point Mutations of an Anti-p24 (HIV-1) Antibody. <i>Journal of Immunology</i> , 2000, 165, 4505-4514.	0.8	30
24	Stromal Cells Act as Guardians for Endothelial Progenitors by Reducing Their Immunogenicity After Co-Transplantation. <i>Stem Cells</i> , 2017, 35, 1233-1245.	3.2	30
25	Evidence for conformationally different states of interleukin-10: binding of a neutralizing antibody enhances accessibility of a hidden epitope. , 1999, 12, 242-248.		29
26	Decline of surface MHC I by adenoviral gene transfer of anti-MHC I intrabodies in human endothelial cells—new perspectives for the generation of universal donor cells for tissue transplantation. <i>Journal of Gene Medicine</i> , 2004, 6, 616-623.	2.8	28
27	Human Leukocyte Antigen I Knockdown Human Embryonic Stem Cells Induce Host Ignorance and Achieve Prolonged Xenogeneic Survival. <i>Circulation</i> , 2011, 124, S3-9.	1.6	28
28	Absence of Immune Responses with Xenogeneic Collagen and Elastin. <i>Tissue Engineering - Part A</i> , 2013, 19, 1592-1600.	3.1	28
29	Human mesenchymal stromal cells and derived extracellular vesicles: Translational strategies to increase their proangiogenic potential for the treatment of cardiovascular disease. <i>Stem Cells Translational Medicine</i> , 2020, 9, 1558-1569.	3.3	26
30	The structure of the anti- α -myc antibody 9E10 Fab fragment/epitope peptide complex reveals a novel binding mode dominated by the heavy chain hypervariable loops. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 73, 552-565.	2.6	21
31	Regenerative and Immunogenic Characteristics of Cultured Nucleus Pulposus Cells from Human Cervical Intervertebral Discs. <i>PLoS ONE</i> , 2015, 10, e0126954.	2.5	20
32	Efficient in vitro transduction of epithelial cells and keratinocytes with improved adenoviral gene transfer for the application in skin tissue engineering. <i>Transplant Immunology</i> , 2002, 9, 323-329.	1.2	19
33	Extracellular vesicles from regenerative human cardiac cells act as potent immune modulators by priming monocytes. <i>Journal of Nanobiotechnology</i> , 2019, 17, 72.	9.1	19
34	Surface functionalization of electrospun scaffolds using recombinant human decorin attracts circulating endothelial progenitor cells. <i>Scientific Reports</i> , 2018, 8, 110.	3.3	18
35	Keratinocyte unresponsiveness towards interleukin-10: lack of specific binding due to deficient IL-10 receptor 1 expression. <i>Experimental Dermatology</i> , 2003, 12, 137-144.	2.9	18
36	Low immunogenicity of endothelial derivatives from rat embryonic stem cell-like cells. <i>Cell Research</i> , 2009, 19, 507-518.	12.0	16

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37	Oligonucleotide and Parylene Surface Coating of Polystyrene and ePTFE for Improved Endothelial Cell Attachment and Hemocompatibility. <i>International Journal of Biomaterials</i> , 2012, 2012, 1-14.	2.4	16
38	The choice of cryopreservation method affects immune compatibility of human cardiovascular matrices. <i>Scientific Reports</i> , 2017, 7, 17027.	3.3	16
39	Immune attributes of cardiac-derived adherent proliferating (CAP) cells in cardiac therapy. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2013, 7, 362-370.	2.7	15
40	Myocardial Regeneration via Progenitor Cell-Derived Exosomes. <i>Stem Cells International</i> , 2017, 2017, 1-10.	2.5	15
41	Nidogen-1 Mitigates Ischemia and Promotes Tissue Survival and Regeneration. <i>Advanced Science</i> , 2021, 8, 2002500.	11.2	15
42	Crosstalk between Immune Cells and Mesenchymal Stromal Cells in a 3D Bioreactor System. <i>International Journal of Artificial Organs</i> , 2012, 35, 986-995.	1.4	14
43	MiRNA Profiles of Extracellular Vesicles Secreted by Mesenchymal Stromal Cells—Can They Predict Potential Off-Target Effects?. <i>Biomolecules</i> , 2020, 10, 1353.	4.0	14
44	MHC class I manipulation on cell surfaces by gene transfer of anti-MHC class I intrabodies—a tool for decreased immunogenicity of allogeneic tissue and cell transplants. <i>Methods</i> , 2004, 34, 240-249.	3.8	12
45	Crosstalk between immune cells and mesenchymal stromal cells in a 3D bioreactor system. <i>International Journal of Artificial Organs</i> , 2012, 35, 986-995.	1.4	12
46	Generation and Characterization of a Human Monoclonal IgM Antibody That Recognizes a Conserved Epitope Shared by Lipopolysaccharides of Different Gram-Negative Bacteria. <i>Hybridoma</i> , 1996, 15, 191-198.	0.6	11
47	Xeno-immunogenicity of ice-free cryopreserved porcine leaflets. <i>Journal of Surgical Research</i> , 2015, 193, 933-941.	1.6	11
48	An anti-major histocompatibility complex class I intrabody protects endothelial cells from an attack by immune mediators. <i>Cardiovascular Research</i> , 2006, 72, 331-338.	3.8	10
49	The atrial appendage as a suitable source to generate cardiac-derived adherent proliferating cells for regenerative cell-based therapies. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e1404-e1417.	2.7	10
50	Potential Role of Endothelin in the Physiological and Pathological Regulation of Kidney Function. <i>Endothelium: Journal of Endothelial Cell Research</i> , 1993, 1, 71-83.	1.7	9
51	Modulation of Graft Arteriosclerosis in a Rat Carotid Transplantation Model. <i>Journal of Surgical Research</i> , 2008, 145, 161-169.	1.6	9
52	Enhanced Immunomodulation in Inflammatory Environments Favors Human Cardiac Mesenchymal Stromal-Like Cells for Allogeneic Cell Therapies. <i>Frontiers in Immunology</i> , 2019, 10, 1716.	4.8	9
53	Impact of T-cell-mediated immune response on xenogeneic heart valve transplantation: short-term success and mid-term failure. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 53, 784-792.	1.4	8
54	Effects on human heart valve immunogenicity <i>in vitro</i> by high concentration cryoprotectant treatment. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e1046-e1055.	2.7	8

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55	Protein contaminations impact quantification and functional analysis of extracellular vesicle preparations from mesenchymal stromal cells. <i>Journal of Stem Cells and Regenerative Medicine</i> , 2015, 11, 44-47.	2.2	8
56	Alkyl-substituted magnesium phthalocyanine: phototoxicity after excitation of higher electronic states in cells <i>in vitro</i> . <i>Journal of Porphyrins and Phthalocyanines</i> , 2002, 06, 340-346.	0.8	6
57	Structure of an anti- <i>Cholera</i> toxin antibody Fab in complex with an epitope-derived peptide: a case of polyspecific recognition. <i>Journal of Molecular Recognition</i> , 2007, 20, 263-274.	2.1	6
58	Low-dose cyclosporine mediates donor hyporesponsiveness in a fully mismatched rat kidney transplant model. <i>Transplant Immunology</i> , 2012, 26, 176-185.	1.2	5
59	The TL1A-DR3 Axis Selectively Drives Effector Functions in Human MAIT Cells. <i>Journal of Immunology</i> , 2019, 203, 2970-2978.	0.8	5
60	Cardiac Extracellular Vesicles (EVs) Released in the Presence or Absence of Inflammatory Cues Support Angiogenesis in Different Manners. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6363.	4.1	4
61	A Polymorphonuclear Leukocyte Assay to Assess Implant Immunocompatibility. <i>Tissue Engineering - Part C: Methods</i> , 2019, 25, 500-511.	2.1	3
62	Therapies with CCL25 require controlled release via microparticles to avoid strong inflammatory reactions. <i>Journal of Nanobiotechnology</i> , 2021, 19, 83.	9.1	3
63	Lymphocyte surface marker expression on hybridomas secreting human monoclonal antibodies. <i>Human Antibodies</i> , 1992, 3, 86-92.	1.5	1
64	Evaluation of Immunogenicity of Rat ES-Cell Derived Endothelial Cells. <i>Methods in Molecular Biology</i> , 2013, 1029, 43-63.	0.9	0
65	Mechanism of Cardiovascular Tissue Immunogenicity Reduction by Ice-free Cryopreservation. , 2012, , .		0
66	Gelatin and Decorin are Suitable Candidates for Application in Tissue-Engineered Matrices - an Immunological In Vitro Study. , 2012, , .		0
67	Electrospun Proteoglycan Matrices for Tracheal Tissue Engineering. <i>FASEB Journal</i> , 2012, 26, 911.1.	0.5	0