

Martina

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

2,291
citations

201575

27
h-index

223716

46
g-index

67
all docs

67
docs citations

67
times ranked

3638
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.8	116
2	Nidogen-1 Mitigates Ischemia and Promotes Tissue Survival and Regeneration. <i>Advanced Science</i> , 2021, 8, 2002500.	5.6	15
3	Therapies with CCL25 require controlled release via microparticles to avoid strong inflammatory reactions. <i>Journal of Nanobiotechnology</i> , 2021, 19, 83.	4.2	3
4	MiRNA Profiles of Extracellular Vesicles Secreted by Mesenchymal Stromal Cells” Can They Predict Potential Off-Target Effects?. <i>Biomolecules</i> , 2020, 10, 1353.	1.8	14
5	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.	1.6	26
6	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.	1.8	39
7	Enhanced Immunomodulation in Inflammatory Environments Favors Human Cardiac Mesenchymal Stromal-Like Cells for Allogeneic Cell Therapies. <i>Frontiers in Immunology</i> , 2019, 10, 1716.	2.2	9
8	The TL1A-DR3 Axis Selectively Drives Effector Functions in Human MAIT Cells. <i>Journal of Immunology</i> , 2019, 203, 2970-2978.	0.4	5
9	A Polymorphonuclear Leukocyte Assay to Assess Implant Immunocompatibility. <i>Tissue Engineering - Part C: Methods</i> , 2019, 25, 500-511.	1.1	3
10	Extracellular vesicles from regenerative human cardiac cells act as potent immune modulators by priming monocytes. <i>Journal of Nanobiotechnology</i> , 2019, 17, 72.	4.2	19
11	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.	1.8	4
12	Surface functionalization of electrospun scaffolds using recombinant human decorin attracts circulating endothelial progenitor cells. <i>Scientific Reports</i> , 2018, 8, 110.	1.6	18
13	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.	0.6	8
14	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.	1.3	8
15	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.	1.3	10
16	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.	1.8	34
17	Stromal Cells Act as Guardians for Endothelial Progenitors by Reducing Their Immunogenicity After Co-Transplantation. <i>Stem Cells</i> , 2017, 35, 1233-1245.	1.4	30
18	New insights into tenocyte-immune cell interplay in an in vitro model of inflammation. <i>Scientific Reports</i> , 2017, 7, 9801.	1.6	61

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19	The choice of cryopreservation method affects immune compatibility of human cardiovascular matrices. <i>Scientific Reports</i> , 2017, 7, 17027.	1.6	16
20	Myocardial Regeneration via Progenitor Cell-Derived Exosomes. <i>Stem Cells International</i> , 2017, 2017, 1-10.	1.2	15
21	Decellularized amniotic membrane attenuates postinfarct left ventricular remodeling. <i>Journal of Surgical Research</i> , 2016, 200, 409-419.	0.8	31
22	Regenerative and Immunogenic Characteristics of Cultured Nucleus Pulposus Cells from Human Cervical Intervertebral Discs. <i>PLoS ONE</i> , 2015, 10, e0126954.	1.1	20
23	Xeno-immunogenicity of ice-free cryopreserved porcine leaflets. <i>Journal of Surgical Research</i> , 2015, 193, 933-941.	0.8	11
24	Hypoxic Preconditioning Increases Survival and Pro-Angiogenic Capacity of Human Cord Blood Mesenchymal Stromal Cells In Vitro. <i>PLoS ONE</i> , 2015, 10, e0138477.	1.1	88
25	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
26	Preserved bioactivity and tunable release of a SDF1-GPVI bi-specific protein using photo-crosslinked PEGda hydrogels. <i>Biomaterials</i> , 2014, 35, 7180-7187.	5.7	42
27	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.	1.3	15
28	Absence of Immune Responses with Xenogeneic Collagen and Elastin. <i>Tissue Engineering - Part A</i> , 2013, 19, 1592-1600.	1.6	28
29	Evaluation of Immunogenicity of Rat ES-Cell Derived Endothelial Cells. <i>Methods in Molecular Biology</i> , 2013, 1029, 43-63.	0.4	0
30	Ischemiaâ€“reperfusion injury. <i>Current Opinion in Organ Transplantation</i> , 2013, 18, 34-43.	0.8	73
31	Detrimental effects of rat mesenchymal stromal cell pre-treatment in a model of acute kidney rejection. <i>Frontiers in Immunology</i> , 2012, 3, 202.	2.2	45
32	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.	1.1	16
33	Immune Effects of Mesenchymal Stromal Cells in Experimental Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 1578-1588.	2.4	43
34	Low-dose cyclosporine mediates donor hyporesponsiveness in a fully mismatched rat kidney transplant model. <i>Transplant Immunology</i> , 2012, 26, 176-185.	0.6	5
35	Crosstalk between immune cells and mesenchymal stromal cells in a 3D bioreactor system. <i>International Journal of Artificial Organs</i> , 2012, 35, 986-995.	0.7	12
36	Crosstalk between Immune Cells and Mesenchymal Stromal Cells in a 3D Bioreactor System. <i>International Journal of Artificial Organs</i> , 2012, 35, 986-995.	0.7	14

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37	Engineering of fibrillar decorin matrices for a tissue-engineered trachea. <i>Biomaterials</i> , 2012, 33, 5259-5266.	5.7	66
38	Mechanism of Cardiovascular Tissue Immunogenicity Reduction by Ice-free Cryopreservation. , 2012, , .		0
39	Gelatin and Decorin are Suitable Candidates for Application in Tissue-Engineered Matrices - an Immunological In Vitro Study. , 2012, , .		0
40	Electrospun Proteoglycan Matrices for Tracheal Tissue Engineering. <i>FASEB Journal</i> , 2012, 26, 911.1.	0.2	0
41	Human Cardiac-Derived Adherent Proliferating Cells Reduce Murine Acute Coxsackievirus B3-Induced Myocarditis. <i>PLoS ONE</i> , 2011, 6, e28513.	1.1	44
42	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.	0.8	55
43	Immunomodulative Efficacy of Bone Marrow-Derived Mesenchymal Stem Cells Cultured in Human Platelet Lysate. <i>Journal of Clinical Immunology</i> , 2011, 31, 1143-1156.	2.0	71
44	Immunobiology of naïve and genetically modified HLA-class-I-knockdown human embryonic stem cells. <i>Journal of Cell Science</i> , 2011, 124, 3029-3037.	1.2	36
45	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
46	Advancement of Mesenchymal Stem Cell Therapy in Solid Organ Transplantation (MISOT). <i>Transplantation</i> , 2010, 90, 124-126.	0.5	66
47	Human immune responses to porcine xenogeneic matrices and their extracellular matrix constituents in vitro. <i>Biomaterials</i> , 2010, 31, 3793-3803.	5.7	86
48	Immune privilege of endothelial cells differentiated from endothelial progenitor cells. <i>Cardiovascular Research</i> , 2010, 88, 121-129.	1.8	43
49	Low immunogenicity of endothelial derivatives from rat embryonic stem cell-like cells. <i>Cell Research</i> , 2009, 19, 507-518.	5.7	16
50	Toward MSC in Solid Organ Transplantation: 2008 Position Paper of the MISOT Study Group. <i>Transplantation</i> , 2009, 88, 614-619.	0.5	64
51	The structure of the anti- ϵ 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.	1.5	21
52	Modulation of Graft Arteriosclerosis in a Rat Carotid Transplantation Model. <i>Journal of Surgical Research</i> , 2008, 145, 161-169.	0.8	9
53	Structure of an anti- ϵ cholera 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.	1.1	6
54	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.	1.8	10

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55	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.	1.4	28
56	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.	1.9	12
57	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.	1.4	18
58	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.	0.4	6
59	Efficient <i>in vitro</i> 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.	0.6	19
60	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.	2.0	44
61	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.	0.4	30
62	Inhibition of Keratinocyte Apoptosis by IL-15: A New Parameter in the Pathogenesis of Psoriasis?. <i>Journal of Immunology</i> , 2000, 165, 2240-2250.	0.4	503
63	Evidence for conformationally different states of interleukin-10: binding of a neutralizing antibody enhances accessibility of a hidden epitope. , 1999, 12, 242-248.		29
64	Mapping protein-protein contact sites using cellulose-bound peptide scans. <i>Molecular Diversity</i> , 1996, 1, 141-148.	2.1	56
65	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.	0.9	11
66	Potential Role of Endothelin in the Physiological and Pathological Regulation of Kidney Function. Endothelium: <i>Journal of Endothelial Cell Research</i> , 1993, 1, 71-83.	1.7	9
67	Lymphocyte surface marker expression on hybridomas secreting human monoclonal antibodies. <i>Human Antibodies</i> , 1992, 3, 86-92.	0.6	1