

Thomas Ritter

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

3,541
citations

201674

27
h-index

149698

56
g-index

59
all docs

59
docs citations

59
times ranked

5985
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesenchymal Stem Cell-derived Extracellular Vesicles: Toward Cell-free Therapeutic Applications. <i>Molecular Therapy</i> , 2015, 23, 812-823.	8.2	877
2	Immunological Aspects of Allogeneic Mesenchymal Stem Cell Therapies. <i>Human Gene Therapy</i> , 2010, 21, 1641-1655.	2.7	272
3	Immunogenicity of allogeneic mesenchymal stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 2094-2103.	3.6	215
4	The Exosome – A Naturally Secreted Nanoparticle and its Application to Wound Healing. <i>Advanced Materials</i> , 2016, 28, 5542-5552.	21.0	213
5	Anti-donor immune responses elicited by allogeneic mesenchymal stem cells: what have we learned so far?. <i>Immunology and Cell Biology</i> , 2013, 91, 40-51.	2.3	205
6	Concise review: Adult mesenchymal stromal cell therapy for inflammatory diseases: How well are we joining the dots?. <i>Stem Cells</i> , 2013, 31, 2033-2041.	3.2	124
7	Anti-Donor Immune Responses Elicited by Allogeneic Mesenchymal Stem Cells and Their Extracellular Vesicles: Are We Still Learning?. <i>Frontiers in Immunology</i> , 2017, 8, 1626.	4.8	116
8	Extracellular vesicles as modulators of wound healing. <i>Advanced Drug Delivery Reviews</i> , 2018, 129, 394-406.	13.7	116
9	Improvements in Gene Therapy. <i>BioDrugs</i> , 2002, 16, 3-10.	4.6	79
10	Chondrogenic Differentiation Increases Antidonor Immune Response to Allogeneic Mesenchymal Stem Cell Transplantation. <i>Molecular Therapy</i> , 2014, 22, 655-667.	8.2	76
11	High-risk Corneal Transplantation: Recent Developments and Future Possibilities. <i>Transplantation</i> , 2019, 103, 2468-2478.	1.0	75
12	Stromal Cell PD-L1 Inhibits CD8+ T-cell Antitumor Immune Responses and Promotes Colon Cancer. <i>Cancer Immunology Research</i> , 2018, 6, 1426-1441.	3.4	66
13	TNF \pm and IL-1 β influence the differentiation and migration of murine MSCs independently of the NF- κ B pathway. <i>Stem Cell Research and Therapy</i> , 2014, 5, 104.	5.5	64
14	Changes in immunological profile of allogeneic mesenchymal stem cells after differentiation: should we be concerned?. <i>Stem Cell Research and Therapy</i> , 2014, 5, 99.	5.5	61
15	Minimum information about tolerogenic antigen-presenting cells (MITAP): a first step towards reproducibility and standardisation of cellular therapies. <i>PeerJ</i> , 2016, 4, e2300.	2.0	55
16	STIMULATORY AND INHIBITORY ACTION OF CYTOKINES ON THE REGULATION OF hCMV-IE PROMOTER ACTIVITY IN HUMAN ENDOTHELIAL CELLS. <i>Cytokine</i> , 2000, 12, 1163-1170.	3.2	52
17	Gene-Modified Mesenchymal Stem Cells Express Functionally Active Nerve Growth Factor on an Engineered Poly Lactic Glycolic Acid (PLGA) Substrate. <i>Tissue Engineering - Part A</i> , 2008, 14, 681-690.	3.1	48
18	Influence of local and systemic CTLA4Ig gene transfer on corneal allograft survival. <i>Journal of Gene Medicine</i> , 2006, 8, 459-467.	2.8	47

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19	Local Overexpression of Nerve Growth Factor in Rat Corneal Transplants Improves Allograft Survival. , 2007, 48, 1043.		45
20	Minimum Information about T Regulatory Cells: A Step toward Reproducibility and Standardization. <i>Frontiers in Immunology</i> , 2017, 8, 1844.	4.8	43
21	Third-Party Allogeneic Mesenchymal Stromal Cells Prevent Rejection in a Pre-sensitized High-Risk Model of Corneal Transplantation. <i>Frontiers in Immunology</i> , 2018, 9, 2666.	4.8	39
22	Enhanced lipoplex-mediated gene expression in mesenchymal stem cells using reiterated nuclear localization sequence peptides. <i>Journal of Gene Medicine</i> , 2010, 12, 207-218.	2.8	38
23	TGF- β 1-Licensed Murine MSCs Show Superior Therapeutic Efficacy in Modulating Corneal Allograft Immune Rejection In Vivo. <i>Molecular Therapy</i> , 2020, 28, 2023-2043.	8.2	38
24	TNF- α /IL-1 β -licensed mesenchymal stromal cells promote corneal allograft survival via myeloid cell-mediated induction of Foxp3 ⁺ regulatory T cells in the lung. <i>FASEB Journal</i> , 2019, 33, 9404-9421.	0.5	37
25	Adenovirus-Mediated Gene Transfer of Interleukin-4 to Corneal Endothelial Cells and Organ Cultured Corneas Leads to High IL-4 Expression. <i>Experimental Eye Research</i> , 1999, 69, 563-568.	2.6	36
26	Distinctive Surface Glycosylation Patterns Associated With Mouse and Human CD4 ⁺ Regulatory T Cells and Their Suppressive Function. <i>Frontiers in Immunology</i> , 2017, 8, 987.	4.8	34
27	Adenoviral Transduction of Mesenchymal Stem Cells: In Vitro Responses and In Vivo Immune Responses after Cell Transplantation. <i>PLoS ONE</i> , 2012, 7, e42662.	2.5	31
28	Artificial Cornea: Past, Current, and Future Directions. <i>Frontiers in Medicine</i> , 2021, 8, 770780.	2.6	29
29	Influence of combined treatment of low dose rapamycin and cyclosporin A on corneal allograft survival. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2010, 248, 1447-1456.	1.9	28
30	Allogeneic Murine Mesenchymal Stem Cells: Migration to Inflamed Joints In Vivo and Amelioration of Collagen Induced Arthritis When Transduced to Express CTLA4lg. <i>Stem Cells and Development</i> , 2013, 22, 3203-3213.	2.1	27
31	Effects of interleukin-12p40 gene transfer on rat corneal allograft survival. <i>Transplant Immunology</i> , 2007, 18, 101-107.	1.2	26
32	vIL-10-overexpressing human MSCs modulate naïve and activated T lymphocytes following induction of collagenase-induced osteoarthritis. <i>Stem Cell Research and Therapy</i> , 2016, 7, 74.	5.5	25
33	Investigating the Potential and Pitfalls of EV-Encapsulated MicroRNAs as Circulating Biomarkers of Breast Cancer. <i>Cells</i> , 2020, 9, 141.	4.1	24
34	Corneal Allograft Rejection: Current Understanding. <i>Ophthalmologica</i> , 2001, 215, 254-262.	1.9	23
35	Mesenchymal stem cell therapy to promote corneal allograft survival. <i>Current Opinion in Organ Transplantation</i> , 2016, 21, 559-567.	1.6	22
36	Interspecies Incompatibilities Limit the Immunomodulatory Effect of Human Mesenchymal Stromal Cells in the Rat. <i>Stem Cells</i> , 2018, 36, 1210-1215.	3.2	21

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37	Nanosensitive optical coherence tomography to assess wound healing within the cornea. <i>Biomedical Optics Express</i> , 2020, 11, 3407.	2.9	17
38	Genetically modified mesenchymal stem cells and their clinical potential in acute cardiovascular disease. <i>Discovery Medicine</i> , 2010, 9, 219-23.	0.5	17
39	Gene therapy in immune-mediated diseases of the eye. <i>Progress in Retinal and Eye Research</i> , 2003, 22, 277-293.	15.5	16
40	Corneal Immunosuppressive Mechanisms, Anterior Chamber-Associated Immune Deviation (ACAID) and Their Role in Allograft Rejection. <i>Methods in Molecular Biology</i> , 2016, 1371, 205-214.	0.9	15
41	Immune tolerance and gene therapy in transplantation. <i>Trends in Immunology</i> , 2000, 21, 12-14.	7.5	14
42	The influence of inducible costimulator fusion protein (ICOSlg) gene transfer on corneal allograft survival. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2007, 245, 1515-1521.	1.9	14
43	Development of a flow cytometry-based potency assay for measuring the in vitro immunomodulatory properties of mesenchymal stromal cells. <i>Immunology Letters</i> , 2016, 177, 38-46.	2.5	14
44	Gene transfer of cyto-protective molecules in corneal endothelial cells and cultured corneas: Analysis of protective effects in vitro and in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2007, 357, 302-307.	2.1	13
45	Donor Bone Marrow-derived Dendritic Cells Prolong Corneal Allograft Survival and Promote an Intra-graft Immunoregulatory Milieu. <i>Molecular Therapy</i> , 2013, 21, 2102-2112.	8.2	13
46	Cyclophosphamide alters the tumor cell secretome to potentiate the anti-myeloma activity of daratumumab through augmentation of macrophage-mediated antibody dependent cellular phagocytosis. <i>Oncotarget</i> , 2021, 10, 1859263.	4.6	13
47	Novel gene therapeutic strategies for the induction of tolerance in cornea transplantation. <i>Expert Review of Clinical Immunology</i> , 2009, 5, 749-764.	3.0	12
48	Regulating Immunogenicity and Tolerogenicity of Bone Marrow-Derived Dendritic Cells through Modulation of Cell Surface Glycosylation by Dexamethasone Treatment. <i>Frontiers in Immunology</i> , 2017, 8, 1427.	4.8	10
49	Gene Therapy Approaches to Prevent Corneal Graft Rejection: Where Do We Stand?. <i>Ophthalmic Research</i> , 2013, 50, 135-140.	1.9	9
50	Antigen-Dependent Transgene Expression in Kidney Transplantation: A Novel Approach Using Gene-Engineered T Lymphocytes. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 511-518.	6.1	8
51	Effects of Spironolactone on Corneal Allograft Survival in the Rat. <i>Ophthalmic Research</i> , 2007, 39, 325-329.	1.9	7
52	Subconjunctival administration of low-dose murine allogeneic mesenchymal stromal cells promotes corneal allograft survival in mice. <i>Stem Cell Research and Therapy</i> , 2021, 12, 227.	5.5	7
53	Anti-donor antibody induction following intramuscular injections of allogeneic mesenchymal stromal cells. <i>Immunology and Cell Biology</i> , 2018, 96, 536-548.	2.3	5
54	Synthesized nanoparticles, biomimetic nanoparticles and extracellular vesicles for treatment of autoimmune disease: Comparison and prospect. <i>Pharmacological Research</i> , 2021, 172, 105833.	7.1	5

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55	Gene therapy in transplantation: Toward clinical trials. <i>Current Opinion in Molecular Therapeutics</i> , 2009, 11, 504-12.	2.8	2
56	Call for papers: Exploiting extracellular vesicles as therapeutic agents. <i>Molecular Therapy</i> , 2022, 30, 979.	8.2	1