Thomas Ritter

List of Publications by Year
in descending order

56 papers	3,541 citations	201575 27 h-index	149623 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. Molecular Therapy, 2015, 23, 812-823.	3.7	877
2	Immunological Aspects of Allogeneic Mesenchymal Stem Cell Therapies. Human Gene Therapy, 2010, 21, 1641-1655.	1.4	272
3	Immunogenicity of allogeneic mesenchymal stem cells. Journal of Cellular and Molecular Medicine, 2012, 16, 2094-2103.	1.6	215
4	The Exosome â€•A Naturally Secreted Nanoparticle and its Application to Wound Healing. Advanced Materials, 2016, 28, 5542-5552.	11.1	213
5	Antiâ€donor immune responses elicited by allogeneic mesenchymal stem cells: what have we learned so far?. Immunology and Cell Biology, 2013, 91, 40-51.	1.0	205
6	Concise review: Adult mesenchymal stromal cell therapy for inflammatory diseases: How well are we joining the dots?. Stem Cells, 2013, 31, 2033-2041.	1.4	124
7	Anti-Donor Immune Responses Elicited by Allogeneic Mesenchymal Stem Cells and Their Extracellular Vesicles: Are We Still Learning?. Frontiers in Immunology, 2017, 8, 1626.	2.2	116
8	Extracellular vesicles as modulators of wound healing. Advanced Drug Delivery Reviews, 2018, 129, 394-406.	6.6	116
9	Improvements in Gene Therapy. BioDrugs, 2002, 16, 3-10.	2.2	79
10	Chondrogenic Differentiation Increases Antidonor Immune Response to Allogeneic Mesenchymal Stem Cell Transplantation. Molecular Therapy, 2014, 22, 655-667.	3.7	76
11	High-risk Corneal Transplantation: Recent Developments and Future Possibilities. Transplantation, 2019, 103, 2468-2478.	0.5	75
12	Stromal Cell PD-L1 Inhibits CD8+ T-cell Antitumor Immune Responses and Promotes Colon Cancer. Cancer Immunology Research, 2018, 6, 1426-1441.	1.6	66
13	TNFÎ± and IL-1Î² influence the differentiation and migration of murine MSCs independently of the NF-Î°B pathway. Stem Cell Research and Therapy, 2014, 5, 104.	2.4	64
14	Changes in immunological profile of allogeneic mesenchymal stem cells after differentiation: should we be concerned?. Stem Cell Research and Therapy, 2014, 5, 99.	2.4	61
15	Minimum information about tolerogenic antigen-presenting cells (MITAP): a first step towards reproducibility and standardisation of cellular therapies. PeerJ, 2016, 4, e2300.	0.9	55
16	STIMULATORY AND INHIBITORY ACTION OF CYTOKINES ON THE REGULATION OF hCMV-IE PROMOTER ACTIVITY IN HUMAN ENDOTHELIAL CELLS. Cytokine, 2000, 12, 1163-1170.	1.4	52
17	Gene-Modified Mesenchymal Stem Cells Express Functionally Active Nerve Growth Factor on an Engineered Poly Lactic Glycolic Acid (PLGA) Substrate. Tissue Engineering - Part A, 2008, 14, 681-690.	1.6	48
18	Influence of local and systemic CTLA4Ig gene transfer on corneal allograft survival. Journal of Gene Medicine, 2006, 8, 459-467.	1.4	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. Frontiers in Immunology, 2017, 8, 1844.	2.2	43
21	Third-Party Allogeneic Mesenchymal Stromal Cells Prevent Rejection in a Pre-sensitized High-Risk Model of Corneal Transplantation. Frontiers in Immunology, 2018, 9, 2666.	2.2	39
22	Enhanced lipoplexâ€mediated gene expression in mesenchymal stem cells using reiterated nuclear localization sequence peptides. Journal of Gene Medicine, 2010, 12, 207-218.	1.4	38
23	TGF-Î²1-Licensed Murine MSCs Show Superior Therapeutic Efficacy in Modulating Corneal Allograft Immune Rejection InÂVivo. Molecular Therapy, 2020, 28, 2023-2043.	3.7	38
24	TNFâ€±/ILâ€1Î²â€”licensed mesenchymal stromal cells promote corneal allograft survivalviamyeloid cellâ€mediated induction of Foxp3⁺regulatory T cells in the lung. FASEB Journal, 2019, 33, 9404-9421.	0.2	37
25	Adenovirus-Mediated Gene Transfer of Interleukin-4 to Corneal Endothelial Cells and Organ Cultured Corneas Leads to High IL-4 Expression. Experimental Eye Research, 1999, 69, 563-568.	1.2	36
26	Distinctive Surface Glycosylation Patterns Associated With Mouse and Human CD4+ Regulatory T Cells and Their Suppressive Function. Frontiers in Immunology, 2017, 8, 987.	2.2	34
27	Adenoviral Transduction of Mesenchymal Stem Cells: In Vitro Responses and In Vivo Immune Responses after Cell Transplantation. PLoS ONE, 2012, 7, e42662.	1.1	31
28	Artificial Cornea: Past, Current, and Future Directions. Frontiers in Medicine, 2021, 8, 770780.	1.2	29
29	Influence of combined treatment of low dose rapamycin and cyclosporin A on corneal allograft survival. Graefe's Archive for Clinical and Experimental Ophthalmology, 2010, 248, 1447-1456.	1.0	28
30	Allogeneic Murine Mesenchymal Stem Cells: Migration to Inflamed Joints In Vivo and Amelioration of Collagen Induced Arthritis When Transduced to Express CTLA4Ig. Stem Cells and Development, 2013, 22, 3203-3213.	1.1	27
31	Effects of interleukin-12p40 gene transfer on rat corneal allograft survival. Transplant Immunology, 2007, 18, 101-107.	0.6	26
32	vIL-10-overexpressing human MSCs modulate naÃ¯ve and activated T lymphocytes following induction of collagenase-induced osteoarthritis. Stem Cell Research and Therapy, 2016, 7, 74.	2.4	25
33	Investigating the Potential and Pitfalls of EV-Encapsulated MicroRNAs as Circulating Biomarkers of Breast Cancer. Cells, 2020, 9, 141.	1.8	24
34	Corneal Allograft Rejection: Current Understanding. Ophthalmologica, 2001, 215, 254-262.	1.0	23
35	Mesenchymal stem cell therapy to promote corneal allograft survival. Current Opinion in Organ Transplantation, 2016, 21, 559-567.	0.8	22
36	Interspecies Incompatibilities Limit the Immunomodulatory Effect of Human Mesenchymal Stromal Cells in the Rat. Stem Cells, 2018, 36, 1210-1215.	1.4	21

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37	Nanosensitive optical coherence tomography to assess wound healing within the cornea. Biomedical Optics Express, 2020, 11, 3407.	1.5	17
38	Genetically modified mesenchymal stem cells and their clinical potential in acute cardiovascular disease. Discovery Medicine, 2010, 9, 219-23.	0.5	17
39	Gene therapy in immune-mediated diseases of the eye. Progress in Retinal and Eye Research, 2003, 22, 277-293.	7.3	16
40	Corneal Immunosuppressive Mechanisms, Anterior Chamber-Associated Immune Deviation (ACAID) and Their Role in Allograft Rejection. Methods in Molecular Biology, 2016, 1371, 205-214.	0.4	15
41	Immune tolerance and gene therapy in transplantation. Trends in Immunology, 2000, 21, 12-14.	7.5	14
42	The influence of inducible costimulator fusion protein (ICOSIg) gene transfer on corneal allograft survival. Graefe's Archive for Clinical and Experimental Ophthalmology, 2007, 245, 1515-1521.	1.0	14
43	Development of a flow cytometry-based potency assay for measuring the in vitro immunomodulatory properties of mesenchymal stromal cells. Immunology Letters, 2016, 177, 38-46.	1.1	14
44	Gene transfer of cyto-protective molecules in corneal endothelial cells and cultured corneas: Analysis of protective effects in vitro and in vivo. Biochemical and Biophysical Research Communications, 2007, 357, 302-307.	1.0	13
45	Donor Bone Marrowâ€“derived Dendritic Cells Prolong Corneal Allograft Survival and Promote an Intragraft Immunoregulatory Milieu. Molecular Therapy, 2013, 21, 2102-2112.	3.7	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. OncoImmunology, 2021, 10, 1859263.	2.1	13
47	Novel gene therapeutic strategies for the induction of tolerance in cornea transplantation. Expert Review of Clinical Immunology, 2009, 5, 749-764.	1.3	12
48	Regulating Immunogenicity and Tolerogenicity of Bone Marrow-Derived Dendritic Cells through Modulation of Cell Surface Glycosylation by Dexamethasone Treatment. Frontiers in Immunology, 2017, 8, 1427.	2.2	10
49	Gene Therapy Approaches to Prevent Corneal Graft Rejection: Where Do We Stand?. Ophthalmic Research, 2013, 50, 135-140.	1.0	9
50	Antigen-Dependent Transgene Expression in Kidney Transplantation: A Novel Approach Using Gene-Engineered T Lymphocytes. Journal of the American Society of Nephrology: JASN, 2002, 13, 511-518.	3.0	8
51	Effects of Spironolactone on Corneal Allograft Survival in the Rat. Ophthalmic Research, 2007, 39, 325-329.	1.0	7
52	Subconjunctival administration of low-dose murine allogeneic mesenchymal stromal cells promotes corneal allograft survival in mice. Stem Cell Research and Therapy, 2021, 12, 227.	2.4	7
53	Antiâ€donor antibody induction following intramuscular injections of allogeneic mesenchymal stromal cells. Immunology and Cell Biology, 2018, 96, 536-548.	1.0	5
54	Synthesized nanoparticles, biomimetic nanoparticles and extracellular vesicles for treatment of autoimmune disease: Comparison and prospect. Pharmacological Research, 2021, 172, 105833.	3.1	5

#	Article	IF	Citations
55	Gene therapy in transplantation: Toward clinical trials. Current Opinion in Molecular Therapeutics, 2009, 11, 504-12.	2.8	2
56	Call for papers: Exploiting extracellular vesicles as therapeutic agents. Molecular Therapy, 2022, 30, 979.	3.7	1