Eva Rohde

List of Publications by Year
in descending order

73 papers	16,057 citations	201674 27 h-index	123424 61 g-index
75 all docs	75 docs citations	75 times ranked	20446 citing authors

#	Article	IF	Citations
1	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. Journal of Extracellular Vesicles, 2018, 7, 1535750.	12.2	6,961
2	Biological properties of extracellular vesicles and their physiological functions. Journal of Extracellular Vesicles, 2015, 4, 27066.	12.2	3,973
3	Applying extracellular vesicles based therapeutics in clinical trials â€“ an ISEV position paper. Journal of Extracellular Vesicles, 2015, 4, 30087.	12.2	1,020
4	Human platelet lysate can replace fetal bovine serum for clinical-scale expansion of functional mesenchymal stromal cells. Transfusion, 2007, 47, 1436-1446.	1.6	437
5	Defining mesenchymal stromal cell (MSC)â€derived small extracellular vesicles for therapeutic applications. Journal of Extracellular Vesicles, 2019, 8, 1609206.	12.2	400
6	Evidence-Based Clinical Use of Nanoscale Extracellular Vesicles in Nanomedicine. ACS Nano, 2016, 10, 3886-3899.	14.6	397
7	Concise Review: Developing Best-Practice Models for the Therapeutic Use of Extracellular Vesicles. Stem Cells Translational Medicine, 2017, 6, 1730-1739.	3.3	247
8	Blood Monocytes Mimic Endothelial Progenitor Cells. Stem Cells, 2006, 24, 357-367.	3.2	239
9	Manufacturing of Human Extracellular Vesicle-Based Therapeutics for Clinical Use. International Journal of Molecular Sciences, 2017, 18, 1190.	4.1	213
10	Humanized large-scale expanded endothelial colonyâ€“forming cells function in vitro and in vivo. Blood, 2009, 113, 6716-6725.	1.4	201
11	Rapid Large-Scale Expansion of Functional Mesenchymal Stem Cells from Unmanipulated Bone Marrow Without Animal Serum. Tissue Engineering - Part C: Methods, 2008, 14, 185-196.	2.1	169
12	Immune Cells Mimic the Morphology of Endothelial Progenitor Colonies In Vitro. Stem Cells, 2007, 25, 1746-1752.	3.2	164
13	A Good Manufacturing Practiceâ€“grade standard protocol for exclusively human mesenchymal stromal cellâ€“derived extracellular vesicles. Cytotherapy, 2017, 19, 458-472.	0.7	156
14	Humanized system to propagate cord blood-derived multipotent mesenchymal stromal cells for clinical application. Regenerative Medicine, 2007, 2, 371-382.	1.7	147
15	Manufacturing and characterization of extracellular vesicles from umbilical cordâ€“derived mesenchymal stromal cells for clinical testing. Cytotherapy, 2019, 21, 581-592.	0.7	136
16	Replicative senescence-associated gene expression changes in mesenchymal stromal cells are similar under different culture conditions. Haematologica, 2010, 95, 867-874.	3.5	120
17	Two steps to functional mesenchymal stromal cells for clinical application. Transfusion, 2007, 47, 1426-1435.	1.6	114
18	International Society for Extracellular Vesicles and International Society for Cell and Gene Therapy statement on extracellular vesicles from mesenchymal stromal cells and other cells: considerations for potential therapeutic agents to suppress coronavirus disease-19. Cytotherapy, 2020, 22, 482-485.	0.7	94

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19	An In Vitro Potency Assay for Monitoring the Immunomodulatory Potential of Stromal Cell-Derived Extracellular Vesicles. International Journal of Molecular Sciences, 2017, 18, 1413.	4.1	69
20	Extracellular Vesicles Can Deliver Anti-inflammatory and Anti-scarring Activities of Mesenchymal Stromal Cells After Spinal Cord Injury. Frontiers in Neurology, 2019, 10, 1225.	2.4	61
21	Brain pericyte plasticity as a potential drug target in CNS repair. Drug Discovery Today, 2013, 18, 456-463.	6.4	46
22	Firstâ€inâ€human intracochlear application of human stromal cellâ€derived extracellular vesicles. Journal of Extracellular Vesicles, 2021, 10, e12094.	12.2	46
23	International Forum on <scp>GMP</scp>â€grade human platelet lysate for cell propagation: summary. Vox Sanguinis, 2018, 113, 80-87.	1.5	45
24	Mechanical fibrinogen-depletion supports heparin-free mesenchymal stem cell propagation in human platelet lysate. Journal of Translational Medicine, 2015, 13, 354.	4.4	39
25	Reticulocyte hemoglobin content allows early and reliable detection of functional iron deficiency in blood donors. Clinica Chimica Acta, 2012, 413, 678-682.	1.1	35
26	Lesion-Induced Accumulation of Platelets Promotes Survival of Adult Neural Stem / Progenitor Cells. Experimental Neurology, 2015, 269, 75-89.	4.1	33
27	Metabolomic profiling identifies potential pathways involved in the interaction of iron homeostasis with glucose metabolism. Molecular Metabolism, 2017, 6, 38-47.	6.5	32
28	Human Platelet Lysate for Good Manufacturing Practice-Compliant Cell Production. International Journal of Molecular Sciences, 2021, 22, 5178.	4.1	31
29	Extracellular vesicles from human multipotent stromal cells protect against hearing loss after noise trauma in vivo. Clinical and Translational Medicine, 2020, 10, e262.	4.0	28
30	CD45-positive cells of haematopoietic origin enhance chondrogenic marker gene expression in rat marrow stromal cells. International Journal of Molecular Medicine, 2006, 18, 233-40.	4.0	27
31	Function and activation state of platelets in vitro depend on apheresis modality. Vox Sanguinis, 2010, 99, 332-340.	1.5	26
32	Platelet-derived growth factors for GMP-compliant propagation of mesenchymal stromal cells. Bio-Medical Materials and Engineering, 2009, 19, 271-276.	0.6	25
33	Re: â€œExosomes Derived from Bone Marrow Mesenchymal Stem Cells as Treatment for Severe COVID-19â€• by Sengupta et al.. Stem Cells and Development, 2020, 29, 877-878.	2.1	24
34	Differential fluorescence nanoparticle tracking analysis for enumeration of the extracellular vesicle content in mixed particulate solutions. Methods, 2020, 177, 67-73.	3.8	21
35	Neoangiogenesis after combined transplantation of skeletal myoblasts and angiopoietic progenitors leads to increased cell engraftment and lower apoptosis rates in ischemic heart failure. Interactive Cardiovascular and Thoracic Surgery, 2007, 7, 249-255.	1.1	18
36	Phenotypic characterization and preclinical production of human lineage-negative cells for regenerative stem cell therapy. Transfusion, 2005, 45, 315-326.	1.6	17

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37	Heparin Differentially Impacts Gene Expression of Stromal Cells from Various Tissues. Scientific Reports, 2019, 9, 7258.	3.3	16
38	Structural insights into fusion mechanisms of small extracellular vesicles with model plasma membranes. Nanoscale, 2021, 13, 5224-5233.	5.6	16
39	The particle gel immunoassay as a rapid test to rule out heparin-induced thrombocytopenia?. Journal of Thoracic and Cardiovascular Surgery, 2009, 137, 781-783.	0.8	15
40	Globular domain of adiponectin: promising target molecule for detection of atherosclerotic lesions. Biologics: Targets and Therapy, 2011, 5, 95.	3.2	15
41	Red blood cell alloimmunization in 184 patients with myeloid neoplasms treated with azacitidine â€“ A retrospective single center experience. Leukemia Research, 2017, 59, 12-19.	0.8	15
42	Identification of an Effective Early Signaling Signature during Neo-Vasculogenesis In Vivo by Ex Vivo Proteomic Profiling. PLoS ONE, 2013, 8, e66909.	2.5	14
43	Tâ€Cell death, phosphatidylserine exposure and reduced proliferation rate to validate extracorporeal photochemotherapy. Vox Sanguinis, 2015, 108, 82-88.	1.5	13
44	Upregulation of mitotic bookmarking factors during enhanced proliferation of human stromal cells in human platelet lysate. Journal of Translational Medicine, 2019, 17, 432.	4.4	13
45	Seroprevalence of anti-SARS-CoV-2 total antibody is higher in younger Austrian blood donors. Infection, 2021, 49, 1187-1194.	4.7	13
46	Persistence of Naturally Acquired and Functional SARS-CoV-2 Antibodies in Blood Donors One Year after Infection. Viruses, 2022, 14, 637.	3.3	12
47	International Forum on GMPâ€grade human platelet lysate for cell propagation. Vox Sanguinis, 2018, 113, e1-e25.	1.5	11
48	Enhancing Functional Recovery Through Intralesional Application of Extracellular Vesicles in a Rat Model of Traumatic Spinal Cord Injury. Frontiers in Cellular Neuroscience, 2021, 15, 795008.	3.7	11
49	Pro-angiogenic induction of myeloid cells for therapeutic angiogenesis can induce mitogen-activated protein kinase p38-dependent foam cell formation. Cytotherapy, 2011, 13, 503-512.	0.7	9
50	Tri-lineage potential of intraoral tissue-derived mesenchymal stromal cells. Journal of Cranio-Maxillo-Facial Surgery, 2013, 41, 110-118.	1.7	9
51	Iron depletion with a novel apheresis system in patients with hemochromatosis. Transfusion, 2015, 55, 996-1000.	1.6	9
52	Regulation of Mesenchymal Progenitor Cell-Induced Neo-Vascularization by Endothelial Progenitor Cell-Derived Exosomes. Blood, 2012, 120, 5188-5188.	1.4	8
53	Human Platelet-Derived Factors Regulate Mesenchymal Stem Cell Gene Expression.. Blood, 2006, 108, 4255-4255.	1.4	7
54	Heparin and Derivatives for Advanced Cell Therapies. International Journal of Molecular Sciences, 2021, 22, 12041.	4.1	7

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55	An alternative mini buffy coat preparation method for adult patients with extracorporeal photopheresis contraindications. Journal of Clinical Apheresis, 2017, 32, 12-15.	1.3	5
56	Singleâ€use IgEâ€selective immunoadsorber column for the treatment of severe atopic dermatitis. Journal of Clinical Apheresis, 2020, 35, 50-58.	1.3	5
57	Multi-technique analysis of extracellular vesicles: not only size matters. Advances in Biomembranes and Lipid Self-Assembly, 2020, 32, 157-177.	0.6	5
58	GMP-Compliant Propagation of Human Multipotent Mesenchymal Stromal Cells. , 0, , 97-115.		3
59	Weiss Response to Sengupta et al. (DOI: 10.1089/scd.2020.0095). Stem Cells and Development, 2020, 29, 1533-1534.	2.1	3
60	Leukocyte-Reactive Antibodies in Female Blood Donors: The Austrian Experience. Transfusion Medicine and Hemotherapy, 2021, 48, 99-108.	1.6	3
61	Short Course in Extracellular Vesicles â€" The Transition from Tissue to Liquid Biopsies. Journal of Circulating Biomarkers, 2014, 3, 8.	1.3	2
62	Systemic Immune Profile Predicts the Development of Infections in Patients with Spinal Cord Injuries. Journal of Neurotrauma, 2022, 39, 1678-1686.	3.4	2
63	Animal Proteinâ€"Free Expansion of Human Mesenchymal Stem/Progenitor Cells. , 2012, , 53-69.		1
64	Association of circulating endothelial progenitor cell growth in patients with TypeÂ2 diabetes with type of glucoseâ€lowering treatment. Diabetic Medicine, 2007, 24, 926-927.	2.3	0
65	11. ZellulÃre Analyse mesenchymaler Stammund Progenitorzellen. , 2015, , 356-369.		0
66	Correction: Structural insights into fusion mechanisms of small extracellular vesicles with model plasma membranes. Nanoscale, 2021, 13, 13158-13158.	5.6	0
67	Immune Cells Mimic Endothelial Progenitor Colonies.. Blood, 2006, 108, 1811-1811.	1.4	0
68	Human Mesenchymal Stem Cell Therapy: Platelet Lysate Supports Efficient Preclinical Expansion.. Blood, 2006, 108, 3649-3649.	1.4	0
69	Excluding HIT Diagnosis by a Particle Gel Immunoassay.. Blood, 2008, 112, 3405-3405.	1.4	0
70	Combating Cardiovascular Disease: Is There a Risk of Foam Cell Formation in Transplanted Angiocompetent Cells Compromising Intended Beneficial Effects of Vascular Regenerative Therapy?.. Blood, 2008, 112, 1905-1905.	1.4	0
71	Making Functional Endothelial Progenitors: Humanized Large-Scale Animal Serum-Free Propagated Adult Blood-Derived Endothelial Colony-Forming Cells Assemble Stable Perfused Vessels in Vivo.. Blood, 2008, 112, 1882-1882.	1.4	0
72	Genomic Stability and Safety of MSCs after Animal Serum-Free Humanized Clinical Scale Propagation.. Blood, 2008, 112, 2307-2307.	1.4	0

#	Article	IF	Citations
73	From mesenchymal stem cells and stromal cells - from bench to bedside. Trillium Extracellular Vesicles, 2019, 1, 36-39.	0.3	0