

# Eckhard U Alt

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

2,552  
citations

236833

25  
h-index

243529

44  
g-index

46  
all docs

46  
docs citations

46  
times ranked

4150  
citing authors

#	ARTICLE	IF	CITATIONS
1	The cardioprotective effect of mesenchymal stem cells is mediated by IGF-I and VEGF. <i>Biochemical and Biophysical Research Communications</i> , 2007, 363, 674-679.	1.0	277
2	Aging alters tissue resident mesenchymal stem cell properties. <i>Stem Cell Research</i> , 2012, 8, 215-225.	0.3	260
3	IFATS Collection: Human Adipose-Derived Stem Cells Seeded on a Silk Fibroin-Chitosan Scaffold Enhance Wound Repair in a Murine Soft Tissue Injury Model. <i>Stem Cells</i> , 2009, 27, 250-258.	1.4	221
4	Both cultured and freshly isolated adipose tissue-derived stem cells enhance cardiac function after acute myocardial infarction. <i>European Heart Journal</i> , 2010, 31, 489-501.	1.0	201
5	Fibroblasts share mesenchymal phenotypes with stem cells, but lack their differentiation and colony-forming potential. <i>Biology of the Cell</i> , 2011, 103, 197-208.	0.7	180
6	Dermal matrix as a carrier for in vivo delivery of human adipose-derived stem cells. <i>Biomaterials</i> , 2008, 29, 1431-1442.	5.7	162
7	Molecular characterization of exosome-like vesicles from breast cancer cells. <i>BMC Cancer</i> , 2014, 14, 44.	1.1	132
8	VEGF is critical for spontaneous differentiation of stem cells into cardiomyocytes. <i>Biochemical and Biophysical Research Communications</i> , 2007, 354, 999-1003.	1.0	119
9	Epithelialâ€“mesenchymal transition in breast cancer lines is mediated through PDGFâ€“ released by tissueâ€“resident stem cells. <i>International Journal of Cancer</i> , 2012, 131, 1023-1031.	2.3	89
10	RSPO2 Enhances Canonical Wnt Signaling to Confer Stemness-Associated Traits to Susceptible Pancreatic Cancer Cells. <i>Cancer Research</i> , 2015, 75, 1883-1896.	0.4	65
11	Tracking Long-Term Survival of Intramyocardially Delivered Human Adipose Tissue-Derived Stem Cells Using Bioluminescence Imaging. <i>Molecular Imaging and Biology</i> , 2011, 13, 633-645.	1.3	57
12	Breast cancer cells attract the migration of adipose tissue-derived stem cells via the PDGF-BB/PDGFR- $\beta^2$ signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2010, 398, 601-605.	1.0	56
13	Effect of freshly isolated autologous tissue resident stromal cells on cardiac function and perfusion following acute myocardial infarction. <i>International Journal of Cardiology</i> , 2010, 144, 26-35.	0.8	49
14	Targeting the neurokinin-1 receptor inhibits growth of human colon cancer cells. <i>International Journal of Oncology</i> , 2015, 47, 151-160.	1.4	44
15	Targeting the Neurokinin-1 Receptor Compromises Canonical Wnt Signaling in Hepatoblastoma. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 2712-2721.	1.9	43
16	Adipose Tissueâ€“Derived Stem Cells Enhance Bioprosthetic Mesh Repair of Ventral Hernias. <i>Plastic and Reconstructive Surgery</i> , 2010, 126, 845-854.	0.7	40
17	Human Tissue-Resident Stem Cells Combined with Hyaluronic Acid Gel Provide Fibrovascular-Integrated Soft-Tissue Augmentation in a Murine Photoaged Skin Model. <i>Plastic and Reconstructive Surgery</i> , 2010, 125, 63-73.	0.7	38
18	Human adipose tissueâ€“derived stem cells exhibit proliferation potential and spontaneous rhythmic contraction after fusion with neonatal rat cardiomyocytes. <i>FASEB Journal</i> , 2011, 25, 830-839.	0.2	38

#	ARTICLE	IF	CITATIONS
19	Two sides of the same coin: stem cells in cancer and regenerative medicine. <i>FASEB Journal</i> , 2014, 28, 2748-2761.	0.2	38
20	Safety and efficacy of treating symptomatic, partial-thickness rotator cuff tears with fresh, uncultured, unmodified, autologous adipose-derived regenerative cells (UA-ADRCs) isolated at the point of care: a prospective, randomized, controlled first-in-human pilot study. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 122.	0.9	38
21	Peripheral Motor and Sensory Nerve Conduction following Transplantation of Undifferentiated Autologous Adipose Tissueâ€‘Derived Stem Cells in a Biodegradable U.S. Food and Drug Administrationâ€‘Approved Nerve Conduit. <i>Plastic and Reconstructive Surgery</i> , 2016, 138, 132-139.	0.7	37
22	Isolation of adipose tissue derived regenerative cells from human subcutaneous tissue with or without the use of an enzymatic reagent. <i>PLoS ONE</i> , 2019, 14, e0221457.	1.1	31
23	Low expression of galectin-3 is associated with poor survival in node-positive breast cancers and mesenchymal phenotype in breast cancer stem cells. <i>Breast Cancer Research</i> , 2016, 18, 97.	2.2	28
24	VEGF receptor Flkâ€‘1 plays an important role in câ€‘kit expression in adipose tissue derived stem cells. <i>FEBS Letters</i> , 2007, 581, 4681-4684.	1.3	26
25	Cell-Assisted Lipotransfer for Cosmetic Breast Augmentation: Supportive Use of Adipose-Derived Stem/Stromal Cells. <i>Aesthetic Plastic Surgery</i> , 2008, 32, 56-57.	0.5	26
26	Cell surface galectin-3 defines a subset of chemoresistant gastrointestinal tumor-initiating cancer cells with heightened stem cell characteristics. <i>Cell Death and Disease</i> , 2016, 7, e2337-e2337.	2.7	25
27	Towards a Comprehensive Understanding of UA-ADRCs (Uncultured, Autologous, Fresh, Unmodified,) Tj ETQq1 1 0.784314 rgBT /Ove 1097.	1.8	25
28	JNK pathway inhibition selectively primes pancreatic cancer stem cells to TRAIL-induced apoptosis without affecting the physiology of normal tissue resident stem cells. <i>Oncotarget</i> , 2016, 7, 9890-9906.	0.8	24
29	Improved Method for Isolation of Neonatal Rat Cardiomyocytes with Increased Yield of C-Kit+ Cardiac Progenitor Cells. <i>Journal of Stem Cell Research &amp; Therapy</i> , 2015, 05, 1-8.	0.3	22
30	Breast Tumor Microenvironment Can Transform Naive Mesenchymal Stem Cells into Tumor-Forming Cells in Nude Mice. <i>Stem Cells and Development</i> , 2019, 28, 341-352.	1.1	22
31	Stem cell induced cardiac regeneration: Fusion/mitochondrial exchange and/or transdifferentiation?. <i>Cell Cycle</i> , 2011, 10, 2281-2286.	1.3	19
32	Improved guided bone regeneration by combined application of unmodified, fresh autologous adipose derived regenerative cells and plasma rich in growth factors: A first-in-human case report and literature review. <i>World Journal of Stem Cells</i> , 2019, 11, 124-146.	1.3	18
33	First immunohistochemical evidence of human tendon repair following stem cell injection: A case report and review of literature. <i>World Journal of Stem Cells</i> , 2021, 13, 944-970.	1.3	13
34	NPR3 protects cardiomyocytes from apoptosis through inhibition of cytosolic BRCA1 and TNF-Î±. <i>Cell Cycle</i> , 2016, 15, 2414-2419.	1.3	12
35	Unmodified autologous stem cells at point of care for chronic myocardial infarction. <i>World Journal of Stem Cells</i> , 2019, 11, 831-858.	1.3	12
36	Increased Efficiency for Biallelic Mutations of the CCR5 Gene by CRISPR-Cas9 Using Multiple Guide RNAs As a Novel Therapeutic Option for Human Immunodeficiency Virus. <i>CRISPR Journal</i> , 2021, 4, 92-103.	1.4	10

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37	Why and how to use the body's own stem cells for regeneration in musculoskeletal disorders: a primer. <i>Journal of Orthopaedic Surgery and Research</i> , 2022, 17, 36.	0.9	10
38	Perspective: Why and How Ubiquitously Distributed, Vascular-Associated, Pluripotent Stem Cells in the Adult Body (vaPS Cells) Are the Next Generation of Medicine. <i>Cells</i> , 2021, 10, 2303.	1.8	8
39	A New Humanized Mouse Model Mimics Humans in Lacking $\alpha$ -Gal Epitopes and Secreting Anti-Gal Antibodies. <i>Journal of Immunology</i> , 2020, 204, 1998-2005.	0.4	7
40	Methodological Flaws in Meta-Analyses of Clinical Studies on the Management of Knee Osteoarthritis with Stem Cells: A Systematic Review. <i>Cells</i> , 2022, 11, 965.	1.8	7
41	Biallelic, Selectable, Knock-in Targeting of CCR5 via CRISPR-Cas9 Mediated Homology Directed Repair Inhibits HIV-1 Replication. <i>Frontiers in Immunology</i> , 2022, 13, 821190.	2.2	7
42	Targeting TRAF3IP2, Compared to Rab27, is More Effective in Suppressing the Development and Metastasis of Breast Cancer. <i>Scientific Reports</i> , 2020, 10, 8834.	1.6	6
43	Identification and Targeting of Thomsen's "Friedenreich and IL1RAP Antigens on Chronic Myeloid Leukemia Stem Cells Using Bi-Specific Antibodies. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 609-621.	1.0	5
44	Die Verwendung körpereigener Stammzellen in der regenerativen Medizin. <i>Osteopathische Medizin</i> , 2021, 22, 27-30.	0.2	0