Eckhard U Alt

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5595943/publications.pdf

Version: 2024-02-01

44	2,552	236925	243625
papers	citations	25 h-index	44 g-index

46	46	46	4150
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The cardioprotective effect of mesenchymal stem cells is mediated by IGF-I and VEGF. Biochemical and Biophysical Research Communications, 2007, 363, 674-679.	2.1	277
2	Aging alters tissue resident mesenchymal stem cell properties. Stem Cell Research, 2012, 8, 215-225.	0.7	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. Stem Cells, 2009, 27, 250-258.	3.2	221
4	Both cultured and freshly isolated adipose tissue-derived stem cells enhance cardiac function after acute myocardial infarction. European Heart Journal, 2010, 31, 489-501.	2.2	201
5	Fibroblasts share mesenchymal phenotypes with stem cells, but lack their differentiation and colony-forming potential. Biology of the Cell, 2011, 103, 197-208.	2.0	180
6	Dermal matrix as a carrier for in vivo delivery of human adipose-derived stem cells. Biomaterials, 2008, 29, 1431-1442.	11.4	162
7	Molecular characterization of exosome-like vesicles from breast cancer cells. BMC Cancer, 2014, 14, 44.	2.6	132
8	VEGF is critical for spontaneous differentiation of stem cells into cardiomyocytes. Biochemical and Biophysical Research Communications, 2007, 354, 999-1003.	2.1	119
9	Epithelialâ€“mesenchymal transition in breast cancer lines is mediated through PDGFâ€Ð released by tissueâ€resident stem cells. International Journal of Cancer, 2012, 131, 1023-1031.	5.1	89
10	RSPO2 Enhances Canonical Wnt Signaling to Confer Stemness-Associated Traits to Susceptible Pancreatic Cancer Cells. Cancer Research, 2015, 75, 1883-1896.	0.9	65
11	Tracking Long-Term Survival of Intramyocardially Delivered Human Adipose Tissue-Derived Stem Cells Using Bioluminescence Imaging. Molecular Imaging and Biology, 2011, 13, 633-645.	2.6	57
12	Breast cancer cells attract the migration of adipose tissue-derived stem cells via the PDGF-BB/PDGFR-Î² signaling pathway. Biochemical and Biophysical Research Communications, 2010, 398, 601-605.	2.1	56
13	Effect of freshly isolated autologous tissue resident stromal cells on cardiac function and perfusion following acute myocardial infarction. International Journal of Cardiology, 2010, 144, 26-35.	1.7	49
14	Targeting the neurokinin-1 receptor inhibits growth of human colon cancer cells. International Journal of Oncology, 2015, 47, 151-160.	3.3	44
15	Targeting the Neurokinin-1 Receptor Compromises Canonical Wnt Signaling in Hepatoblastoma. Molecular Cancer Therapeutics, 2015, 14, 2712-2721.	4.1	43
16	Adipose Tissueâ€Derived Stem Cells Enhance Bioprosthetic Mesh Repair of Ventral Hernias. Plastic and Reconstructive Surgery, 2010, 126, 845-854.	1.4	40
17	Human Tissue-Resident Stem Cells Combined with Hyaluronic Acid Gel Provide Fibrovascular-Integrated Soft-Tissue Augmentation in a Murine Photoaged Skin Model. Plastic and Reconstructive Surgery, 2010, 125, 63-73.	1.4	38
18	Human adipose tissueâ€derived stem cells exhibit proliferation potential and spontaneous rhythmic contraction after fusion with neonatal rat cardiomyocytes. FASEB Journal, 2011, 25, 830-839.	0.5	38

#	Article	IF	Citations
19	Two sides of the same coin: stem cells in cancer and regenerative medicine. FASEB Journal, 2014, 28, 2748-2761.	0.5	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. Journal of Orthopaedic Surgery and Research, 2020, 15, 122.	2.3	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. Plastic and Reconstructive Surgery, 2016, 138, 132-139.	1.4	37
22	Isolation of adipose tissue derived regenerative cells from human subcutaneous tissue with or without the use of an enzymatic reagent. PLoS ONE, 2019, 14, e0221457.	2.5	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. Breast Cancer Research, 2016, 18, 97.	5.0	28
24	VEGF receptor Flkâ€1 plays an important role in câ€kit expression in adipose tissue derived stem cells. FEBS Letters, 2007, 581, 4681-4684.	2.8	26
25	Cell-Assisted Lipotransfer for Cosmetic Breast Augmentation: Supportive Use of Adipose-Derived Stem/Stromal Cells. Aesthetic Plastic Surgery, 2008, 32, 56-57.	0.9	26
26	Cell surface galectin-3 defines a subset of chemoresistant gastrointestinal tumor-initiating cancer cells with heightened stem cell characteristics. Cell Death and Disease, 2016, 7, e2337-e2337.	6.3	25
27	Towards a Comprehensive Understanding of UA-ADRCs (Uncultured, Autologous, Fresh, Unmodified,) Tj ETQq1 1 0.784314 rgBT /Ove 1097.	4.1	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. Oncotarget, 2016, 7, 9890-9906.	1.8	24
29	Improved Method for Isolation of Neonatal Rat Cardiomyocytes with Increased Yield of C-Kit+ Cardiac Progenitor Cells. Journal of Stem Cell Research & Therapy, 2015, 05, 1-8.	0.3	22
30	Breast Tumor Microenvironment Can Transform Naive Mesenchymal Stem Cells into Tumor-Forming Cells in Nude Mice. Stem Cells and Development, 2019, 28, 341-352.	2.1	22
31	Stem cell induced cardiac regeneration: Fusion/mitochondrial exchange and/or transdifferentiation?. Cell Cycle, 2011, 10, 2281-2286.	2.6	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. World Journal of Stem Cells, 2019, 11, 124-146.	2.8	18
33	First immunohistochemical evidence of human tendon repair following stem cell injection: A case report and review of literature. World Journal of Stem Cells, 2021, 13, 944-970.	2.8	13
34	NPR3 protects cardiomyocytes from apoptosis through inhibition of cytosolic BRCA1 and TNF-Î±. Cell Cycle, 2016, 15, 2414-2419.	2.6	12
35	Unmodified autologous stem cells at point of care for chronic myocardial infarction. World Journal of Stem Cells, 2019, 11, 831-858.	2.8	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. CRISPR Journal, 2021, 4, 92-103.	2.9	10

#	Article	IF	Citations
37	Why and how to use the body's own stem cells for regeneration in musculoskeletal disorders: a primer. Journal of Orthopaedic Surgery and Research, 2022, 17, 36.	2.3	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. Cells, 2021, 10, 2303.	4.1	8
39	A New Humanized Mouse Model Mimics Humans in Lacking Î±-Gal Epitopes and Secreting Anti-Gal Antibodies. Journal of Immunology, 2020, 204, 1998-2005.	0.8	7
40	Methodological Flaws in Meta-Analyses of Clinical Studies on the Management of Knee Osteoarthritis with Stem Cells: A Systematic Review. Cells, 2022, 11, 965.	4.1	7
41	Biallelic, Selectable, Knock-in Targeting of CCR5 via CRISPR-Cas9 Mediated Homology Directed Repair Inhibits HIV-1 Replication. Frontiers in Immunology, 2022, 13, 821190.	4.8	7
42	Targeting TRAF3IP2, Compared to Rab27, is More Effective in Suppressing the Development and Metastasis of Breast Cancer. Scientific Reports, 2020, 10, 8834.	3.3	6
43	Identification and Targeting of Thomsenâ€“Friedenreich and IL1RAP Antigens on Chronic Myeloid Leukemia Stem Cells Using Bi-Specific Antibodies. OncoTargets and Therapy, 2021, Volume 14, 609-621.	2.0	5
44	Die Verwendung kÃ¶rpereigener Stammzellen in der regenerativen Medizin. Osteopathische Medizin, 2021, 22, 27-30.	0.2	0