

Jörg Fiedler

List of Publications by Year in descending order

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18
papers

1,093
citations

840776

11
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

1860
citing authors

#	ARTICLE	IF	CITATIONS
1	BMP-2, BMP-4, and PDGF- β stimulate chemotactic migration of primary human mesenchymal progenitor cells. <i>Journal of Cellular Biochemistry</i> , 2002, 87, 305-312.	2.6	354
2	VEGF-A and PlGF-1 stimulate chemotactic migration of human mesenchymal progenitor cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 334, 561-568.	2.1	176
3	To go or not to go: Migration of human mesenchymal progenitor cells stimulated by isoforms of PDGF. <i>Journal of Cellular Biochemistry</i> , 2004, 93, 990-998.	2.6	159
4	IGF-I and IGF-II stimulate directed cell migration of bone-marrow-derived human mesenchymal progenitor cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 345, 1177-1183.	2.1	106
5	The effect of substrate surface nanotopography on the behavior of multipotent mesenchymal stromal cells and osteoblasts. <i>Biomaterials</i> , 2013, 34, 8851-8859.	11.4	94
6	Copper and Silver ion Implantation of Aluminium Oxide-Blasted Titanium Surfaces: Proliferative Response of Osteoblasts and Antibacterial Effects. <i>International Journal of Artificial Organs</i> , 2011, 34, 882-888.	1.4	40
7	Crucial Role of IL1 β and C3a in the In Vitro-Response of Multipotent Mesenchymal Stromal Cells to Inflammatory Mediators of Polytrauma. <i>PLoS ONE</i> , 2015, 10, e0116772.	2.5	39
8	X-linked spondyloepiphyseal dysplasia tarda: Novel and recurrent mutations in 13 European families. <i>Human Mutation</i> , 2004, 24, 103-103.	2.5	27
9	Improved Anchorage of Ti6Al4V Orthopaedic Bone Implants through Oligonucleotide Mediated Immobilization of BMP-2 in Osteoporotic Rats. <i>PLoS ONE</i> , 2014, 9, e86151.	2.5	20
10	X-Linked Spondyloepiphyseal Dysplasia Tarda: Molecular Cause of a Heritable Platyspondyly. <i>Spine</i> , 2003, 28, E478-E482.	2.0	15
11	Guidance of Mesenchymal Stem Cells on Fibronectin Structured Hydrogel Films. <i>PLoS ONE</i> , 2014, 9, e109411.	2.5	14
12	X-linked spondyloepiphyseal dysplasia tardaMolecular cause of a heritable disorder associated with early degenerative joint disease. <i>Acta Orthopaedica</i> , 2003, 74, 737-741.	1.4	11
13	Differential Interactive Effects of Cartilage Traumatization and Blood Exposure In Vitro and In Vivo. <i>American Journal of Sports Medicine</i> , 2015, 43, 2822-2832.	4.2	10
14	Systemic recovery and therapeutic effects of transplanted allogenic and xenogenic mesenchymal stromal cells in a rat blunt chest trauma model. <i>Cytotherapy</i> , 2018, 20, 218-231.	0.7	9
15	New Insights into Xenotransplantation for Cartilage Repair: Porcine Multi-Genetically Modified Chondrocytes as a Promising Cell Source. <i>Cells</i> , 2021, 10, 2152.	4.1	7
16	Effects of Ti6Al4V Surfaces Manufactured through Precision Centrifugal Casting and Modified by Calcium and Phosphorus Ion Implantation on Human Osteoblasts. <i>Metals</i> , 2020, 10, 1681.	2.3	5
17	Optimizing Manufacturing and Osseointegration of Ti6Al4V Implants through Precision Casting and Calcium and Phosphorus Ion Implantation? In Vivo Results of a Large-Scale Animal Trial. <i>Materials</i> , 2020, 13, 1670.	2.9	5
18	NCO-sP(EO-stat-PO) surface coatings preserve biochemical properties of RGD peptides. <i>International Journal of Molecular Medicine</i> , 2010, 27, 139-45.	4.0	2