

Chiara Gentili

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,639
citations

304368

22
h-index

360668

35
g-index

37
all docs

37
docs citations

37
times ranked

2441
citing authors

#	ARTICLE	IF	CITATIONS
1	Cartilage and Bone Extracellular Matrix. <i>Current Pharmaceutical Design</i> , 2009, 15, 1334-1348.	0.9	199
2	Transferrin Promotes Endothelial Cell Migration and Invasion: Implication in Cartilage Neovascularization. <i>Journal of Cell Biology</i> , 1997, 136, 1375-1384.	2.3	134
3	p38/NF- κ B-dependent expression of COX-2 during differentiation and inflammatory response of chondrocytes. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 1393-1406.	1.2	120
4	A Cell-free Scaffold-based Cartilage Repair Provides Improved Function Hyaline-like Repair at One year. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 910-919.	0.7	111
5	Dual Effect of Platelet Lysate on Human Articular Cartilage: A Maintenance of Chondrogenic Potential and a Transient Proinflammatory Activity Followed by an Inflammation Resolution. <i>Tissue Engineering - Part A</i> , 2013, 19, 1476-1488.	1.6	101
6	Amniotic liquid derived stem cells as reservoir of secreted angiogenic factors capable of stimulating neo-arteriogenesis in an ischemic model. <i>Biomaterials</i> , 2011, 32, 3689-3699.	5.7	96
7	Development of Articular Cartilage: What Do We Know About it and How May It Occur?. <i>Connective Tissue Research</i> , 2000, 41, 175-184.	1.1	71
8	Indian hedgehog and syndecans-3 coregulate chondrocyte proliferation and function during chick limb skeletogenesis. <i>Developmental Dynamics</i> , 2004, 229, 607-617.	0.8	60
9	The Regenerative Role of the Fetal and Adult Stem Cell Secretome. <i>Journal of Clinical Medicine</i> , 2013, 2, 302-327.	1.0	59
10	Anti-inflammatory activity of monogalactosyldiacylglycerol in human articular cartilage in vitro: activation of an anti-inflammatory cyclooxygenase-2 (COX-2) pathway. <i>Arthritis Research and Therapy</i> , 2011, 13, R92.	1.6	58
11	Vis- \bar{A} -Vis Cells and the Priming of Bone Formation. <i>Journal of Bone and Mineral Research</i> , 1998, 13, 1852-1861.	3.1	52
12	Cartilage repair in the knee with subchondral drilling augmented with a platelet-rich plasma-immersed polymer-based implant. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 1225-1234.	2.3	52
13	Proangiogenic Soluble Factors from Amniotic Fluid Stem Cells Mediate the Recruitment of Endothelial Progenitors in a Model of Ischemic Fasciocutaneous Flap. <i>Stem Cells and Development</i> , 2012, 21, 2179-2188.	1.1	48
14	The Developmentally Regulated Avian Ch21 Lipocalin Is an Extracellular Fatty Acid-binding Protein. <i>Journal of Biological Chemistry</i> , 1996, 271, 20163-20169.	1.6	41
15	Syndecan-3: a cell-surface heparan sulfate proteoglycan important for chondrocyte proliferation and function during limb skeletogenesis. <i>Journal of Bone and Mineral Metabolism</i> , 2005, 23, 191-199.	1.3	41
16	Recruitment of host's progenitor cells to sites of human amniotic fluid stem cells implantation. <i>Biomaterials</i> , 2011, 32, 4218-4227.	5.7	36
17	Growth Factors Delivery System for Skin Regeneration: An Advanced Wound Dressing. <i>Pharmaceutics</i> , 2020, 12, 120.	2.0	36
18	Extracellular fatty acid binding protein (Ex-FABP) modulation by inflammatory agents: a physiological acute phase response in endochondral bone formation. <i>European Journal of Cell Biology</i> , 2000, 79, 155-164.	1.6	35

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19	Monogalactosyldiacylglycerol anti-inflammatory activity on adult articular cartilage. <i>Natural Product Research</i> , 2009, 23, 754-762.	1.0	30
20	Progenitor Cells Activated by Platelet Lysate in Human Articular Cartilage as a Tool for Future Cartilage Engineering and Reparative Strategies. <i>Cells</i> , 2020, 9, 1052.	1.8	30
21	Antiangiogenic Treatment Delays Chondrocyte Maturation and Bone Formation During Limb Skeletogenesis. <i>Journal of Bone and Mineral Research</i> , 2002, 17, 56-65.	3.1	29
22	Role of Extracellular Vesicles from Adipose Tissue- and Bone Marrow-Mesenchymal Stromal Cells in Endothelial Proliferation and Chondrogenesis. <i>Stem Cells Translational Medicine</i> , 2021, 10, 1680-1695.	1.6	25
23	The Secretome Derived From Mesenchymal Stromal Cells Cultured in a Xeno-Free Medium Promotes Human Cartilage Recovery in vitro. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 90.	2.0	23
24	Expression of the Extracellular Fatty Acid Binding Protein (Ex-FABP) during Muscle Fiber Formation in Vivo and in Vitro. <i>Experimental Cell Research</i> , 1998, 242, 410-418.	1.2	22
25	Developing an automated robotic factory for novel stem cell therapy production. <i>Regenerative Medicine</i> , 2016, 11, 351-354.	0.8	22
26	Amniotic fluid stem cells in a bone microenvironment: Driving host angiogenic response. <i>Stem Cell Research</i> , 2013, 11, 540-551.	0.3	20
27	Human Articular Chondrocytes Regulate Immune Response by Affecting Directly T Cell Proliferation and Indirectly Inhibiting Monocyte Differentiation to Professional Antigen-Presenting Cells. <i>Frontiers in Immunology</i> , 2016, 7, 415.	2.2	20
28	Title is missing!. <i>Molecular and Cellular Biochemistry</i> , 2002, 239, 221-225.	1.4	16
29	A humanized system to expand in vitro amniotic fluid-derived stem cells intended for clinical application. <i>Cytotherapy</i> , 2016, 18, 438-451.	0.3	13
30	Ex-FABP, extracellular fatty acid binding protein, is a stress lipocalin expressed during chicken embryo development. <i>Molecular and Cellular Biochemistry</i> , 2002, 239, 221-5.	1.4	10
31	Tissue Engineering Approaches in Skeletal Pediatric Disorders. <i>European Journal of Pediatric Surgery</i> , 2014, 24, 263-269.	0.7	9
32	Beta-tricalcium phosphate ceramic triggers fast and robust bone formation by human mesenchymal stem cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 1007-1018.	1.3	8
33	Gene activated matrices for bone and cartilage regeneration in arthritis. <i>European Journal of Nanomedicine</i> , 2012, 4, .	0.6	5
34	Phenotypic characterization of Grm1 crv4 mice reveals a functional role for the type 1 metabotropic glutamate receptor in bone mineralization. <i>Bone</i> , 2017, 94, 114-123.	1.4	4
35	Ex-FABP, extracellular fatty acid binding protein, is a stress lipocalin expressed during chicken embryo development. , 2002, , 221-225.		1
36	Retinoids and Indian Hedgehog Orchestrate Long Bone Development. , 2004, , 159-170.		0