

Livia Roseti

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,034
citations

471061

17
h-index

395343

33
g-index

41
all docs

41
docs citations

41
times ranked

3163
citing authors

#	ARTICLE	IF	CITATIONS
1	Scaffolds for Bone Tissue Engineering: State of the art and new perspectives. <i>Materials Science and Engineering C</i> , 2017, 78, 1246-1262.	3.8	919
2	Transplantation of chondrocytes seeded on a hyaluronan derivative (Hyaff®-11) into cartilage defects in rabbits. <i>Biomaterials</i> , 2001, 22, 2417-2424.	5.7	255
3	Articular Cartilage Regeneration in Osteoarthritis. <i>Cells</i> , 2019, 8, 1305.	1.8	113
4	Differential roles of nitric oxide and oxygen radicals in chondrocytes affected by osteoarthritis and rheumatoid arthritis. <i>Clinical Science</i> , 2001, 101, 593-599.	1.8	87
5	Three-Dimensional Bioprinting of Cartilage by the Use of Stem Cells: A Strategy to Improve Regeneration. <i>Materials</i> , 2018, 11, 1749.	1.3	73
6	Patient-specific meniscus prototype based on 3D bioprinting of human cell-laden scaffold. <i>Bone and Joint Research</i> , 2019, 8, 101-106.	1.3	65
7	Transplantation of chondrocytes seeded on collagen-based scaffold in cartilage defects in rabbits. <i>Journal of Biomedical Materials Research - Part A</i> , 2005, 75A, 612-622.	2.1	55
8	Human articular chondrocytes immortalized by HPV-16 E6 and E7 genes. <i>Osteoarthritis and Cartilage</i> , 2002, 10, 879-889.	0.6	50
9	Differential roles of nitric oxide and oxygen radicals in chondrocytes affected by osteoarthritis and rheumatoid arthritis. <i>Clinical Science</i> , 2001, 101, 593.	1.8	43
10	Down regulation of degenerative cartilage molecules in chondrocytes grown on a hyaluronan-based scaffold. <i>Biomaterials</i> , 2005, 26, 5668-5676.	5.7	41
11	Molecular and Immunohistological Characterization of Human Cartilage Two Years Following Autologous Cell Transplantation. <i>Journal of Bone and Joint Surgery - Series A</i> , 2005, 87, 46-57.	1.4	38
12	Human chondrocytes and mesenchymal stem cells grown onto engineered scaffold. <i>Biorheology</i> , 2006, 43, 471-80.	1.2	35
13	A molecular and histological characterization of cartilage from patients with Morquio syndrome. <i>Osteoarthritis and Cartilage</i> , 2007, 15, 1311-1317.	0.6	34
14	Differential roles of nitric oxide and oxygen radicals in chondrocytes affected by osteoarthritis and rheumatoid arthritis. <i>Clinical Science</i> , 2001, 101, 593-9.	1.8	26
15	Learning from Monocyte-Macrophage Fusion and Multinucleation: Potential Therapeutic Targets for Osteoporosis and Rheumatoid Arthritis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6001.	1.8	24
16	A Roadmap of In Vitro Models in Osteoarthritis: A Focus on Their Biological Relevance in Regenerative Medicine. <i>Journal of Clinical Medicine</i> , 2021, 10, 1920.	1.0	20
17	White cell apoptosis in platelet concentrates. <i>Transfusion</i> , 2000, 40, 160-168.	0.8	19
18	3D printing of musculoskeletal tissues: impact on safety and health at work. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2019, 82, 891-912.	1.1	18

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19	Ligament repair: A molecular and immunohistological characterization. Journal of Biomedical Materials Research - Part A, 2008, 84A, 117-127.	2.1	17
20	Cell manipulation in autologous chondrocyte implantation: from research to cleanroom. La Chirurgia Degli Organi Di Movimento, 2008, 91, 147-151.	0.2	15
21	Cathepsin B as a soluble marker to monitor the phenotypic stability of engineered cartilage. Biomaterials, 2003, 24, 1751-1757.	5.7	13
22	Media Fill for Validation of a Good Manufacturing Practice-Compliant Cell Production Process. Methods in Molecular Biology, 2014, 1283, 161-169.	0.4	8
23	Standard Operating Procedure for the Good Manufacturing Practice-Compliant Production of Human Bone Marrow Mesenchymal Stem Cells. Methods in Molecular Biology, 2014, 1283, 171-186.	0.4	8
24	Cartilage Tissue Engineering by Extrusion Bioprinting: Process Analysis, Risk Evaluation, and Mitigation Strategies. Materials, 2021, 14, 3528.	1.3	8
25	MOLECULAR AND IMMUNOHISTOLOGICAL CHARACTERIZATION OF HUMAN CARTILAGE TWO YEARS FOLLOWING AUTOLOGOUS CELL TRANSPLANTATION. Journal of Bone and Joint Surgery - Series A, 2005, 87, 46-57.	1.4	7
26	Osteochondritis dissecans. Histopathology, 2007, 51, 133-134.	1.6	6
27	Host Environment: Scaffolds and Signaling (Tissue Engineering) Articular Cartilage Regeneration: Cells, Scaffolds, and Growth Factors. , 2017, , 87-103.		6
28	Current concepts and perspectives for articular cartilage regeneration. Journal of Experimental Orthopaedics, 2022, 9, .	0.8	6
29	In vitro gene and chromosome characterization of expanded bone marrow mesenchymal stem cells for musculo-skeletal applications. European Review for Medical and Pharmacological Sciences, 2014, 18, 3702-11.	0.5	5
30	Failure Mode and Effects Analysis to Reduce Risks of Errors in the Good Manufacturing Practice Production of Engineered Cartilage for Autologous Chondrocyte Implantation. Current Pharmaceutical Analysis, 2015, 12, 43-54.	0.3	4
31	Histopathological Signatures of the Femoral Head in Patients with Osteonecrosis and Potential Applications in a Multi-Targeted Approach: A Pilot Study. Applied Sciences (Switzerland), 2020, 10, 3945.	1.3	3
32	Development of Human Chondrocyte-Based Medicinal Products for Autologous Cell Therapy. , 0, , .		2
33	Induction of original phenotype of human immortalized chondrocytes: A quantitative gene expression analysis. International Journal of Molecular Medicine, 0, , .	1.8	2
34	A novel DNA profiling application for the monitoring of cross-contamination in autologous chondrocyte implantation. European Review for Medical and Pharmacological Sciences, 2013, 17, 820-33.	0.5	1
35	Good manufacturing practices in autologous chondrocyte implantation: the experience in a public hospital. Osteoarthritis and Cartilage, 2012, 20, S132.	0.6	0
36	COVID-19 Impact on Musculoskeletal Regenerative Medicine Research: Maintaining Lab Continuity. International Journal of Environmental Research and Public Health, 2021, 18, 6110.	1.2	0

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37	Measures to minimize cross-contamination risks in Advanced Therapy Medicinal Product manufacturing. ScienceOpen Research, 2014, .	0.6	0
38	Tissue Engineering: Scaffolds and Bio-Tissues. , 2022, , 207-216.		0