

Elena Stocco

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,013
citations

516561

16
h-index

477173

29
g-index

32
all docs

32
docs citations

32
times ranked

1351
citing authors

#	ARTICLE	IF	CITATIONS
1	Tissue-Engineered Grafts from Human Decellularized Extracellular Matrices: A Systematic Review and Future Perspectives. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4117.	1.8	225
2	Contribution of Infrapatellar Fat Pad and Synovial Membrane to Knee Osteoarthritis Pain. <i>BioMed Research International</i> , 2019, 2019, 1-18.	0.9	109
3	Sympathetic activation: a potential link between comorbidities and COVID-19. <i>FEBS Journal</i> , 2020, 287, 3681-3688.	2.2	99
4	The infrapatellar fat pad and the synovial membrane: an anatomofunctional unit. <i>Journal of Anatomy</i> , 2018, 233, 146-154.	0.9	95
5	Tailored PVA/ECM Scaffolds for Cartilage Regeneration. <i>BioMed Research International</i> , 2014, 2014, 1-12.	0.9	47
6	Platelet-Rich Fibrin Scaffolds for Cartilage and Tendon Regenerative Medicine: From Bench to Bedside. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1701.	1.8	47
7	Infrapatellar Fat Pad Stem Cells Responsiveness to Microenvironment in Osteoarthritis: From Morphology to Function. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 323.	1.8	36
8	The potential role of the carotid body in COVID-19. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L620-L626.	1.3	33
9	Partially oxidized polyvinyl alcohol conduit for peripheral nerve regeneration. <i>Scientific Reports</i> , 2018, 8, 604.	1.6	31
10	Meniscus regeneration by 3D printing technologies: Current advances and future perspectives. <i>Journal of Tissue Engineering</i> , 2022, 13, 204173142110658.	2.3	28
11	Partially oxidized polyvinyl alcohol as a promising material for tissue engineering. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 2060-2070.	1.3	26
12	Development of Oxidized Polyvinyl Alcohol-Based Nerve Conduits Coupled with the Ciliary Neurotrophic Factor. <i>Materials</i> , 2019, 12, 1996.	1.3	26
13	Enhanced Biomechanical Properties of Polyvinyl Alcohol-Based Hybrid Scaffolds for Cartilage Tissue Engineering. <i>Processes</i> , 2021, 9, 730.	1.3	25
14	Autologous chondrocytes as a novel source for neo-chondrogenesis in haemophiliacs. <i>Cell and Tissue Research</i> , 2016, 366, 51-61.	1.5	19
15	Composite Scaffolds Based on Intestinal Extracellular Matrices and Oxidized Polyvinyl Alcohol: A Preliminary Study for a New Regenerative Approach in Short Bowel Syndrome. <i>BioMed Research International</i> , 2018, 2018, 1-13.	0.9	19
16	Halogen-Mediated Partial Oxidation of Polyvinyl Alcohol for Tissue Engineering Purposes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 801.	1.8	18
17	Infrapatellar Fat Pad-Synovial Membrane Anatomofunctional Unit: Microscopic Basis for Piezo1/2 Mechanosensors Involvement in Osteoarthritis Pain. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 10, .	1.8	18
18	In vitro assessment of TAT- α Ciliary Neurotrophic Factor therapeutic potential for peripheral nerve regeneration. <i>Toxicology and Applied Pharmacology</i> , 2016, 309, 121-128.	1.3	17

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19	New bioresorbable wraps based on oxidized polyvinyl alcohol and leukocyte-fibrin-platelet membrane to support peripheral nerve neurorrhaphy: preclinical comparison versus NeuraWrap. <i>Scientific Reports</i> , 2019, 9, 17193.	1.6	14
20	Growth Factors in the Carotid Body—An Update. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7267.	1.8	14
21	Case Report: The Carotid Body in COVID-19: Histopathological and Virological Analyses of an Autopsy Case Series. <i>Frontiers in Immunology</i> , 2021, 12, 736529.	2.2	12
22	Receptor—Receptor Interactions of G Protein-Coupled Receptors in the Carotid Body: A Working Hypothesis. <i>Frontiers in Physiology</i> , 2018, 9, 697.	1.3	9
23	Age-Dependent Remodeling in Infrapatellar Fat Pad Adipocytes and Extracellular Matrix: A Comparative Study. <i>Frontiers in Medicine</i> , 2021, 8, 661403.	1.2	9
24	Hypopharyngeal Ulcers in COVID-19: Histopathological and Virological Analyses — A Case Report. <i>Frontiers in Immunology</i> , 2021, 12, 676828.	2.2	8
25	Time-dependent mechanical behavior of partially oxidized polyvinyl alcohol hydrogels for tissue engineering. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 125, 104966.	1.5	8
26	Preclinical Development of Bioengineered Allografts Derived from Decellularized Human Diaphragm. <i>Biomedicines</i> , 2022, 10, 739.	1.4	8
27	Bioactivated Oxidized Polyvinyl Alcohol towards Next-Generation Nerve Conduits Development. <i>Polymers</i> , 2021, 13, 3372.	2.0	7
28	Experimental Evidence of A2A—D2 Receptor—Receptor Interactions in the Rat and Human Carotid Body. <i>Frontiers in Physiology</i> , 2021, 12, 645723.	1.3	3
29	Comment on —Recent Advance in Source, Property, Differentiation, and Applications of Infrapatellar Fat Pad Adipose-Derived Stem Cells— <i>Stem Cells International</i> , 2021, 2021, 1-2.	1.2	1
30	Case Report: Sudden Fatal Hemorrhage in Ulcerative Fungal Laryngotracheitis—A Pediatric Case Report. <i>Frontiers in Pediatrics</i> , 2021, 9, 764027.	0.9	1
31	Editorial: Mesechymal-Like Stem Cells in Osteoarthritis and Inflammation: The Priming Role of the Environment. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 889210.	1.8	1
32	RE: Onuma H, Tsuji K, Hoshino T, Inomata K, Udo M, Nakagawa Y, Katagiri H, Miyatake K, Watanabe T, Sekiya I, Muneta T, Koga H. Fibrotic changes in the infrapatellar fat pad induce new vessel formation and sensory nerve fiber endings that associate prolonged pain. <i>J Orthop Res</i> . 2020 Jun;38(6):1296—1306.. <i>Journal of Orthopaedic Research</i> , 2021, 39, 2533-2534.	1.2	0