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List of Publications by Year
in descending order

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30 papers	690 citations	471477 17 h-index	552766 26 g-index
30 all docs	30 docs citations	30 times ranked	1182 citing authors

#	Article	IF	Citations
1	Do Pomegranate Hydrolyzable Tannins and Their Derived Metabolites Provide Relief in Osteoarthritis? Findings from a Scoping Review. Molecules, 2022, 27, 1033.	3.8	2
2	Fiber Thickness and Porosity Control in a Biopolymer Scaffold 3D Printed through a Converted Commercial FDM Device. Materials, 2022, 15, 2394.	2.9	8
3	Custom Massive Allograft in a Case of Pelvic Bone Tumour: Simulation of Processing with Computerised Numerical Control vs. Robotic Machining. Journal of Clinical Medicine, 2022, 11, 2781.	2.4	2
4	A brief very-low oxygen tension regimen is sufficient for the early chondrogenic commitment of human adipose-derived mesenchymal stem cells. Advances in Medical Sciences, 2021, 66, 98-104.	2.1	7
5	Commercial Bone Grafts Claimed as an Alternative to Autografts: Current Trends for Clinical Applications in Orthopaedics. Materials, 2021, 14, 3290.	2.9	30
6	Randomised, double-blind comparison of a fixed co-formulation of intra-articular polynucleotides and hyaluronic acid versus hyaluronic acid alone in the treatment of knee osteoarthritis: two-year follow-up. BMC Musculoskeletal Disorders, 2021, 22, 773.	1.9	15
7	Brillouin and Raman Micro-Spectroscopy: A Tool for Micro-Mechanical and Structural Characterization of Cortical and Trabecular Bone Tissues. Materials, 2021, 14, 6869.	2.9	7
8	Design Techniques to Optimize the Scaffold Performance: Freeze-dried Bone Custom-made Allografts for Maxillary Alveolar Horizontal Ridge Augmentation. Materials, 2020, 13, 1393.	2.9	17
9	A Comprehensive Microstructural and Compositional Characterization of Allogenic and Xenogenic Bone: Application to Bone Grafts and Nanostructured Biomimetic Coatings. Coatings, 2020, 10, 522.	2.6	11
10	Demineralized bone matrix paste formulated with biomimetic PLGA microcarriers for the vancomycin hydrochloride controlled delivery: Release profile, citotoxicity and efficacy against S. aureus. International Journal of Pharmaceutics, 2020, 582, 119322.	5.2	15
11	Novel biocompatible PBS-based random copolymers containing PEG-like sequences for biomedical applications: From drug delivery to tissue engineering. Polymer Degradation and Stability, 2018, 153, 53-62.	5.8	23
12	<sup />An Engineered Multiphase Three-Dimensional Microenvironment to Ensure the Controlled Delivery of Cyclic Strain and Human Growth Differentiation Factor 5 for the Tenogenic Commitment of Human Bone Marrow Mesenchymal Stem Cells. Tissue Engineering - Part A, 2017, 23, 811-822.	3.1	51
13	The molecular mechanism of the cholesterolâ€lowering effect of dill and kale: The influence of the food matrix components. Electrophoresis, 2016, 37, 1805-1813.	2.4	12
14	Mechanical Actuation Systems for the Phenotype Commitment of Stem Cell-Based Tendon and Ligament Tissue Substitutes. Stem Cell Reviews and Reports, 2016, 12, 189-201.	5.6	23
15	The effect of plasma surface modification on the biodegradation rate and biocompatibility of a poly(butylene succinate)-based copolymer. Polymer Degradation and Stability, 2015, 121, 271-279.	5.8	20
16	Hyaluronan and cardiac regeneration. Journal of Biomedical Science, 2014, 21, 100.	7.0	66
17	Strategies Affording Prevascularized Cell-Based Constructs for Myocardial Tissue Engineering. Stem Cells International, 2014, 2014, 1-8.	2.5	24
18	An innovative stand-alone bioreactor for the highly reproducible transfer of cyclic mechanical stretch to stem cells cultured in a 3D scaffold. Journal of Tissue Engineering and Regenerative Medicine, 2014, 8, 787-793.	2.7	20

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19	Biocompatible multiblock aliphatic polyesters containing ether-linkages: influence of molecular architecture on solid-state properties and hydrolysis rate. RSC Advances, 2014, 4, 32965-32976.	3.6	18
20	Epigenetic Signature of Early Cardiac Regulatory Genes in Native Human Adipose-Derived Stem Cells. Cell Biochemistry and Biophysics, 2013, 67, 255-262.	1.8	21
21	Molecular mechanisms of ischemic preconditioning and postconditioning as putative therapeutic targets to reduce tumor survival and malignancy. Medical Hypotheses, 2013, 81, 1141-1145.	1.5	8
22	Priming adult stem cells by hypoxic pretreatments for applications in regenerative medicine. Journal of Biomedical Science, 2013, 20, 63.	7.0	58
23	Mechanostimulation Protocols for Cardiac Tissue Engineering. BioMed Research International, 2013, 2013, 1-10.	1.9	31
24	Poly(butylene/diethylene glycol succinate) multiblock copolyester as a candidate biomaterial for soft tissue engineering: Solid-state properties, degradability, and biocompatibility. Journal of Bioactive and Compatible Polymers, 2012, 27, 244-264.	2.1	41
25	Ethanol disinfection affects physical properties and cell response of electrospun poly(l-lactic acid) scaffolds. European Polymer Journal, 2012, 48, 2008-2018.	5.4	46
26	Molecular architecture and solid-state properties of novel biocompatible PBS-based copolyesters containing sulphur atoms. Reactive and Functional Polymers, 2012, 72, 856-867.	4.1	36
27	Overexpression of ornithine decarboxylase increases myogenic potential of H9c2 rat myoblasts. Amino Acids, 2010, 38, 541-547.	2.7	15
28	Electrospun Scaffolds of a Polyhydroxyalkanoate Consisting of ï‰-Hydroxylpentadecanoate Repeat Units: Fabrication and In Vitro Biocompatibility Studies. Journal of Biomaterials Science, Polymer Edition, 2010, 21, 1283-1296.	3.5	24
29	Difluoromethylornithine stimulates early cardiac commitment of mesenchymal stem cells in a model of mixed culture with cardiomyocytes. Journal of Cellular Biochemistry, 2008, 103, 1046-1052.	2.6	24
30	Induction of NO synthase 2 in ventricular cardiomyocytes incubated with a conventional bicarbonate dialysis bath. Nephrology Dialysis Transplantation, 2008, 23, 2192-2197.	0.7	15