Ana Catarina Vale

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3156969/publications.pdf

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29	462	706676 14	799663 21
papers	citations	h-index	g-index

31	31	31	803
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adhesive and biodegradable membranes made of sustainable catechol-functionalized marine collagen and chitosan. Colloids and Surfaces B: Biointerfaces, 2022, 213, 112409.	2.5	20
2	<scp>3D</scp>â€printed cryomilled poly(Îµâ€caprolactone)/graphene composite scaffolds for bone tissue regeneration. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 961-972.	1.6	20
3	Polymeric biomaterials inspired by marine mussel adhesive proteins. Reactive and Functional Polymers, 2021, 159, 104802.	2.0	12
4	Spin-coated freestanding films for biomedical applications. Journal of Materials Chemistry B, 2021, 9, 3778-3799.	2.9	38
5	Poly(Lactic Acid)/Graphite Nanoplatelet Nanocomposite Filaments for Ligament Scaffolds. Nanomaterials, 2021, 11, 2796.	1.9	7
6	Layerâ€byâ€layer films based on catecholâ€modified polysaccharides produced by dipâ€and spinâ€coating onto different substrates. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 1412-1427.	1.6	15
7	Green Pathway for Processing Non-mulberry Antheraea pernyi Silk Fibroin/Chitin-Based Sponges: Biophysical and Biochemical Characterization. Frontiers in Materials, 2020, 7, .	1.2	14
8	Spin-Coated Polysaccharide-Based Multilayered Freestanding Films with Adhesive and Bioactive Moieties. Molecules, 2020, 25, 840.	1.7	16
9	Bioactive and adhesive properties of multilayered coatings based on catechol-functionalized chitosan/hyaluronic acid and bioactive glass nanoparticles. International Journal of Biological Macromolecules, 2020, 157, 119-134.	3.6	25
10	Antibacterial free-standing polysaccharide composite films inspired by the sea. International Journal of Biological Macromolecules, 2019, 133, 933-944.	3.6	19
11	Optimization of silver-containing bioglass nanoparticles envisaging biomedical applications. Materials Science and Engineering C, 2019, 94, 161-168.	3.8	38
12	Novel Antibacterial and Bioactive Silicate Glass Nanoparticles for Biomedical Applications. Advanced Engineering Materials, 2018, 20, 1700855.	1.6	7
13	Biomedical films of graphene nanoribbons and nanoflakes with natural polymers. RSC Advances, 2017, 7, 27578-27594.	1.7	15
14	Antibacterial bioadhesive layer-by-layer coatings for orthopedic applications. Journal of Materials Chemistry B, 2016, 4, 5385-5393.	2.9	46
15	Adhesive Bioactive Coatings Inspired by Sea Life. Langmuir, 2016, 32, 560-568.	1.6	34
16	Arthritis Induces Early Bone High Turnover, Structural Degradation and Mechanical Weakness. PLoS ONE, 2015, 10, e0117100.	1.1	13
17	Biomechanical Properties of the Equine Third Metacarpal Bone: InÂVivo Quantitative Ultrasonography Versus ExÂVivo Compression and Bending Techniques. Journal of Equine Veterinary Science, 2015, 35, 198-205.	0.4	6
18	Rheumatoid Arthritis Bone Fragility Is Associated With Upregulation of IL17 and DKK1 Gene Expression. Clinical Reviews in Allergy and Immunology, 2014, 47, 38-45.	2.9	30

#	Article	IF	Citations
19	Micro-computed tomography and compressive characterization of trabecular bone. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 438, 199-205.	2.3	13
20	Antifungal activity of dental resins containing amphotericin B-conjugated nanoparticles. Dental Materials, 2013, 29, e252-e262.	1.6	18
21	Effect of the Strain Rate on the Twisting of Trabecular Bone from Women with Hip Fracture. Journal of Biomechanical Engineering, 2013, 135, 121005.	0.6	5
22	At the moment of occurrence of a fragility hip fracture, men have higher mechanical properties values in comparison with women. BMC Musculoskeletal Disorders, 2013, 14, 295.	0.8	7
23	Micro-computed tomography assessment of human femoral trabecular bone for two disease groups (fragility fracture and coxarthrosis): Age and gender related effects on the microstructure. Journal of Biomedical Science and Engineering, 2013, 06, 175-184.	0.2	6
24	A Method for the Evaluation of Femoral Head Trabecular Bone Compressive Properties. Materials Science Forum, 2012, 730-732, 3-8.	0.3	3
25	Low osteocalcin/collagen type I bone gene expression ratio is associated with hip fragility fractures. Bone, 2012, 51, 981-989.	1.4	23
26	Smoking is a predictor of worse trabecular mechanical performance in hip fragility fracture patients. Journal of Bone and Mineral Metabolism, 2012, 30, 692-699.	1.3	9
27	Rheumatoid arthritis is associated with increased DKK1 expression and disturbances in the bone turnover regulating genes. Journal of Translational Medicine, 2011, 9, .	1.8	1
28	Apolipoprotein E and undercaboxylated osteocalcin are associated with bone fragility but not with bone mineral density in osteoarthritis patients. Journal of Translational Medicine, 2011, 9, .	1.8	0
29	Estimated glomerular filtration rate is associated with bone fragility in the elderly. Bone Abstracts, 0, , .	0.0	0