Emanuel M Fernandes

List of Publications by Year
in descending order

38	1,845	489802 18	425179 34
papers	citations	h-index	g-index

40	40	40	2772
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chitosan/Î²-TCP composites scaffolds coated with silk fibroin: a bone tissue engineering approach. Biomedical Materials (Bristol), 2022, 17, 015003.	1.7	7
2	Silk fibroin/cholinium gallate-based architectures as therapeutic tools. Acta Biomaterialia, 2022, 147, 168-184.	4.1	11
3	Tailoring Natural-Based Oleogels Combining Ethylcellulose and Virgin Coconut Oil. Polymers, 2022, 14, 2473.	2.0	6
4	Pharmacological and Non-Pharmacological Agents versus Bovine Colostrum Supplementation for the Management of Bone Health Using an Osteoporosis-Induced Rat Model. Nutrients, 2022, 14, 2837.	1.7	2
5	Development and characterisation of cytocompatible polyester substrates with tunable mechanical properties and degradation rate. Acta Biomaterialia, 2021, 121, 303-315.	4.1	12
6	Engineering 3D printed bioactive composite scaffolds based on the combination of aliphatic polyester and calcium phosphates for bone tissue regeneration. Materials Science and Engineering C, 2021, 122, 111928.	3.8	32
7	An Overview of the Antimicrobial Properties of Lignocellulosic Materials. Molecules, 2021, 26, 1749.	1.7	27
8	Physicochemical features assessment of acemannan-based ternary blended films for biomedical purposes. Carbohydrate Polymers, 2021, 257, 117601.	5.1	3
9	Bovine Colostrum Supplementation Improves Bone Metabolism in an Osteoporosis-Induced Animal Model. Nutrients, 2021, 13, 2981.	1.7	4
10	Modulation of stem cell response using biodegradable polyester films with different stiffness. Biomedical Engineering Advances, 2021, 2, 100007.	2.2	4
11	Manufacturing and Characterization of Coatings from Polyamide Powders Functionalized with Nanosilica. Polymers, 2020, 12, 2298.	2.0	15
12	Approach on chitosan/virgin coconut oil-based emulsion matrices as a platform to design superabsorbent materials. Carbohydrate Polymers, 2020, 249, 116839.	5.1	9
13	Spatial immobilization of endogenous growth factors to control vascularization in bone tissue engineering. Biomaterials Science, 2020, 8, 2577-2589.	2.6	38
14	Fundamentals on biopolymers and global demand. , 2020, , 3-34.		9
15	Biopolymer membranes in tissue engineering. , 2020, , 141-163.		2
16	Show your beaks and we tell you what you eat: Different ecology in sympatric Antarctic benthic octopods under a climate change context. Marine Environmental Research, 2019, 150, 104757.	1.1	15
17	Antimicrobial coating of spider silk to prevent bacterial attachment on silk surgical sutures. Acta Biomaterialia, 2019, 99, 236-246.	4.1	72
18	Fish sarcoplasmic proteins as a high value marine material for wound dressing applications. Colloids and Surfaces B: Biointerfaces, 2018, 167, 310-317.	2.5	12

#	Article	IF	Citations
19	Marine Collagen/Apatite Composite Scaffolds Envisaging Hard Tissue Applications. Marine Drugs, 2018, 16, 269.	2.2	51
20	Characterisation of eumelanin-chitosan films. Acta Horticulturae, 2018, , 219-224.	0.1	0
21	Structural monitoring and modeling of the mechanical deformation of three-dimensional printed poly(<i>Îµ</i> -caprolactone) scaffolds. Biofabrication, 2017, 9, 025015.	3.7	30
22	Cork biomass biocomposites. , 2017, , 365-385.		4
23	Corkâ€“polymer biocomposites: Mechanical, structural and thermal properties. Materials and Design, 2015, 82, 282-289.	3.3	50
24	Cork extractives exhibit thermo-oxidative protection properties in polypropyleneâ€“cork composites and as direct additives for polypropylene. Polymer Degradation and Stability, 2015, 116, 45-52.	2.7	18
25	Functionalized cork-polymer composites (CPC) by reactive extrusion using suberin and lignin from cork as coupling agents. Composites Part B: Engineering, 2014, 67, 371-380.	5.9	53
26	Polypropylene-based corkâ€“polymer composites: Processing parameters and properties. Composites Part B: Engineering, 2014, 66, 210-223.	5.9	46
27	Activated carbons prepared from industrial pre-treated cork: Sustainable adsorbents for pharmaceutical compounds removal. Chemical Engineering Journal, 2014, 253, 408-417.	6.6	121
28	Novel corkâ€“polymer composites reinforced with short natural coconut fibres: Effect of fibre loading and coupling agent addition. Composites Science and Technology, 2013, 78, 56-62.	3.8	86
29	Bionanocomposites from lignocellulosic resources: Properties, applications and future trends for their use in the biomedical field. Progress in Polymer Science, 2013, 38, 1415-1441.	11.8	224
30	Bioactive macro/micro porous silk fibroin/nano-sized calcium phosphate scaffolds with potential for bone-tissue-engineering applications. Nanomedicine, 2013, 8, 359-378.	1.7	60
31	Hybrid corkâ€“polymer composites containing sisal fibre: Morphology, effect of the fibre treatment on the mechanical properties and tensile failure prediction. Composite Structures, 2013, 105, 153-162.	3.1	104
32	New biotextiles for tissue engineering: Development, characterization and in vitro cellular viability. Acta Biomaterialia, 2013, 9, 8167-8181.	4.1	65
33	Natural Fibres as Reinforcement Strategy on Cork-Polymer Composites. Materials Science Forum, 2012, 730-732, 373-378.	0.3	2
34	Gradual pore formation in natural origin scaffolds throughout subcutaneous implantation. Journal of Biomedical Materials Research - Part A, 2012, 100A, 599-612.	2.1	17
35	Properties of new corkâ€“polymer composites: Advantages and drawbacks as compared with commercially available fibreboard materials. Composite Structures, 2011, 93, 3120-3120.	3.1	54
36	Cork based composites using polyolefinâ€™s as matrix: Morphology and mechanical performance. Composites Science and Technology, 2010, 70, 2310-2318.	3.8	59

#	Article	IF	Citations
37	Cork: properties, capabilities and applications. International Materials Reviews, 2008, 53, 256-256.	9.4	19
38	Cork: properties, capabilities and applications. International Materials Reviews, 2005, 50, 345-365.	9.4	499