

# Eliandra De Sousa TrichÃs

## List of Publications by Year in descending order

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42  
papers

1,147  
citations

471509

17  
h-index

395702

33  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1390  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypoglycemic Effect and Antioxidant Potential of Kaempferol-3,7-O-( $\pm$ )-dirhamnoside from <i>Bauhinia forficata</i> Leaves. <i>Journal of Natural Products</i> , 2004, 67, 829-832.	3.0	216
2	Insulinomimetic effects of kaempferitrin on glycaemia and on 14C-glucose uptake in rat soleus muscle. <i>Chemico-Biological Interactions</i> , 2004, 149, 89-96.	4.0	132
3	Acute effect of <i>Bauhinia forficata</i> on serum glucose levels in normal and alloxan-induced diabetic rats. <i>Journal of Ethnopharmacology</i> , 2002, 83, 33-37.	4.1	97
4	Follow-up studies on glycosylated flavonoids and their complexes with vanadium: Their anti-hyperglycemic potential role in diabetes. <i>Chemico-Biological Interactions</i> , 2006, 163, 177-191.	4.0	63
5	Effect of crude extract and fractions from <i>Vitex megapotamica</i> leaves on hyperglycemia in alloxan-diabetic rats. <i>Journal of Ethnopharmacology</i> , 2007, 109, 151-155.	4.1	59
6	Flavonóides glicosilados das folhas e flores de <i>Bauhinia forficata</i> (Leguminosae). <i>Quimica Nova</i> , 2003, 26, 466-469.	0.3	55
7	Microstructure and properties of LZSA glass-ceramic foams. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008, 476, 89-97.	5.6	42
8	LZSA glass ceramic foams prepared by replication process. <i>Advances in Applied Ceramics</i> , 2005, 104, 22-29.	1.1	41
9	Hierarchical structures of $\beta$ -TCP/45S5 bioglass hybrid scaffolds prepared by gelcasting. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 62, 10-23.	3.1	37
10	Influence of the addition of $\beta$ -TCP on the morphology, thermal properties and cell viability of poly (lactic acid) fibers obtained by electrospinning. <i>Materials Science and Engineering C</i> , 2015, 52, 135-143.	7.3	33
11	Incorporation of Collagen from Marine Sponges (Spongin) into Hydroxyapatite Samples: Characterization and In Vitro Biological Evaluation. <i>Marine Biotechnology</i> , 2019, 21, 30-37.	2.4	29
12	Production and Characterization of Porous Polymeric Membranes of PLA/PCL Blends with the Addition of Hydroxyapatite. <i>Journal of Composites Science</i> , 2019, 3, 45.	3.0	28
13	Evaluation of colloidal and polymeric routes in sol-gel synthesis of a bioactive glass-ceramic derived from 45S5 bioglass. <i>Ceramics International</i> , 2020, 46, 20264-20271.	4.8	23
14	Incorporation of 45S5 bioglass via sol-gel in $\beta$ -TCP scaffolds: Bioactivity and antimicrobial activity evaluation. <i>Materials Science and Engineering C</i> , 2021, 131, 112453.	7.3	21
15	Porous membranes of the polycaprolactone (PCL) containing calcium silicate fibers for guided bone regeneration. <i>Materials Letters</i> , 2017, 206, 210-213.	2.6	20
16	Green liquor dregs and slaker grits residues characterization of a pulp and paper mill for future application on ceramic products. <i>Journal of Cleaner Production</i> , 2019, 240, 118220.	9.3	19
17	Evaluation of the sintering temperature on the mechanical behavior of $\beta$ -tricalcium phosphate/calcium silicate scaffolds obtained by gelcasting method. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 90, 635-643.	3.1	19
18	Synergistic effect of adding bioglass and carbon nanotubes on poly (lactic acid) porous membranes for guided bone regeneration. <i>Materials Science and Engineering C</i> , 2020, 117, 111327.	7.3	19

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19	Processing of Cellular Glass Ceramics. Journal of the American Ceramic Society, 2006, 89, 3373-3378.	3.8	16
20	Preparation and characterization of stainless steel 316L/HA biocomposite. Materials Research, 2013, 16, 304-309.	1.3	16
21	Bioglass-based scaffolds coated with silver nanoparticles: Synthesis, processing and antimicrobial activity. Journal of Biomedical Materials Research - Part A, 2020, 108, 2447-2459.	4.0	16
22	Scaffolds of calcium phosphate cement containing chitosan and gelatin. Materials Research, 2013, 16, 1362-1365.	1.3	14
23	Highly porous 45S5 bioglass-derived glass-ceramic scaffolds by gelcasting of foams. Journal of Materials Science, 2018, 53, 10718-10731.	3.7	14
24	Structural, crystallization and cytocompatibility evaluation of the 45S5 bioglass-derived glass-ceramic containing niobium. Journal of Non-Crystalline Solids, 2021, 555, 120629.	3.1	14
25	Scaffolds of PCL combined to bioglass: synthesis, characterization and biological performance. Journal of Materials Science: Materials in Medicine, 2020, 31, 41.	3.6	13
26	Study of in vitro degradation of brushite cements scaffolds. Journal of Materials Science: Materials in Medicine, 2014, 25, 2297-2303.	3.6	12
27	Morphological, thermal and bioactivity evaluation of electrospun PCL/Î²-TCP fibers for tissue regeneration. Polimeros, 2019, 29, .	0.7	10
28	Preparation, Characterization and Biological Studies of Î²-TCP and Î²-TCP/Al <sub>2</sub> O <sub>3</sub> Scaffolds Obtained by Gel-Casting of Foams. Materials Research, 2017, 20, 973-983.	1.3	9
29	Evaluation of the In Vivo Biological Effects of Marine Collagen and Hydroxyapatite Composite in a Tibial Bone Defect Model in Rats. Marine Biotechnology, 2020, 22, 357-366.	2.4	9
30	DecomposiÃ§Ã£o tÃ©rmica de espumas de poliuretano para fabricaÃ§Ã£o de vitrocerÃ¢mica celular de Li <sub>2</sub> O-ZrO <sub>2</sub> -SiO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> (LZSA). Quimica Nova, 2007, 30, 1104-1107.	0.3	8
31	ProduÃ§Ã£o de cerÃ¢micas celulares por emulsÃ£o seguida de gelificaÃ§Ã£o. Ceramica, 2011, 57, 38-44.	0.8	6
32	ProduÃ§Ã£o e caracterizaÃ§Ã£o de espumas de alumina pelo processo gelcasting sem controle atmosfÃ©rico. Ceramica, 2009, 55, 151-156.	0.8	6
33	Brushite cement containing gelatin: evaluation of mechanical strength and in vitro degradation. Ceramica, 2019, 65, 261-266.	0.8	5
34	3D printing of bioactive glass S53P4/sodium alginate sintering-free scaffolds. Bioprinting, 2022, 27, e00226.	5.8	5
35	&lt;b>&lt;/b>Analysis of indicators of osteogenesis, cytotoxicity and genotoxicity of an experimental Î²-TCP compared to other bone substitutes. Acta Scientiarum - Health Sciences, 2017, 39, 97.	0.2	4
36	45S5 Bioglass-Derived Glass-Ceramic Scaffolds Containing Niobium Obtained by Gelcasting Method. Materials Research, 2021, 24, .	1.3	4

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37	PreparaÃ§Ã£o e caracterizaÃ§Ã£o de scaffolds de $\beta$ -fosfato tricÃ¡lcico pelo mÃ©todo de freeze casting. Ceramica, 2018, 64, 553-558.	0.8	2
38	Efeito da adiÃ§Ã£o de alumina nas propriedades fÃsicas e mecÃnicas do $\beta$ -fosfato tricÃ¡lcico. Ceramica, 2012, 58, 368-373.	0.8	2
39	ObtenÃ§Ã£o e caracterizaÃ§Ã£o de espumas de cimento de fosfato de cÃ¡lcio: avaliaÃ§Ã£o dos mÃ©todos de emulsÃ£o e gelcasting. Ceramica, 2012, 58, 500-503.	0.8	2
40	Processamento e caracterizaÃ§Ã£o de espumas vitrocerÃmicas do sistema $\text{Li}_2\text{O}-\text{ZrO}_2-\text{SiO}_2-\text{Al}_2\text{O}_3$ (LZSA) produzidas por gelcasting. Revista Materia, 2014, 19, 117-124.	0.2	1
41	Production of $\text{Li}_2\text{O}-\text{ZrO}_2-\text{SiO}_2-\text{Al}_2\text{O}_3$ (LZSA) Glass-Ceramic Foams by Aeration and Polymerization of Suspension. Materials Science Forum, 2014, 775-776, 529-533.	0.3	1
42	Study of crystallization, microstructure and mechanical properties of lithium disilicate glass-ceramics as a function of the sintering temperature. Brazilian Dental Science, 2021, 24, .	0.4	0