Anne Leriche

List of Publications by Year
in descending order

30 papers	1,080 citations	471509 17 h-index	477307 29 g-index
30 all docs	30 docs citations	30 times ranked	1334 citing authors

#	Article	IF	Citations
1	A Comparative EPR Study of Non-Substituted and Mg-Substituted Hydroxyapatite Behaviour in Model Media and during Accelerated Ageing. Crystals, 2022, 12, 297.	2.2	4
2	Bone-like ceramic scaffolds designed with bioinspired porosity induce a different stem cell response. Journal of Materials Science: Materials in Medicine, 2021, 32, 3.	3.6	16
3	Development of Femtosecond Laser-Engineered Î²-Tricalcium Phosphate (Î²-TCP) Biomimetic Templates for Orthopaedic Tissue Engineering. Applied Sciences (Switzerland), 2021, 11, 2565.	2.5	4
4	Influence of dopants on thermal stability and densification of Î²-tricalcium phosphate powders. Open Ceramics, 2021, 7, 100168.	2.0	10
5	Microstructural design of ceramics for bone regeneration. Journal of the European Ceramic Society, 2020, 40, 2555-2565.	5.7	5
6	Coupling additive manufacturing and microwave sintering: A fast processing route of alumina ceramics. Journal of the European Ceramic Society, 2020, 40, 2548-2554.	5.7	40
7	Micropatterning of beta tricalcium phosphate bioceramic surfaces, by femtosecond laser, for bone marrow stem cells behavior assessment. Materials Science and Engineering C, 2019, 95, 371-380.	7.3	12
8	Mechanical properties, structure, bioactivity and cytotoxicity of bioactive Na-Ca-Si-P-O-(N) glasses. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 86, 284-293.	3.1	11
9	Femtosecond laser impact on calcium phosphate bioceramics assessed by micro-Raman spectroscopy and osteoblastic behaviour. Journal of the European Ceramic Society, 2018, 38, 5545-5553.	5.7	8
10	Alumina Porous Ceramics Obtained by Freeze Casting: Structure and Mechanical Behaviour under Compression. Ceramics, 2018, 1, 83-97.	2.6	6
11	Bio-inspired hydroxyapatite dual core-shell structure for bone substitutes. Journal of the European Ceramic Society, 2017, 37, 5321-5327.	5.7	14
12	Types of ceramics. , 2017, , 21-82.		13
13	Osteoblastic cells colonization inside beta-TCP macroporous structures obtained by ice-templating. Journal of the European Ceramic Society, 2016, 36, 2895-2901.	5.7	29
14	Bioactive oxynitride glasses: Synthesis, structure and properties. Journal of the European Ceramic Society, 2016, 36, 2869-2881.	5.7	22
15	Effect of Nitrogen on Properties of Na₂Oâ€“CaOâ€“SrOâ€“ZnOâ€“SiO₂ Glasses. Journal of the American Ceramic Society, 2015, 98, 748-757.	3.8	4
16	Photocatalytic solution discoloration and self-cleaning by polyester fabric functionalized with ZnO nanorods. Journal of Industrial Textiles, 2015, 44, 884-898.	2.4	24
17	Improvement of the hydroxyapatite mechanical properties by direct microwave sintering in single mode cavity. Journal of the European Ceramic Society, 2014, 34, 1865-1871.	5.7	40
18	Processing and properties of biphasic calcium phosphates bioceramics obtained by pressureless sintering and hot isostatic pressing. Journal of the European Ceramic Society, 2013, 33, 1263-1270.	5.7	72

#	Article	IF	Citations
19	Processing and properties of transparent hydroxyapatite and Î² tricalcium phosphate obtained by HIP process. Ceramics International, 2013, 39, 283-288.	4.8	46
20	Development of superhydrophilic and superhydrophobic polyester fabric by growing Zinc Oxide nanorods. Journal of Colloid and Interface Science, 2013, 394, 545-553.	9.4	70
21	Effect of nitrogen and fluorine on mechanical properties and bioactivity in two series of bioactive glasses. Journal of the Mechanical Behavior of Biomedical Materials, 2013, 23, 133-148.	3.1	26
22	Effects of addition of nitrogen on bioglass properties and structure. Journal of Non-Crystalline Solids, 2012, 358, 693-701.	3.1	26
23	New antibacterial microporous CaP materials loaded with phages for prophylactic treatment in bone surgery. Journal of Materials Science: Materials in Medicine, 2012, 23, 2445-2452.	3.6	20
24	Functionalisation of porous hydroxyapatite for bone substitutes. Journal of the European Ceramic Society, 2012, 32, 2673-2678.	5.7	21
25	Manufacture of hydroxyapatite beads for medical applications. Journal of the European Ceramic Society, 2009, 29, 369-375.	5.7	63
26	Modelling the tap density of inorganic powders using neural networks. Journal of the European Ceramic Society, 2009, 29, 3105-3111.	5.7	5
27	Mixture designs applied to glass bioactivity evaluation in the Siâ€“Caâ€“Na system. Journal of Non-Crystalline Solids, 2009, 355, 943-950.	3.1	17
28	Manufacture of macroporous Î²-tricalcium phosphate bioceramics. Journal of the European Ceramic Society, 2008, 28, 149-157.	5.7	137
29	Effects of powder stoichiometry on the sintering of Î²-tricalcium phosphate. Journal of the European Ceramic Society, 2007, 27, 2401-2406.	5.7	84
30	Influence of porosity on Young's modulus and Poisson's ratio in alumina ceramics. Journal of the European Ceramic Society, 2001, 21, 1081-1086.	5.7	231