

Sophie Cazalbou

List of Publications by Year in descending order

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29
papers

1,091
citations

566801

15
h-index

552369

26
g-index

30
all docs

30
docs citations

30
times ranked

1485
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptative physico-chemistry of bio-related calcium phosphates. <i>Journal of Materials Chemistry</i> , 2004, 14, 2148.	6.7	176
2	Apatite Biominerals. <i>Minerals (Basel, Switzerland)</i> , 2016, 6, 34.	0.8	152
3	Ion exchanges in apatites for biomedical application. <i>Journal of Materials Science: Materials in Medicine</i> , 2005, 16, 405-409.	1.7	151
4	Poorly crystalline apatites: evolution and maturation in vitro and in vivo. <i>Journal of Bone and Mineral Metabolism</i> , 2004, 22, 310-7.	1.3	124
5	Tetracycline-Loaded Biomimetic Apatite: An Adsorption Study. <i>Journal of Physical Chemistry B</i> , 2015, 119, 3014-3024.	1.2	60
6	Marine Structure Derived Calcium Phosphate-Polymer Biocomposites for Local Antibiotic Delivery. <i>Marine Drugs</i> , 2015, 13, 666-680.	2.2	45
7	Minéralisations biologiques à base de phosphate de calcium. <i>Comptes Rendus - Palevol</i> , 2004, 3, 563-572.	0.1	40
8	Strontium-loaded mineral bone cements as sustained release systems: Compositions, release properties, and effects on human osteoprogenitor cells. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012, 100B, 378-390.	1.6	35
9	Biocompatibility of a new biodegradable polymer-hydroxyapatite composite for biomedical applications. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 38, 72-77.	1.4	34
10	Freeze-casting for PLGA/carbonated apatite composite scaffolds: Structure and properties. <i>Materials Science and Engineering C</i> , 2017, 77, 731-738.	3.8	34
11	Single-step pulsed electrodeposition of calcium phosphate coatings on titanium for drug delivery. <i>Surface and Coatings Technology</i> , 2019, 358, 266-275.	2.2	33
12	Injectability, microstructure and release properties of sodium fusidate-loaded apatitic cement as a local drug-delivery system. <i>Materials Science and Engineering C</i> , 2016, 59, 177-184.	3.8	27
13	Calcium phosphate nanocoatings and nanocomposites, part 2: thin films for slow drug delivery and osteomyelitis. <i>Nanomedicine</i> , 2016, 11, 531-544.	1.7	26
14	Ibuprofen-loaded calcium phosphate granules: Combination of innovative characterization methods to relate mechanical strength to drug location. <i>Acta Biomaterialia</i> , 2010, 6, 266-274.	4.1	21
15	Antibiotic Containing Poly Lactic Acid/Hydroxyapatite Biocomposite Coatings for Dental Implant Applications. <i>Key Engineering Materials</i> , 0, 758, 120-125.	0.4	18
16	Development of antimicrobial composite coatings for drug release in dental, orthopaedic and neural prostheses applications. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	16
17	Development and dissolution studies of bisphosphonate (clodronate)-containing hydroxyapatite-poly(lactic acid) biocomposites for slow drug delivery. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 1723-1731.	1.3	15
18	Mechanical properties of self-setting composites: influence of the carboxymethylcellulose content and hydration state. <i>Journal of Materials Science</i> , 2016, 51, 4296-4305.	1.7	13

#	ARTICLE	IF	CITATIONS
19	The pressure–volume–temperature relationship of cellulose. <i>Cellulose</i> , 2013, 20, 2279-2289.	2.4	10
20	Hydroxyapatite/PLA Biocomposite Thin Films for Slow Drug Delivery of Antibiotics for the Treatment of Bone and Implant-Related Infections. <i>Key Engineering Materials</i> , 0, 696, 271-276.	0.4	10
21	From compressibility to structural investigation of sodium dodecyl sulphate – Part 1: Powder and tablet physico-chemical characteristics. <i>Powder Technology</i> , 2007, 177, 34-40.	2.1	9
22	From compressibility to structural investigation of sodium dodecyl sulphate – Part 2: A singular behavior under pressure. <i>Powder Technology</i> , 2007, 177, 41-50.	2.1	9
23	New backing layer for transdermal drug delivery systems: coatings based on fatty acid and beeswax on chitosan films. <i>Journal of Adhesion Science and Technology</i> , 2015, 29, 245-255.	1.4	8
24	Conversion of Calcified Algae (<i>Halimeda</i>) and Hard Coral (<i>Porites</i>). <i>Journal of Applied Microbiology</i> , 2010, 109, 1050-1054.	0.4	8
25	Nanocrystalline Apatites: A Versatile Functionalizable Platform for Biomedical Applications for Bone Engineering and beyond. <i>Key Engineering Materials</i> , 2016, 696, 14-22.	0.4	4
26	Conversion of snail shells (<i>Achatina achatina</i>) acclimatized in Benin to calcium phosphate for medical and engineering use. <i>Journal of the Australian Ceramic Society</i> , 2019, 55, 1177-1186.	1.1	4
27	Bioceramic powders for bone regeneration modified by high-pressure CO2 process. <i>Journal of Materials Science</i> , 2021, 56, 3387-3403.	1.7	3
28	Multifunctional-Dual Drug Delivery Poly-Lactic Acid Biocomposite Coating with Hydroxyapatite for Bone Implants. <i>Key Engineering Materials</i> , 2018, 782, 212-217.	0.4	1
29	Development and In Vitro Analysis of a New Biodegradable PLA/Hydroxyapatite (HAp) Composite for Biomedical Applications. , 2017, , 411-423.		0