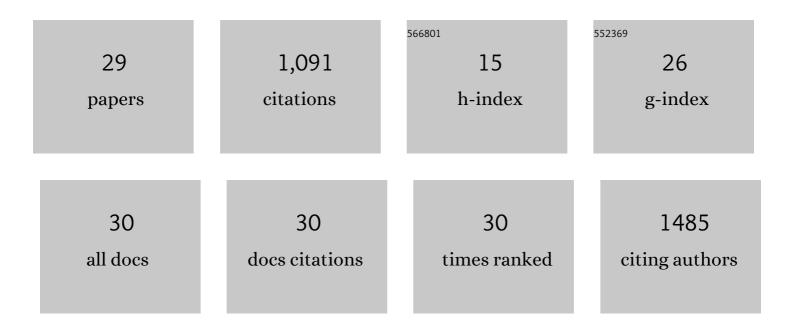
Sophie Cazalbou

List of Publications by Year in descending order

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

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#	Article	IF	CITATIONS
19	The pressure–volume–temperature relationship of cellulose. Cellulose, 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. Key Engineering Materials, 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. Powder Technology, 2007, 177, 34-40.	2.1	9
22	From compressibility to structural investigation of sodium dodecyl sulphate — Part 2: A singular behavior under pressure. Powder Technology, 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. Journal of Adhesion Science and Technology, 2015, 29, 245-255.	1.4	8
24	Conversion of Calcified Algae (<i>Halimeda </i> sp) and Hard Coral (<i>Porites) Tj ETQq0 0 0 rgBT</i>	/Qverlock 0.4	10 Tf 50 542
25	Nanocrystalline Apatites: A Versatile Functionalizable Platform for Biomedical Applications for Bone Engineering… and beyond. Key Engineering Materials, 2016, 696, 14-22.	0.4	4

26	Conversion of snail shells (Achatina achatina) acclimatized in Benin to calcium phosphate for medical and engineering use. Journal of the Australian Ceramic Society, 2019, 55, 1177-1186.	1.1	4
27	Bioceramic powders for bone regeneration modified by high-pressure CO2 process. Journal of Materials Science, 2021, 56, 3387-3403.	1.7	3
28	Multifunctional-Dual Drug Delivery Poly-Lactic Acid Biocomposite Coating with Hydroxyapatite for Bone Implants. Key Engineering Materials, 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