

Allal Barroug

List of Publications by Year in descending order

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18
papers

591
citations

759233

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839539

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18
all docs

18
docs citations

18
times ranked

648
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydroxyapatite crystals as a local delivery system for cisplatin: adsorption and release of cisplatin in vitro. <i>Journal of Orthopaedic Research</i> , 2002, 20, 274-280.	2.3	141
2	Preparation of a new stable hybrid material by chloride-2,4-dichlorophenoxyacetate ion exchange into the zinc-aluminium-chloride layered double hydroxide. <i>Journal of Materials Chemistry</i> , 2000, 10, 1007-1011.	6.7	87
3	Adsorption of O-Phospho-L-Serine and L-Serine onto Poorly Crystalline Apatite. <i>Journal of Colloid and Interface Science</i> , 2001, 238, 48-53.	9.4	57
4	Adsorption of Catalase on Hydroxyapatite. <i>Journal of Colloid and Interface Science</i> , 1998, 208, 147-152.	9.4	53
5	Use of the Ion-Exchange Properties of Layered Double Hydroxides for Water Purification. <i>Collection of Czechoslovak Chemical Communications</i> , 1998, 63, 732-740.	1.0	47
6	Adsorption of Succinylated Lysozyme on Hydroxyapatite. <i>Journal of Colloid and Interface Science</i> , 1997, 189, 37-42.	9.4	42
7	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.	7.3	27
8	Towards smart self-healing coatings: Advances in micro/nano-encapsulation processes as carriers for anti-corrosion coatings development. <i>Journal of Molecular Liquids</i> , 2022, 354, 118862.	4.9	27
9	Synthesis and characterisation of a new stable organo-mineral hybrid nanomaterial: 4-Chlorobenzenesulfonate in the zinc-aluminium layered double hydroxide. <i>Materials Research Bulletin</i> , 2006, 41, 1763-1774.	5.2	26
10	Mechanical Behavior of Hydroxyapatite-Chitosan Composite: Effect of Processing Parameters. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 213.	2.0	18
11	Influence of crystallite size on the surface properties of calcium-deficient hydroxyapatites. <i>Journal of Alloys and Compounds</i> , 1992, 188, 152-156.	5.5	14
12	Development of anti-corrosion coating based on phosphorylated ethyl cellulose microcapsules. <i>Progress in Organic Coatings</i> , 2020, 148, 105885.	3.9	14
13	Exchange Reactions at Calcium Phosphates Surface and Applications to Biomaterials. <i>Key Engineering Materials</i> , 2008, 361-363, 79-82.	0.4	10
14	Risedronate adsorption on bioactive glass surface for applications as bone biomaterial. <i>Applied Surface Science</i> , 2016, 367, 205-213.	6.1	9
15	Adsorption and structural properties of hydroxy- and new lacunar apatites. <i>Journal of Molecular Structure</i> , 2020, 1202, 127225.	3.6	8
16	Formulation and characterization of hydroxyapatite-based composite with enhanced compressive strength and controlled antibiotic release. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 1942-1954.	4.0	6
17	The effect of bioactive glass particle size and liquid phase on the physical-chemical and mechanical properties of carbonated apatite cement. <i>Ceramics International</i> , 2022, , .	4.8	4
18	Phosphorylated microcapsules containing natural oil for potential self-healing use. <i>Materials Today: Proceedings</i> , 2022, 51, 1991-1997.	1.8	1