

Allal Barroug

List of Publications by Year in descending order

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18
papers

591
citations

759233

12
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839539

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all docs

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docs citations

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times ranked

648
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Phosphorylated microcapsules containing natural oil for potential self-healing use. <i>Materials Today: Proceedings</i> , 2022, 51, 1991-1997. | 1.8 | 1 |
| 2 | 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 |
| 3 | 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 |
| 4 | Mechanical Behavior of Hydroxyapatite-Chitosan Composite: Effect of Processing Parameters. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 213. | 2.0 | 18 |
| 5 | 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 |
| 6 | Adsorption and structural properties of hydroxy- and new lacunar apatites. <i>Journal of Molecular Structure</i> , 2020, 1202, 127225. | 3.6 | 8 |
| 7 | Development of anti-corrosion coating based on phosphorylated ethyl cellulose microcapsules. <i>Progress in Organic Coatings</i> , 2020, 148, 105885. | 3.9 | 14 |
| 8 | Risedronate adsorption on bioactive glass surface for applications as bone biomaterial. <i>Applied Surface Science</i> , 2016, 367, 205-213. | 6.1 | 9 |
| 9 | 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 |
| 10 | Exchange Reactions at Calcium Phosphates Surface and Applications to Biomaterials. <i>Key Engineering Materials</i> , 2008, 361-363, 79-82. | 0.4 | 10 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | Adsorption of Catalase on Hydroxyapatite. <i>Journal of Colloid and Interface Science</i> , 1998, 208, 147-152. | 9.4 | 53 |
| 16 | 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 |
| 17 | Adsorption of Succinylated Lysozyme on Hydroxyapatite. <i>Journal of Colloid and Interface Science</i> , 1997, 189, 37-42. | 9.4 | 42 |
| 18 | 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 |