

Bone structure and formation: A new perspective

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Biomimetic Systems for Hydroxyapatite Mineralization Inspired By Bone and Enamel. Chemical Reviews, 2008, 108, 4754-4783.	47.7	934
3	Transition Bars during Transformation of an Amorphous Calcium Carbonate Precursor. Chemistry of Materials, 2008, 20, 6917-6928.	6.7	53
4	Bioinspired Synthesis of Mineralized Collagen Fibrils. Crystal Growth and Design, 2008, 8, 3084-3090.	3.0	205
5	Calcium phosphate nanoparticles in biomineralization and biomaterials. Journal of Materials Chemistry, 2008, 18, 3775.	6.7	264
6	Compositional analysis of a polymer-induced liquid-precursor (PILP) amorphous CaCO ₃ phase. Journal of Non-Crystalline Solids, 2008, 354, 1845-1854.	3.1	77
7	Biomineralization: A structural perspective. Journal of Structural Biology, 2008, 163, 229-234.	2.8	188
8	Detection of calcium phosphate crystals in the joint fluid of patients with osteoarthritis – analytical approaches and challenges. Analyst, The, 2008, 133, 302.	3.5	87
9	Biomimetic Model Systems for Investigating the Amorphous Precursor Pathway and Its Role in Biomineralization. Chemical Reviews, 2008, 108, 4551-4627.	47.7	938
10	Amorphous calcium phosphate is a major component of the forming fin bones of zebrafish: Indications for an amorphous precursor phase. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 12748-12753.	7.1	490
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12	Membrane Potential Controls Adipogenic and Osteogenic Differentiation of Mesenchymal Stem Cells. PLoS ONE, 2008, 3, e3737.	2.5	206
13	Synthetic biomineralisation yielding HA/collagen hybrid composite. Advances in Applied Ceramics, 2008, 107, 298-302.	1.1	12
14	Inhibition of Acid Phosphatase Enzyme Activity in the Presence of Noncrystalline Calcium Phosphate and Nanocrystalline Calcium Apatite: a Preliminary Study. Nature Precedings, 2009, , .	0.1	0
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19	Hybrid Multicomponent Hydrogels for Tissue Engineering. Macromolecular Bioscience, 2009, 9, 140-156.	4.1	266

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20	Size effect of hydroxyapatite nanoparticles on proliferation and apoptosis of osteoblast-like cells. <i>Acta Biomaterialia</i> , 2009, 5, 338-345.	8.3	402
21	Principles of demineralization: Modern strategies for the isolation of organic frameworks. <i>Micron</i> , 2009, 40, 169-193.	2.2	97
22	Elemental distribution analysis of type I collagen fibrils in tilapia fish scale with energy-filtered transmission electron microscope. <i>Micron</i> , 2009, 40, 665-668.	2.2	27
23	Calcium orthophosphate-based biocomposites and hybrid biomaterials. <i>Journal of Materials Science</i> , 2009, 44, 2343-2387.	3.7	263
24	Mechanism of formation of concentrically laminated spherules: implication to Randall's plaque and stone formation. <i>Urological Research</i> , 2009, 37, 11-17.	1.5	36
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26	The non-isothermal thermogravimetric tests of animal bones combustion. Part. I. Kinetic analysis. <i>Thermochimica Acta</i> , 2009, 495, 129-138.	2.7	30
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