

# 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. <i>Chemical Reviews</i> , 2008, 108, 4754-4783.	23.0	934
3	Transition Bars during Transformation of an Amorphous Calcium Carbonate Precursor. <i>Chemistry of Materials</i> , 2008, 20, 6917-6928.	3.2	53
4	Bioinspired Synthesis of Mineralized Collagen Fibrils. <i>Crystal Growth and Design</i> , 2008, 8, 3084-3090.	1.4	205
5	Calcium phosphate nanoparticles in biomineralization and biomaterials. <i>Journal of Materials Chemistry</i> , 2008, 18, 3775.	6.7	264
6	Compositional analysis of a polymer-induced liquid-precursor (PILP) amorphous CaCO <sub>3</sub> phase. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 1845-1854.	1.5	77
7	Biom mineralization: A structural perspective. <i>Journal of Structural Biology</i> , 2008, 163, 229-234.	1.3	188
8	Detection of calcium phosphate crystals in the joint fluid of patients with osteoarthritis – analytical approaches and challenges. <i>Analyst, The</i> , 2008, 133, 302.	1.7	87
9	Biomimetic Model Systems for Investigating the Amorphous Precursor Pathway and Its Role in Biomineralization. <i>Chemical Reviews</i> , 2008, 108, 4551-4627.	23.0	938
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11	Crystal Structure of Hydroxyapatite Nanorods Synthesized by Sonochemical Homogeneous Precipitation. <i>Crystal Growth and Design</i> , 2008, 8, 2217-2222.	1.4	207
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13	Synthetic biomineralisation yielding HA/collagen hybrid composite. <i>Advances in Applied Ceramics</i> , 2008, 107, 298-302.	0.6	12
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15	Bone tissue engineering. , 2009, , 378-422.		3
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19	Hybrid Multicomponent Hydrogels for Tissue Engineering. <i>Macromolecular Bioscience</i> , 2009, 9, 140-156.	2.1	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.	4.1	402
21	Principles of demineralization: Modern strategies for the isolation of organic frameworks. <i>Micron</i> , 2009, 40, 169-193.	1.1	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.	1.1	27
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