Aihua Yao

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	In Vitro Mineralization Property of Borosilicate Bioactive Glass under DC Electric Field. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2021, 36, 1006.	0.6	1
2	The Interface Reactions and Solidification Mechanism of Glassy Waste under Hydrothermal Conditions. Glass Physics and Chemistry, 2021, 47, 340-348.	0.2	0
3	Nanocement Produced from Borosilicate Bioactive Glass Nanoparticles Composited with Alginate. Australian Journal of Chemistry, 2019, 72, 354.	0.5	8
4	Stimulatory Effects of Boron Containing Bioactive Glass on Osteogenesis and Angiogenesis of Polycaprolactone: In Vitro Study. BioMed Research International, 2019, 2019, 1-12.	0.9	22
5	TiN nanoparticles: synthesis and application as near-infrared photothermal agents for cancer therapy. Journal of Materials Science, 2019, 54, 5743-5756.	1.7	25
6	In situ synthesis of graphene oxide/gold nanorods theranostic hybrids for efficient tumor computed tomography imaging and photothermal therapy. Nano Research, 2017, 10, 37-48.	5.8	64
7	Synthesis of pH-responsive nanocomposites of gold nanoparticles and graphene oxide and their applications in SERS and catalysis. RSC Advances, 2017, 7, 56519-56527.	1.7	10
8	BMP2-loaded hollow hydroxyapatite microspheres exhibit enhanced osteoinduction and osteogenicity in large bone defects. International Journal of Nanomedicine, 2015, 10, 517.	3.3	41
9	Fabrication of N-acetyl-l-cysteine-capped CdSe-polyelectrolytes @ Hydroxyapatite Composite Microspheres for Fluorescence Detection of Cu2+ Ions. Journal of Materials Science and Technology, 2013, 29, 1104-1110.	5.6	3
10	Preparation and characterization of temperature-responsive magnetic composite particles for multi-modal cancer therapy. Journal of Materials Science: Materials in Medicine, 2011, 22, 2239-2247.	1.7	14
11	Preparation and characterization of β-TCP/CS scaffolds by freeze-extraction and freeze-gelation. Journal Wuhan University of Technology, Materials Science Edition, 2011, 26, 371-375.	0.4	4
12	In situ fabrication of hollow hydroxyapatite microspheres by phosphate solution immersion. Journal of Crystal Growth, 2011, 327, 245-250.	0.7	20
13	Preparation of hollow hydroxyapatite microspheres by the conversion of borate glass at near room temperature. Materials Research Bulletin, 2010, 45, 25-28.	2.7	29
14	Fabrication of superparamagnetic hydroxyapatite with highly ordered three-dimensional pores. Journal of Materials Science, 2009, 44, 4020-4025.	1.7	16
15	Synthesis, characterization and in vitro cytotoxicity of self-regulating magnetic implant material for hyperthermia application. Materials Science and Engineering C, 2009, 29, 2525-2529.	3.8	28
16	Preparation and characterization of periodic porous frame of hydroxyapatite. Journal of the Ceramic Society of Japan, 2009, 117, 521-524.	0.5	14
17	In Vitro Bioactive Characteristics of Borate-Based Glasses with Controllable Degradation Behavior. Journal of the American Ceramic Society, 2007, 90, 303-306.	1.9	251
18	Conversion of Bioactive Borosilicate Glass to Multilayered Hydroxyapatite in Dilute Phosphate Solution. Journal of the American Ceramic Society, 2007, 90, 070918221104004-???.	1.9	7

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19	Structure and crystallization behavior of borate-based bioactive glass. Journal of Materials Science, 2007, 42, 9730-9735.	1.7	15
20	Preparation of bioactive glasses with controllable degradation behavior and their bioactive characterization. Science Bulletin, 2007, 52, 272-276.	1.7	18
21	Photothermally active borosilicate-based composite bone cement for near-infrared light controlled mineralisation. Materials Technology, 0, , 1-8.	1.5	2