

# Aihua Yao

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

592  
citations

686830

13  
h-index

794141

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

857  
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vitro Bioactive Characteristics of Borate-Based Glasses with Controllable Degradation Behavior. <i>Journal of the American Ceramic Society</i> , 2007, 90, 303-306.	1.9	251
2	In situ synthesis of graphene oxide/gold nanorods theranostic hybrids for efficient tumor computed tomography imaging and photothermal therapy. <i>Nano Research</i> , 2017, 10, 37-48.	5.8	64
3	BMP2-loaded hollow hydroxyapatite&nbsp;microspheres exhibit enhanced osteoinduction and osteogenicity in large bone defects. <i>International Journal of Nanomedicine</i> , 2015, 10, 517.	3.3	41
4	Preparation of hollow hydroxyapatite microspheres by the conversion of borate glass at near room temperature. <i>Materials Research Bulletin</i> , 2010, 45, 25-28.	2.7	29
5	Synthesis, characterization and in vitro cytotoxicity of self-regulating magnetic implant material for hyperthermia application. <i>Materials Science and Engineering C</i> , 2009, 29, 2525-2529.	3.8	28
6	TiN nanoparticles: synthesis and application as near-infrared photothermal agents for cancer therapy. <i>Journal of Materials Science</i> , 2019, 54, 5743-5756.	1.7	25
7	Stimulatory Effects of Boron Containing Bioactive Glass on Osteogenesis and Angiogenesis of Polycaprolactone: In Vitro Study. <i>BioMed Research International</i> , 2019, 2019, 1-12.	0.9	22
8	In situ fabrication of hollow hydroxyapatite microspheres by phosphate solution immersion. <i>Journal of Crystal Growth</i> , 2011, 327, 245-250.	0.7	20
9	Preparation of bioactive glasses with controllable degradation behavior and their bioactive characterization. <i>Science Bulletin</i> , 2007, 52, 272-276.	1.7	18
10	Fabrication of superparamagnetic hydroxyapatite with highly ordered three-dimensional pores. <i>Journal of Materials Science</i> , 2009, 44, 4020-4025.	1.7	16
11	Structure and crystallization behavior of borate-based bioactive glass. <i>Journal of Materials Science</i> , 2007, 42, 9730-9735.	1.7	15
12	Preparation and characterization of periodic porous frame of hydroxyapatite. <i>Journal of the Ceramic Society of Japan</i> , 2009, 117, 521-524.	0.5	14
13	Preparation and characterization of temperature-responsive magnetic composite particles for multi-modal cancer therapy. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 2239-2247.	1.7	14
14	Synthesis of pH-responsive nanocomposites of gold nanoparticles and graphene oxide and their applications in SERS and catalysis. <i>RSC Advances</i> , 2017, 7, 56519-56527.	1.7	10
15	Nanocement Produced from Borosilicate Bioactive Glass Nanoparticles Compositing with Alginate. <i>Australian Journal of Chemistry</i> , 2019, 72, 354.	0.5	8
16	Conversion of Bioactive Borosilicate Glass to Multilayered Hydroxyapatite in Dilute Phosphate Solution. <i>Journal of the American Ceramic Society</i> , 2007, 90, 070918221104004-???	1.9	7
17	Preparation and characterization of $\beta$ -TCP/CS scaffolds by freeze-extraction and freeze-gelation. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2011, 26, 371-375.	0.4	4
18	Fabrication of N-acetyl-l-cysteine-capped CdSe-polyelectrolytes @ Hydroxyapatite Composite Microspheres for Fluorescence Detection of Cu <sup>2+</sup> Ions. <i>Journal of Materials Science and Technology</i> , 2013, 29, 1104-1110.	5.6	3

#	ARTICLE	IF	CITATIONS
19	Photothermally active borosilicate-based composite bone cement for near-infrared light controlled mineralisation. <i>Materials Technology</i> , 0, , 1-8.	1.5	2
20	In Vitro Mineralization Property of Borosilicate Bioactive Glass under DC Electric Field. Wuji Cailiao Xuebao/ <i>Journal of Inorganic Materials</i> , 2021, 36, 1006.	0.6	1
21	The Interface Reactions and Solidification Mechanism of Glassy Waste under Hydrothermal Conditions. <i>Glass Physics and Chemistry</i> , 2021, 47, 340-348.	0.2	0