

# Qingqing Yao

## List of Publications by Year in descending order

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21  
papers

1,377  
citations

430874

18  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

2480  
citing authors

#	ARTICLE	IF	CITATIONS
1	Three dimensional electrospun PCL/PLA blend nanofibrous scaffolds with significantly improved stem cells osteogenic differentiation and cranial bone formation. <i>Biomaterials</i> , 2017, 115, 115-127.	11.4	430
2	Mesoporous silicate nanoparticles/3D nanofibrous scaffold-mediated dual-drug delivery for bone tissue engineering. <i>Journal of Controlled Release</i> , 2018, 279, 69-78.	9.9	109
3	Electrospun Polyhydroxybutyrate/Poly( $\mu$ -caprolactone)/58S Sol-gel Bioactive Glass Hybrid Scaffolds with Highly Improved Osteogenic Potential for Bone Tissue Engineering. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 17098-17108.	8.0	97
4	Functionalization of PCL-3D electrospun nanofibrous scaffolds for improved BMP2-induced bone formation. <i>Applied Materials Today</i> , 2018, 10, 194-202.	4.3	96
5	Multifunctional Chitosan-45S5 Bioactive Glass-Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) Microsphere Composite Membranes for Guided Tissue/Bone Regeneration. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 20845-20854.	8.0	70
6	Cellulose Nanocrystals Bioactive Glass Hybrid Coating as Bone Substitutes by Electrophoretic Co-deposition: In Situ Control of Mineralization of Bioactive Glass and Enhancement of Osteoblastic Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 24715-24725.	8.0	63
7	Tailoring weight ratio of PCL/PLA in electrospun three-dimensional nanofibrous scaffolds and the effect on osteogenic differentiation of stem cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 171, 31-39.	5.0	62
8	Bacterial infection microenvironment-responsive enzymatically degradable multilayer films for multifunctional antibacterial properties. <i>Journal of Materials Chemistry B</i> , 2017, 5, 8532-8541.	5.8	60
9	Hypoxia-Mimicking Nanofibrous Scaffolds Promote Endogenous Bone Regeneration. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 32450-32459.	8.0	57
10	Multifunctional chitosan/polyvinyl pyrrolidone/45S5 Bioglass <sup>®</sup> scaffolds for MC3T3-E1 cell stimulation and drug release. <i>Materials Science and Engineering C</i> , 2015, 56, 473-480.	7.3	45
11	Hypoxia-mimicking 3D bioglass-nanoclay scaffolds promote endogenous bone regeneration. <i>Bioactive Materials</i> , 2021, 6, 3485-3495.	15.6	44
12	Optical Biosensors Based on Nitrogen-Doped Graphene Functionalized with Magnetic Nanoparticles. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600590.	3.7	40
13	Excess Se-doped MoSe <sub>2</sub> and nitrogen-doped reduced graphene oxide composite as electrocatalyst for hydrogen evolution and oxygen reduction reaction. <i>Journal of Alloys and Compounds</i> , 2020, 848, 156588.	5.5	35
14	The evaluation of physical properties and in vitro cell behavior of PHB/PCL/sol-gel derived silica hybrid scaffolds and PHB/PCL/fumed silica composite scaffolds. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 93-98.	5.0	28
15	Nanoclay-functionalized 3D nanofibrous scaffolds promote bone regeneration. <i>Journal of Materials Chemistry B</i> , 2020, 8, 3842-3851.	5.8	28
16	Long-term induction of endogenous BMPs growth factor from antibacterial dual network hydrogels for fast large bone defect repair. <i>Journal of Colloid and Interface Science</i> , 2022, 607, 1500-1515.	9.4	24
17	Bioglass <sup>®</sup> /chitosan-polycaprolactone bilayered composite scaffolds intended for osteochondral tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, n/a-n/a.	4.0	22
18	Heparin-dopamine functionalized graphene foam for sustained release of bone morphogenetic protein-2. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 1519-1529.	2.7	22

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19	BBP-functionalized biomimetic nanofibrous scaffolds can capture BMP2 and promote osteogenic differentiation. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5196-5205.	5.8	18
20	One-pot porogen free method fabricated porous microsphere-agggregated 3D PCL scaffolds for bone tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 2699-2710.	3.4	14
21	Novel three-dimensional bioglass functionalized gelatin nanofibrous scaffolds for bone regeneration. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 517-526.	3.4	13