

# Mingying Yang

## List of Publications by Year in descending order

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8  
papers

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1163117  
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#	ARTICLE	IF	CITATIONS
1	Biomimetic Nucleation of Hydroxyapatite Crystals Mediated by <i>Antheraea pernyi</i> Silk Sericin Promotes Osteogenic Differentiation of Human Bone Marrow Derived Mesenchymal Stem Cells. <i>Biomacromolecules</i> , 2014, 15, 1185-1193.	5.4	91
2	Ca <sup>2+</sup> -induced self-assembly of Bombyx mori silk sericin into a nanofibrous network-like protein matrix for directing controlled nucleation of hydroxylapatite nano-needles. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2455-2462.	5.8	58
3	Protein Nanofibril Assemblies Templated by Graphene Oxide Nanosheets Accelerate Early Cell Adhesion and Induce Osteogenic Differentiation of Human Mesenchymal Stem Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 31988-31997.	8.0	37
4	Ice-Templated Protein Nanoridges Induce Bone Tissue Formation. <i>Advanced Functional Materials</i> , 2017, 27, 1703726.	14.9	33
5	In situ protein-templated porous protein-hydroxylapatite nanocomposite microspheres for pH-dependent sustained anticancer drug release. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3945-3954.	5.8	30
6	Mesoscale structure development reveals when a silkworm silk is spun. <i>Nature Communications</i> , 2021, 12, 3711.	12.8	17
7	Nucleation of Hydroxyapatite on <i>Antheraea pernyi</i> (A. pernyi) Silk Fibroin Film. <i>Bio-Medical Materials and Engineering</i> , 2014, 24, 731-740.	0.6	15
8	Biom mineralization Directed by Prenucleated Calcium and Phosphorus Nanoclusters Improving Mechanical Properties and Osteogenic Potential of <i>Antheraea pernyi</i> Silk Fibroin-Based Artificial Periosteum. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001695.	7.6	13