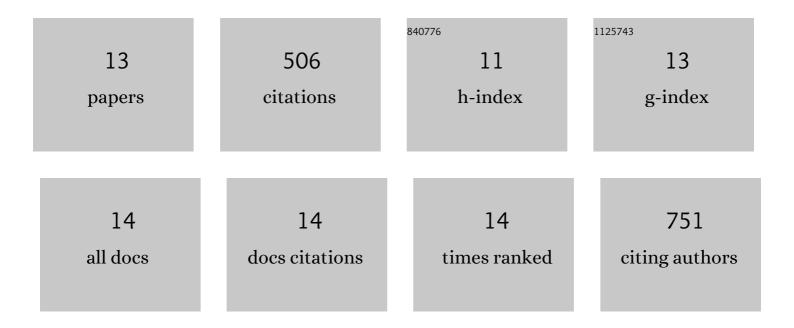
Ashley A Vu

List of Publications by Year in descending order

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Δςμιέν Δ. Μι

#	Article	IF	CITATIONS
1	Compositionally graded doped hydroxyapatite coating on titanium using laser and plasma spray deposition for bone implants. Acta Biomaterialia, 2019, 84, 414-423.	8.3	121
2	Mechanical and biological properties of ZnO, SiO2, and Ag2O doped plasma sprayed hydroxyapatite coating for orthopaedic and dental applications. Acta Biomaterialia, 2019, 92, 325-335.	8.3	107
3	Additive manufacturing of natural biopolymers and composites for bone tissue engineering. Materials Horizons, 2020, 7, 2011-2027.	12.2	81
4	Effects of polycaprolactone on alendronate drug release from Mg-doped hydroxyapatite coating on titanium. Materials Science and Engineering C, 2018, 88, 166-171.	7.3	49
5	Thermal Oxide Layer Enhances Crystallinity and Mechanical Properties for Plasma-Sprayed Hydroxyapatite Biomedical Coatings. ACS Applied Materials & Interfaces, 2020, 12, 33465-33472.	8.0	26
6	Clinical significance of three-dimensional printed biomaterials and biomedical devices. MRS Bulletin, 2019, 44, 494-504.	3.5	23
7	Effects of surface area and topography on 3D printed tricalcium phosphate scaffolds for bone grafting applications. Additive Manufacturing, 2021, 39, 101870.	3.0	21
8	Natural Antibiotic Oregano in Hydroxyapatite-Coated Titanium Reduces Osteoclastic Bone Resorption for Orthopedic and Dental Applications. ACS Applied Materials & Interfaces, 2020, 12, 52383-52392.	8.0	18
9	Vitamin D3 Release from Traditionally and Additively Manufactured Tricalcium Phosphate Bone Tissue Engineering Scaffolds. Annals of Biomedical Engineering, 2020, 48, 1025-1033.	2.5	17
10	Effects of chitosan-loaded hydroxyapatite on osteoblasts and osteosarcoma for chemopreventative applications. Materials Science and Engineering C, 2020, 115, 111041.	7.3	16
11	Ginger and Garlic Extracts Enhance Osteogenesis in 3D Printed Calcium Phosphate Bone Scaffolds with Bimodal Pore Distribution. ACS Applied Materials & Interfaces, 2022, 14, 12964-12975.	8.0	12
12	Effects of vitamin D ₃ release from 3D printed calcium phosphate scaffolds on osteoblast and osteoclast cell proliferation for bone tissue engineering. RSC Advances, 2019, 9, 34847-34853.	3.6	10
13	Effects of Vitamin A (Retinol) Release from Calcium Phosphate Matrices and Porous 3D Printed Scaffolds on Bone Cell Proliferation and Maturation. ACS Applied Bio Materials, 2022, 5, 1120-1129.	4.6	5