## Vincent Fitzpatrick

List of Publications by Year in descending order

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840776 1281871 12 855 11 11 citations h-index g-index papers 13 13 13 1140 docs citations times ranked citing authors all docs

| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Photoacoustic Carbon Nanotubes Embedded Silk Scaffolds for Neural Stimulation and Regeneration. ACS Nano, 2022, 16, 2292-2305.                                   | 14.6 | 50        |
| 2  | 3D-printed scaffold combined to 2D osteoinductive coatings to repair a critical-size mandibular bone defect. Materials Today Bio, 2021, 11, 100113.              | 5.5  | 20        |
| 3  | Functionalized 3D-printed silk-hydroxyapatite scaffolds for enhanced bone regeneration with innervation and vascularization. Biomaterials, 2021, 276, 120995.    | 11.4 | 96        |
| 4  | Design of biodegradable, implantable devices towards clinical translation. Nature Reviews Materials, 2020, 5, 61-81.   | 48.7 | 440       |
| 5  | Selfâ€Folding 3D Silk Biomaterial Rolls to Facilitate Axon and Bone Regeneration. Advanced Healthcare Materials, 2020, 9, e2000530.                              | 7.6  | 15        |
| 6  | Silk Polymers and Nanoparticles: A Powerful Combination for the Design of Versatile Biomaterials. Frontiers in Chemistry, 2020, 8, 604398.                       | 3.6  | 31        |
| 7  | From Silk Spinning to 3D Printing: Polymer Manufacturing using Directed Hierarchical Molecular Assembly. Advanced Healthcare Materials, 2020, 9, e1901552.       | 7.6  | 53        |
| 8  | Automated Buildup of Biomimetic Films in Cell Culture Microplates for Highâ€Throughput Screening of Cellular Behaviors. Advanced Materials, 2018, 30, e1801097.  | 21.0 | 36        |
| 9  | Signal mingle: Micropatterns of BMP-2 and fibronectin on soft biopolymeric films regulate myoblast shape and SMAD signaling. Scientific Reports, 2017, 7, 41479. | 3.3  | 26        |
| 10 | Stiffness-dependent cellular internalization of matrix-bound BMP-2 and its relation to Smad and non-Smad signaling. Acta Biomaterialia, 2016, 46, 55-67.         | 8.3  | 29        |
| 11 | Complementary Effects of Two Growth Factors in Multifunctionalized Silk Nanofibers for Nerve Reconstruction. PLoS ONE, 2014, 9, e109770.                         | 2.5  | 59        |
| 12 | 3D Printed Scaffold Combined to 2D Osteoinductive Coatings To Repair a Critical-Size Mandibular Bone Defect. SSRN Electronic Journal, 0, , .                     | 0.4  | 0         |