

Robert Pilliar

List of Publications by Year in descending order

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7
papers

94
citations

1684188

5
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

146
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of structural and mechanical properties in bioceramic bone substitutes via additive manufacturing layer stacking orientation. <i>Additive Manufacturing</i> , 2015, 6, 30-38.	3.0	35
2	Effect of Gray Scale Binder Levels on Additive Manufacturing of Porous Scaffolds with Heterogeneous Properties. <i>International Journal of Applied Ceramic Technology</i> , 2015, 12, 62-70.	2.1	20
3	Effect of glycerol concentrations on the mechanical properties of additive manufactured porous calcium polyphosphate structures for bone substitute applications. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 828-835.	3.4	15
4	Inorganic polyphosphates enhances nucleus pulposus tissue formation in vitro. <i>Journal of Orthopaedic Research</i> , 2017, 35, 41-50.	2.3	8
5	Transforming Growth Factor β 2 Enhances Tissue Formation by Passaged Nucleus Pulposus Cells In Vitro. <i>Journal of Orthopaedic Research</i> , 2020, 38, 438-449.	2.3	6
6	Phase transformations during processing and in vitro degradation of porous calcium polyphosphates. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 117.	3.6	5
7	Additive manufacture of porous ceramic proximal interphalangeal (PIP) joint implant: design and process optimization. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 115, 2825-2837.	3.0	5