

Benjamin Schon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2614122/publications.pdf>

Version: 2024-02-01

12
papers

686
citations

1039406

9
h-index

1199166

12
g-index

12
all docs

12
docs citations

12
times ranked

1091
citing authors

#	ARTICLE	IF	CITATIONS
1	New Visible-Light Photoinitiating System for Improved Print Fidelity in Gelatin-Based Bioinks. ACS Biomaterials Science and Engineering, 2016, 2, 1752-1762.	2.6	259
2	Automated 3D bioassembly of micro-tissues for biofabrication of hybrid tissue engineered constructs. Biofabrication, 2018, 10, 024103.	3.7	137
3	Modular Tissue Assembly Strategies for Biofabrication of Engineered Cartilage. Annals of Biomedical Engineering, 2017, 45, 100-114.	1.3	78
4	Validation of a high-throughput microtissue fabrication process for 3D assembly of tissue engineered cartilage constructs. Cell and Tissue Research, 2012, 347, 629-642.	1.5	59
5	Quantitative imaging of excised osteoarthritic cartilage using spectral CT. European Radiology, 2017, 27, 384-392.	2.3	42
6	A rheological test to assess the ability of food inks to form dimensionally stable 3D food structures. Journal of Food Engineering, 2021, 291, 110235.	2.7	42
7	Assessment of a novel window of dimensional stability for screening food inks for 3D printing. Journal of Food Engineering, 2021, 292, 110349.	2.7	24
8	Measuring Identification and Quantification Errors in Spectral CT Material Decomposition. Applied Sciences (Switzerland), 2018, 8, 467.	1.3	13
9	An experimental assessment of filament-extrusion models used in slicer software for 3D food-printing applications. Journal of Food Engineering, 2022, 317, 110711.	2.7	12
10	Biaxial mechanics of 3D fiber deposited ply-laminate scaffolds for soft tissue engineering part I: Experimental evaluation. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 98, 317-326.	1.5	9
11	Spectral CT imaging of human osteoarthritic cartilage via quantitative assessment of glycosaminoglycan content using multiple contrast agents. APL Bioengineering, 2021, 5, 026101.	3.3	8
12	A Conductive Microfiltration Membrane for In Situ Fouling Detection: Proof of Concept Using Model Wine Solutions. Macromolecular Rapid Communications, 2020, 41, 2000303.	2.0	3