Benjamin Schon

List of Publications by Year
in descending order

12	686	1039406 9	1199166 12
papers	citations	h-index	g-index

12	12	12	1091
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	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
4	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
5	A Conductive Microfiltration Membrane for In Situ Fouling Detection: Proofâ€ofâ€Concept Using Model Wine Solutions. Macromolecular Rapid Communications, 2020, 41, 2000303.	2.0	3
6	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
7	Automated 3D bioassembly of micro-tissues for biofabrication of hybrid tissue engineered constructs. Biofabrication, 2018, 10, 024103.	3.7	137
8	Measuring Identification and Quantification Errors in Spectral CT Material Decomposition. Applied Sciences (Switzerland), 2018, 8, 467.	1.3	13
9	Quantitative imaging of excised osteoarthritic cartilage using spectral CT. European Radiology, 2017, 27, 384-392.	2.3	42
10	Modular Tissue Assembly Strategies for Biofabrication of Engineered Cartilage. Annals of Biomedical Engineering, 2017, 45, 100-114.	1.3	78
11	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
12	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