Pan Jiang

List of Publications by Year
in descending order

14	515	933264 10	1199470 12
papers	citations	h-index	g-index

14	14	14	595
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Grayscale Stereolithography of Gradient Hydrogel with Siteâ€Selective Shape Deformation. Advanced Materials Technologies, 2022, 7, .	3.0	12
2	Growing Hydrogel Organ Mannequins with Interconnected Cavity Structures. Advanced Functional Materials, 2022, 32, .	7.8	14
3	4D-printed light-responsive structures. , 2022, , 55-105.		0
4	Biomechanically Compatible Hydrogel Bioprosthetic Valves. Chemistry of Materials, 2022, 34, 6129-6141.	3.2	15
5	3D Printing of Highâ€Performance Isocyanate Ester Thermosets. Macromolecular Materials and Engineering, 2020, 305, 2000397.	1.7	16
6	3D Printing of Dual-Physical Cross-linking Hydrogel with Ultrahigh Strength and Toughness. Chemistry of Materials, 2020, 32, 9983-9995.	3.2	89
7	Surface functionalization â€“ a new functional dimension added to 3D printing. Journal of Materials Chemistry C, 2020, 8, 12380-12411.	2.7	36
8	3D printing of metal-organic frameworks decorated hierarchical porous ceramics for high-efficiency catalytic degradation. Chemical Engineering Journal, 2020, 397, 125392.	6.6	86
9	3D printing of bioinspired textured surfaces with superamphiphobicity. Nanoscale, 2020, 12, 2924-2938.	2.8	54
10	Drawing High-Definition and Reversible Hydrogel Paintings with Grayscale Exposure. ACS Applied Materials & Interfaces, 2019, 11, 42586-42593.	4.0	21
11	Direct ink writing with high-strength and swelling-resistant biocompatible physically crosslinked hydrogels. Biomaterials Science, 2019, 7, 1805-1814.	2.6	90
12	Recent advances in direct ink writing of electronic components and functional devices. Progress in Additive Manufacturing, 2018, 3, 65-86.	2.5	67
13	High compressive strength metallic architectures prepared via polyelectrolyte-brush assisted metal deposition on 3D printed lattices. Nano Structures Nano Objects, 2018, 16, 420-427.	1.9	10
14	Additively Manufacturing Metalâ^'Organic Frameworks and Derivatives: Methods, Functional Objects, and Applications. ACS Symposium Series, 0, , 17-51.	0.5	5