

Amrita Basu

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

368
citations

1478505

6
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

445
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of polymer mechanochemistry in responsive materials and additive manufacturing. <i>Nature Reviews Materials</i> , 2021, 6, 84-98.	48.7	151
2	Chemical modification and printability of shear-thinning hydrogel inks for direct-write 3D printing. <i>Polymer</i> , 2018, 152, 42-50.	3.8	116
3	Catalytically Initiated Gel-in-Gel Printing of Composite Hydrogels. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 40898-40904.	8.0	44
4	Mechanochromic composite elastomers for additive manufacturing and low strain mechanophore activation. <i>Polymer Chemistry</i> , 2019, 10, 5985-5991.	3.9	22
5	Mechano-Activated Objects with Multidirectional Shape Morphing Programmed via 3D Printing. <i>ACS Applied Polymer Materials</i> , 2020, 2, 2504-2508.	4.4	20
6	Mechanoactivation of Color and Autonomous Shape Change in 3D-Printed Ionic Polymer Networks. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 19263-19270.	8.0	15