

Rushikesh S Ambekar

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

457
citations

8
h-index

19
g-index

19
ext. papers

663
ext. citations

6.3
avg, IF

5.14
L-index

#	Paper	IF	Citations
17	3D Printed Materials in Water Treatment Applications. <i>Advanced Sustainable Systems</i> , 2022 , 6, 2100282	5.9	3
16	Atomic Scale Structure Inspired 3D-Printed Porous Structures with Tunable Mechanical Response. <i>Advanced Engineering Materials</i> , 2021 , 23, 2001428	3.5	7
15	On the mechanical properties of atomic and 3D printed zeolite-templated carbon nanotube networks. <i>Additive Manufacturing</i> , 2021 , 37, 101628	6.1	2
14	Mechanical and Acoustic Behavior of 3D-Printed Hierarchical Mathematical Fractal Menger Sponge. <i>Advanced Engineering Materials</i> , 2021 , 23, 2001471	3.5	6
13	Topologically engineered 3D printed architectures with superior mechanical strength. <i>Materials Today</i> , 2021 , 48, 72-72	21.8	5
12	Quantifying instant water cleaning efficiency using zinc oxide decorated complex 3D printed porous architectures. <i>Journal of Hazardous Materials</i> , 2021 , 418, 126383	12.8	5
11	Flexure resistant 3D printed zeolite-inspired structures. <i>Additive Manufacturing</i> , 2021 , 47, 102297	6.1	2
10	Development of a schwarzite-based moving bed 3D printed water treatment system for nanoplastic remediation.. <i>RSC Advances</i> , 2021 , 11, 19788-19796	3.7	8
9	Antimicrobial Electrospun Materials 2020 , 483-514		1
8	Recent advances in dendrimer-based nanoplatfrom for cancer treatment: A review. <i>European Polymer Journal</i> , 2020 , 126, 109546	5.2	48
7	Electrospun nanofiber-based cancer sensors: A review. <i>International Journal of Pharmaceutics</i> , 2020 , 583, 119364	6.5	25
6	2D Hexagonal Boron Nitride-Coated Cotton Fabric with Self-Extinguishing Property. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 45274-45280	9.5	21
5	Advancements in nanofibers for wound dressing: A review. <i>European Polymer Journal</i> , 2019 , 117, 304-336	5.2	150
4	Progress in the Advancement of Porous Biopolymer Scaffold: Tissue Engineering Application. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 6163-6194	3.9	84
3	EPhase Cu-Phthalocyanine/Acrylonitrile Butadiene Styrene Terpolymer Nanocomposite Film Technology for Organoelectronic Applications. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 28081-28092	3.8	17
2	A polydopamine-based platform for anti-cancer drug delivery. <i>Biomaterials Science</i> , 2019 , 7, 1776-1793	7.4	72
1	2D nanomaterials in 3D/4D-printed biomedical devices. <i>Journal of Materials Research</i> , 1	2.5	1

