Rushikesh S Ambekar

List of Publications by Year
in descending order

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17	912	623188	887659
papers	citations	14	17
		h-index	g-index

19	19	19	1057
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Advancements in nanofibers for wound dressing: A review. European Polymer Journal, 2019, 117, 304-336.	2.6	277
2	Progress in the Advancement of Porous Biopolymer Scaffold: Tissue Engineering Application. Industrial & Engineering Chemistry Research, 2019, 58, 6163-6194.	1.8	133
3	A polydopamine-based platform for anti-cancer drug delivery. Biomaterials Science, 2019, 7, 1776-1793.	2.6	117
4	Recent advances in dendrimer-based nanoplatform for cancer treatment: A review. European Polymer Journal, 2020, 126, 109546.	2.6	76
5	2D Hexagonal Boron Nitride-Coated Cotton Fabric with Self-Extinguishing Property. ACS Applied Materials & Interfaces, 2020, 12, 45274-45280.	4.0	46
6	Electrospun nanofiber-based cancer sensors: A review. International Journal of Pharmaceutics, 2020, 583, 119364.	2.6	43
7	Topologically engineered 3D printed architectures with superior mechanical strength. Materials Today, 2021, 48, 72-94.	8.3	37
8	Mechanical and Acoustic Behavior of 3Dâ€Printed Hierarchical Mathematical Fractal Menger Sponge. Advanced Engineering Materials, 2021, 23, 2001471.	1.6	32
9	Î²-Phase Cu-Phthalocyanine/Acrylonitrile Butadiene Styrene Terpolymer Nanocomposite Film Technology for Organoelectronic Applications. Journal of Physical Chemistry C, 2019, 123, 28081-28092.	1.5	30
10	Quantifying instant water cleaning efficiency using zinc oxide decorated complex 3D printed porous architectures. Journal of Hazardous Materials, 2021, 418, 126383.	6.5	27
11	Development of a schwarzite-based moving bed 3D printed water treatment system for nanoplastic remediation. RSC Advances, 2021, 11, 19788-19796.	1.7	21
12	3D Printed Materials in Water Treatment Applications. Advanced Sustainable Systems, 2022, 6, .	2.7	18
13	Atomic Scale Structure Inspired 3Dâ€Printed Porous Structures with Tunable Mechanical Response. Advanced Engineering Materials, 2021, 23, 2001428.	1.6	16
14	2D nanomaterials in 3D/4D-printed biomedical devices. Journal of Materials Research, 2021, 36, 4024-4050.	1.2	16
15	On the mechanical properties of atomic and 3D printed zeolite-templated carbon nanotube networks. Additive Manufacturing, 2021, 37, 101628.	1.7	14
16	Flexure resistant 3D printed zeolite-inspired structures. Additive Manufacturing, 2021, 47, 102297.	1.7	4
17	Understanding the mechanics of complex topology of the 3D printed Anthill architecture. Oxford Open Materials Science, 2022, 2, .	0.5	3