

Seshadri S Ramkumar

List of Publications by Year in descending order

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24
papers

2,003
citations

623188

14
h-index

642321

23
g-index

24
all docs

24
docs citations

24
times ranked

2789
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrospinning of nanofibers. <i>Journal of Applied Polymer Science</i> , 2005, 96, 557-569.	1.3	1,401
2	Crude Oil Sorption by Raw Cotton. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 6277-6281.	1.8	135
3	Self-assembled honeycomb polyurethane nanofibers. <i>Journal of Applied Polymer Science</i> , 2006, 101, 3121-3124.	1.3	69
4	Novel Natural Sorbent for Oil Spill Cleanup. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 11954-11961.	1.8	66
5	Functional Nanofibers and Their Applications. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 5439-5455.	1.8	41
6	Functional PVDF/rGO/TiO ₂ nanofiber webs for the removal of oil from water. <i>Polymer</i> , 2020, 186, 122028.	1.8	35
7	Comparison of hydrophilic PVA/TiO ₂ and hydrophobic PVDF/TiO ₂ microfiber webs on the dye pollutant photo-catalyzation. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103914.	3.3	34
8	Filtration Efficiency of Submicrometer Filters. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 16513-16518.	1.8	29
9	Frictional study of woven fabrics: The relationship between the friction and velocity of testing. <i>Journal of Applied Polymer Science</i> , 2004, 92, 2420-2424.	1.3	28
10	Atmospheric pressure plasma treatment and breathability of polypropylene nonwoven fabric. <i>Journal of Industrial Textiles</i> , 2013, 42, 501-514.	1.1	23
11	Next-Generation Nonparticulate Dry Nonwoven Pad for Chemical Warfare Agent Decontamination. <i>Industrial & Engineering Chemistry Research</i> , 2008, 47, 9889-9895.	1.8	20
12	Functional PVA/VB ₂ /TiO ₂ Nanofiber Webs for Controlled Drug Delivery. <i>ACS Applied Bio Materials</i> , 2019, 2, 5916-5929.	2.3	20
13	Breathability of Standalone Poly(vinyl alcohol) Nanofiber Webs. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 6951-6958.	1.8	17
14	Visible Light Photocatalytic Functional TiO ₂ /PVDF Nanofibers for Dye Pollutant Degradation. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1900091.	1.2	16
15	Experimental study of the frictional properties of friction spun yarns. <i>Journal of Applied Polymer Science</i> , 2003, 88, 2450-2454.	1.3	15
16	Preparation and Characterization of Honey-Treated PVA Nanowebs. <i>AATCC Journal of Research</i> , 2016, 3, 25-31.	0.3	11
17	Preparation and characterization of bioactive and breathable polyvinyl alcohol nanowebs using a combinational approach. <i>Tappi Journal</i> , 2016, 15, 655-662.	0.2	9
18	Optimization of testing parameters for tensile property evaluation of poly(vinyl alcohol) nanofibers webs. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47159.	1.3	7

#	ARTICLE	IF	CITATIONS
19	Gauge length effect on the tensile properties of leather. Journal of Applied Polymer Science, 2006, 101, 1202-1209.	1.3	6
20	Nanomaterials for Defense Applications. NATO Science for Peace and Security Series B: Physics and Biophysics, 2012, , 197-218.	0.2	6
21	Effectiveness of Face Coverings in Mitigating the COVID-19 Pandemic in the United States. International Journal of Environmental Research and Public Health, 2021, 18, 3666.	1.2	6
22	Particle-Size-Dependent Filtration Efficiency, Breathability, and Flow Resistance of Face Coverings and Common Household Fabrics Used for Face Masks During the COVID-19 Pandemic. International Journal of Environmental Research, 2022, 16, 11.	1.1	5
23	Tensile testing and fracture mechanism analysis of polyvinyl alcohol nanofibrous webs. Journal of Applied Polymer Science, 2020, 137, 49213.	1.3	4
24	Nanofibrous Substrate for Tissue Engineering Applicationsâ€™A Review. AATCC Journal of Research, 2021, 8, 13-21.	0.3	0