

Seshadri S Ramkumar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6148644/publications.pdf>

Version: 2024-02-01

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 | 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 |
| 2 | 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 |
| 3 | Nanofibrous Substrate for Tissue Engineering Applications—A Review. AATCC Journal of Research, 2021, 8, 13-21. | 0.3 | 0 |
| 4 | Functional PVDF/rGO/TiO ₂ nanofiber webs for the removal of oil from water. Polymer, 2020, 186, 122028. | 1.8 | 35 |
| 5 | Comparison of hydrophilic PVA/TiO ₂ and hydrophobic PVDF/TiO ₂ microfiber webs on the dye pollutant photo-catalyzation. Journal of Environmental Chemical Engineering, 2020, 8, 103914. | 3.3 | 34 |
| 6 | Functional Nanofibers and Their Applications. Industrial & Engineering Chemistry Research, 2020, 59, 5439-5455. | 1.8 | 41 |
| 7 | Tensile testing and fracture mechanism analysis of polyvinyl alcohol nanofibrous webs. Journal of Applied Polymer Science, 2020, 137, 49213. | 1.3 | 4 |
| 8 | Visible Light Photocatalytic Functional TiO ₂ /PVDF Nanofibers for Dye Pollutant Degradation. Particle and Particle Systems Characterization, 2019, 36, 1900091. | 1.2 | 16 |
| 9 | Functional PVA/VB ₂ /TiO ₂ Nanofiber Webs for Controlled Drug Delivery. ACS Applied Bio Materials, 2019, 2, 5916-5929. | 2.3 | 20 |
| 10 | Optimization of testing parameters for tensile property evaluation of poly(vinyl alcohol) nanofibers webs. Journal of Applied Polymer Science, 2019, 136, 47159. | 1.3 | 7 |
| 11 | Preparation and Characterization of Honey-Treated PVA Nanowebs. AATCC Journal of Research, 2016, 3, 25-31. | 0.3 | 11 |
| 12 | Preparation and characterization of bioactive and breathable polyvinyl alcohol nanowebs using a combinational approach. Tappi Journal, 2016, 15, 655-662. | 0.2 | 9 |
| 13 | Novel Natural Sorbent for Oil Spill Cleanup. Industrial & Engineering Chemistry Research, 2014, 53, 11954-11961. | 1.8 | 66 |
| 14 | Breathability of Standalone Poly(vinyl alcohol) Nanofiber Webs. Industrial & Engineering Chemistry Research, 2014, 53, 6951-6958. | 1.8 | 17 |
| 15 | Filtration Efficiency of Submicrometer Filters. Industrial & Engineering Chemistry Research, 2013, 52, 16513-16518. | 1.8 | 29 |
| 16 | Crude Oil Sorption by Raw Cotton. Industrial & Engineering Chemistry Research, 2013, 52, 6277-6281. | 1.8 | 135 |
| 17 | Atmospheric pressure plasma treatment and breathability of polypropylene nonwoven fabric. Journal of Industrial Textiles, 2013, 42, 501-514. | 1.1 | 23 |
| 18 | Nanomaterials for Defense Applications. NATO Science for Peace and Security Series B: Physics and Biophysics, 2012, , 197-218. | 0.2 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Next-Generation Nonparticulate Dry Nonwoven Pad for Chemical Warfare Agent Decontamination. <i>Industrial & Engineering Chemistry Research</i> , 2008, 47, 9889-9895. | 1.8 | 20 |
| 20 | Gauge length effect on the tensile properties of leather. <i>Journal of Applied Polymer Science</i> , 2006, 101, 1202-1209. | 1.3 | 6 |
| 21 | Self-assembled honeycomb polyurethane nanofibers. <i>Journal of Applied Polymer Science</i> , 2006, 101, 3121-3124. | 1.3 | 69 |
| 22 | Electrospinning of nanofibers. <i>Journal of Applied Polymer Science</i> , 2005, 96, 557-569. | 1.3 | 1,401 |
| 23 | 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 |
| 24 | Experimental study of the frictional properties of friction spun yarns. <i>Journal of Applied Polymer Science</i> , 2003, 88, 2450-2454. | 1.3 | 15 |