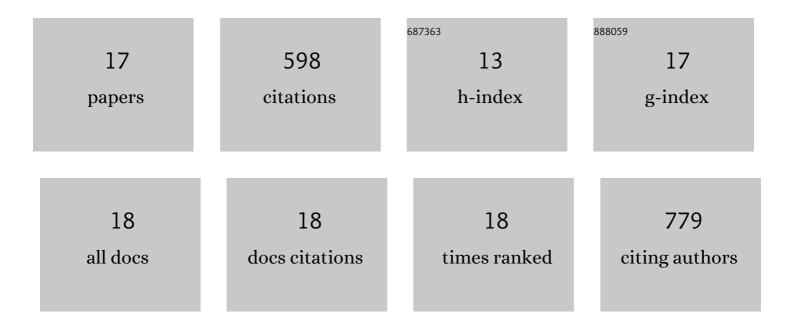
Shovon Bhattacharjee

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Face masks and respirators: Towards sustainable materials and technologies to overcome the shortcomings and challenges. Nano Select, 2022, 3, 1355-1381. | 3.7 | 9 |
| 2 | Droplets and Aerosols Generated by Singing and the Risk of Coronavirus Disease 2019 for Choirs. Clinical Infectious Diseases, 2021, 72, e639-e641. | 5.8 | 44 |
| 3 | Experimental Evidence for the Optimal Design of a High-Performing Cloth Mask. ACS Biomaterials Science and Engineering, 2021, 7, 2791-2802. | 5.2 | 18 |
| 4 | Graphene- and Nanoparticle-Embedded Antimicrobial and Biocompatible Cotton/Silk Fabrics for Protective Clothing. ACS Applied Bio Materials, 2021, 4, 6175-6185. | 4.6 | 39 |
| 5 | Flow dynamics of droplets expelled during sneezing. Physics of Fluids, 2021, 33, 111901. | 4.0 | 19 |
| 6 | Face coverings and mask to minimise droplet dispersion and aerosolisation: a video case study. Thorax, 2020, 75, 1024-1025. | 5.6 | 45 |
| 7 | A study on the preparation and characterization of maghemite (γ-Fe ₂ O ₃) particles from iron-containing waste materials. Journal of Asian Ceramic Societies, 2020, 8, 1083-1094. | 2.3 | 18 |
| 8 | Reduced Graphene Oxide and Nanoparticles Incorporated Durable Electroconductive Silk Fabrics. Advanced Materials Interfaces, 2020, 7, 2000814. | 3.7 | 40 |
| 9 | Last-resort strategies during mask shortages: optimal design features of cloth masks and decontamination of disposable masks during the COVID-19 pandemic. BMJ Open Respiratory Research, 2020, 7, e000698. | 3.0 | 50 |
| 10 | Nanoparticles incorporated graphene-based durable cotton fabrics. Carbon, 2020, 166, 148-163. | 10.3 | 71 |
| 11 | Graphene Modified Multifunctional Personal Protective Clothing. Advanced Materials Interfaces, 2019, 6, 1900622. | 3.7 | 150 |
| 12 | Phytochemical and pharmacological evaluation of methanolic extract of Lathyrus sativus L. seeds. Clinical Phytoscience, 2018, 4, . | 1.6 | 5 |
| 13 | ZnO nanoparticles preparation from spent zinc–carbon dry cell batteries: studies on structural, morphological and optical properties. Journal of Asian Ceramic Societies, 2018, 6, 262-270. | 2.3 | 15 |
| 14 | Reinforcement of Gelatin-Based Nanofilled Polymer Biocomposite by Crystalline Cellulose from Cotton for Advanced Wound Dressing Applications. Polymers, 2017, 9, 222. | 4.5 | 33 |
| 15 | Characterization of Beta-Tricalcium Phosphate (β- TCP) Produced at Different Process Conditions. Journal of Bioengineering & Biomedical Science, 2017, 07, . | 0.2 | 9 |
| 16 | Effects of Fire Retardants on Jute Fiber Reinforced Polyvinyl Chloride/Polypropylene Hybrid Composites. International Journal of Materials Science and Applications, 2013, 2, 162. | 0.1 | 2 |
| 17 | Analysis of the Proximate Composition and Energy Values of Two Varieties of Onion (Allium Cepa L.) Bulbs of Different Origin: A Comparative Study. International Journal of Nutrition and Food Sciences, 2013, 2, 246. | 0.4 | 31 |