

# Shovon Bhattacharjee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7775347/publications.pdf>

Version: 2024-02-01

17  
papers

598  
citations

687363

13  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

779  
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene Modified Multifunctional Personal Protective Clothing. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900622.	3.7	150
2	Nanoparticles incorporated graphene-based durable cotton fabrics. <i>Carbon</i> , 2020, 166, 148-163.	10.3	71
3	Last-resort strategies during mask shortages: optimal design features of cloth masks and decontamination of disposable masks during the COVID-19 pandemic. <i>BMJ Open Respiratory Research</i> , 2020, 7, e000698.	3.0	50
4	Face coverings and mask to minimise droplet dispersion and aerosolisation: a video case study. <i>Thorax</i> , 2020, 75, 1024-1025.	5.6	45
5	Droplets and Aerosols Generated by Singing and the Risk of Coronavirus Disease 2019 for Choirs. <i>Clinical Infectious Diseases</i> , 2021, 72, e639-e641.	5.8	44
6	Reduced Graphene Oxide and Nanoparticles Incorporated Durable Electroconductive Silk Fabrics. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000814.	3.7	40
7	Graphene- and Nanoparticle-Embedded Antimicrobial and Biocompatible Cotton/Silk Fabrics for Protective Clothing. <i>ACS Applied Bio Materials</i> , 2021, 4, 6175-6185.	4.6	39
8	Reinforcement of Gelatin-Based Nanofilled Polymer Biocomposite by Crystalline Cellulose from Cotton for Advanced Wound Dressing Applications. <i>Polymers</i> , 2017, 9, 222.	4.5	33
9	Analysis of the Proximate Composition and Energy Values of Two Varieties of Onion ( <i>Allium Cepa</i> L.) Bulbs of Different Origin: A Comparative Study. <i>International Journal of Nutrition and Food Sciences</i> , 2013, 2, 246.	0.4	31
10	Flow dynamics of droplets expelled during sneezing. <i>Physics of Fluids</i> , 2021, 33, 111901.	4.0	19
11	A study on the preparation and characterization of maghemite ( $\text{Fe}_2\text{O}_3$ ) particles from iron-containing waste materials. <i>Journal of Asian Ceramic Societies</i> , 2020, 8, 1083-1094.	2.3	18
12	Experimental Evidence for the Optimal Design of a High-Performing Cloth Mask. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 2791-2802.	5.2	18
13	ZnO nanoparticles preparation from spent zinc-carbon dry cell batteries: studies on structural, morphological and optical properties. <i>Journal of Asian Ceramic Societies</i> , 2018, 6, 262-270.	2.3	15
14	Characterization of Beta-Tricalcium Phosphate ( $\beta$ -TCP) Produced at Different Process Conditions. <i>Journal of Bioengineering &amp; Biomedical Science</i> , 2017, 07, .	0.2	9
15	Face masks and respirators: Towards sustainable materials and technologies to overcome the shortcomings and challenges. <i>Nano Select</i> , 2022, 3, 1355-1381.	3.7	9
16	Phytochemical and pharmacological evaluation of methanolic extract of <i>Lathyrus sativus</i> L. seeds. <i>Clinical Phytoscience</i> , 2018, 4, .	1.6	5
17	Effects of Fire Retardants on Jute Fiber Reinforced Polyvinyl Chloride/Polypropylene Hybrid Composites. <i>International Journal of Materials Science and Applications</i> , 2013, 2, 162.	0.1	2