

# Chaturanga D Bandara

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2724410/publications.pdf>

Version: 2024-02-01

10  
papers

560  
citations

1040018

9  
h-index

1474186

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g-index

13  
all docs

13  
docs citations

13  
times ranked

1078  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bactericidal Effects of Natural Nanotopography of Dragonfly Wing on <i>Escherichia coli</i> . ACS Applied Materials & Interfaces, 2017, 9, 6746-6760.	8.0	282
2	Morphological, antimicrobial, durability, and physical properties of untreated and treated textiles using silver-nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 436, 975-989.	4.7	100
3	Preparation of bone-implants by coating hydroxyapatite nanoparticles on self-formed titanium dioxide thin-layers on titanium metal surfaces. Materials Science and Engineering C, 2016, 63, 172-184.	7.3	43
4	The effect of ZnO nanoparticles on the mechanical, tribological and antibacterial properties of ultra-high molecular weight polyethylene. Journal of Reinforced Plastics and Composites, 2014, 33, 674-686.	3.1	40
5	Enhancement of the antibacterial activity of natural rubber latex foam by the incorporation of zinc oxide nanoparticles. Journal of Applied Polymer Science, 2014, 131, .	2.6	27
6	Resolving Bioâ€Nano Interactions of <i>E. coli</i> Bacteriaâ€Dragonfly Wing Interface with Helium Ion and 3D-Structured Illumination Microscopy to Understand Bacterial Death on Nanotopography. ACS Biomaterials Science and Engineering, 2020, 6, 3925-3932.	5.2	25
7	Effect of Precursor on Antifouling Efficacy of Vertically-Oriented Graphene Nanosheets. Nanomaterials, 2017, 7, 170.	4.1	18
8	Microbial Identification, High-Resolution Microscopy and Spectrometry of the Rhizosphere in Its Native Spatial Context. Frontiers in Plant Science, 2021, 12, 668929.	3.6	15
9	Novel Method of Incorporating Silver Nanoparticles into Natural Rubber Latex Foam. Polymer-Plastics Technology and Engineering, 2013, 52, 885-891.	1.9	9
10	Imaging and Ion-Beam Milling of Biological Specimens with the Helium-Ion Microscope. Microscopy and Microanalysis, 2021, 27, 768-769.	0.4	0