

# Muzamil Hussain

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5437727/publications.pdf>

Version: 2024-02-01

15  
papers

406  
citations

840776

11  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

514  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-High-Molecular-Weight-Polyethylene (UHMWPE) as a Promising Polymer Material for Biomedical Applications: A Concise Review. <i>Polymers</i> , 2020, 12, 323.	4.5	100
2	Applications of nanofluids in photovoltaic thermal systems: A review of recent advances. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 536, 122513.	2.6	99
3	Synthesis of graphene from solid carbon sources: A focused review. <i>Materials Chemistry and Physics</i> , 2020, 248, 122924.	4.0	38
4	Fabrication and characterization of silver thin films using physical vapor deposition, and the investigation of annealing effects on their structures. <i>Materials Research Express</i> , 2019, 6, 116437.	1.6	29
5	Recent Developments in Coatings for Orthopedic Metallic Implants. <i>Coatings</i> , 2021, 11, 791.	2.6	29
6	Numerical investigation of modal and fatigue performance of a horizontal axis tidal current turbine using fluid-structure interaction. <i>Journal of Ocean Engineering and Science</i> , 2019, 4, 328-337.	4.3	22
7	Experimental and computational studies on honeycomb sandwich structures under static and fatigue bending load. <i>Journal of King Saud University - Science</i> , 2019, 31, 222-229.	3.5	21
8	Investigating the performance of GFRP/wood-based honeycomb sandwich panels for sustainable prefab building construction. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	14
9	Performance analysis of biodegradable materials for orthopedic applications. <i>Materials Today Communications</i> , 2022, 31, 103167.	1.9	13
10	Influence of laser processing conditions for texturing on ultra-high-molecular-weight-polyethylene (UHMWPE) surface. <i>Case Studies in Thermal Engineering</i> , 2019, 14, 100491.	5.7	11
11	Bulge micro-textures influence on tribological performance of ultra-high-molecular-weight-polyethylene (UHMWPE) under phosphatidylcholine (Lipid) and bovine serum albumin (BSA) solutions. <i>Biomedical Physics and Engineering Express</i> , 2019, 5, 035021.	1.2	11
12	Experimental investigation of flow instabilities in a wide gap turbulent rotating Taylor-Couette flow. <i>Case Studies in Thermal Engineering</i> , 2019, 14, 100449.	5.7	10
13	Synthesis and Characterization of Nd-Substituted Lithium Nickel Nano Ferrites Using Co-Precipitation Method. <i>Nanoscience and Nanotechnology Letters</i> , 2018, 10, 1142-1146.	0.4	6
14	Evaluation of Quality during Construction Projects: A Case Study of Pakistan. <i>Mehran University Research Journal of Engineering and Technology</i> , 2019, 38, 69-82.	0.6	3
15	Experimental Investigation of Isobaric specific heat capacity (Cp) of 9-ethylcarbazole in liquid and solid state. <i>Revista Materia</i> , 2019, 24, .	0.2	0