

# Duc Nam Nguyen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8720818/publications.pdf>

Version: 2024-02-01

12  
papers

215  
citations

1684188

5  
h-index

1872680

6  
g-index

15  
all docs

15  
docs citations

15  
times ranked

129  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication and characterization of coir/carbon-fiber reinforced epoxy based hybrid composite for helmet shells and sports-good applications: influence of fiber surface modifications on the mechanical, thermal and morphological properties. Journal of Materials Research and Technology, 2020, 9, 15593-15603.	5.8	93
2	Machining parameter optimization in shear thickening polishing of gear surfaces. Journal of Materials Research and Technology, 2020, 9, 5112-5126.	5.8	71
3	Multi-objective optimization design for a sand crab-inspired compliant microgripper. Microsystem Technologies, 2019, 25, 3991-4009.	2.0	21
4	Simulation and experimental study on polishing of spherical steel by non-Newtonian fluids. International Journal of Advanced Manufacturing Technology, 2020, 107, 763-773.	3.0	19
5	Hybrid Approach of Finite Element Method, Kriging Metamodel, and Multiobjective Genetic Algorithm for Computational Optimization of a Flexure Elbow Joint for Upper-Limb Assistive Device. Complexity, 2019, 2019, 1-13.	1.6	10
6	Effect of Surface Roughness on Friction of CoCrMo-on-UHMWPE Bearing in Total Hip Arthroplasty Under Lubrication of Bovine Serum Albumin. IFMBE Proceedings, 2020, , 247-251.	0.3	1
7	Simulation Study on Polishing of Complex Surfaces by Non-Newtonian Fluids. , 2019, , .		0
8	Simulation and Optimization Study on Shear Thickening Polishing of Complex Surfaces. Lecture Notes in Mechanical Engineering, 2021, , 61-69.	0.4	0
9	EXPERIMENTAL INVESTIGATION AND OPTIMIZATION OF HIGH SPEED MACHINING OF TITANIUM ALLOY FOR BIOMEDICAL APPLICATION. Surface Review and Letters, 0, , 2141001.	1.1	0
10	A Study of Polishing Parameters to Surface Roughness of Magnetorheological Polishing Methods. IFMBE Proceedings, 2022, , 169-178.	0.3	0
11	Optimal Design Structure of Sleeper Bus to Enhance Injury Safety of Human in Frontal Collision. Lecture Notes in Mechanical Engineering, 2021, , 70-77.	0.4	0
12	Intelligent computation modeling and analysis of a gripper for advanced manufacturing application. International Journal on Interactive Design and Manufacturing, 0, , .	2.2	0