

# Jianguo Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

77  
citations

1478505

6  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

49  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cutting Performance of Microcrystalline, Nanocrystalline and Dual-Layer Composite Diamond Coated Tools in Drilling Carbon Fiber Reinforced Plastics. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1642.	2.5	15
2	SIMULATION AND EXPERIMENTAL STUDIES ON SUBSTRATE TEMPERATURE AND GAS DENSITY FIELD IN HFCVD DIAMOND FILMS GROWTH ON WC-Co DRILL TOOLS. <i>Surface Review and Letters</i> , 2013, 20, 1350020.	1.1	11
3	Unraveling Pressure Effects in Laminar Flame Propagation of Ammonia: A Comparative Study with Hydrogen, Methane, and Ammonia/Hydrogen. <i>Energy &amp; Fuels</i> , 2022, 36, 8528-8537.	5.1	11
4	Data-driven process planning for shipbuilding. <i>Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM</i> , 2018, 32, 122-130.	1.1	10
5	SIMULATION OPTIMIZATION OF THE HEAT TRANSFER CONDITIONS IN HFCVD DIAMOND FILM GROWTH INSIDE HOLES. <i>Surface Review and Letters</i> , 2013, 20, 1350031.	1.1	7
6	Ni-coated graphene nanoplatelets and their application as reinforcements for WC-Co cemented carbides. <i>Materials Research Express</i> , 2020, 7, 086505.	1.6	7
7	Simulation of temperature distribution in hot filament chemical vapor deposition diamond films growth on SiC seals. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2016, 21, 541-547.	0.9	5
8	Deposition and Characterization of Si-Doped Diamond Films Using Tetraethoxysilane onto a WC-Co Substrate. <i>Coatings</i> , 2016, 6, 39.	2.6	4
9	Fabrication of AlCrN coatings on WC-Co substrates with diamond films interlayer. <i>Vacuum</i> , 2020, 182, 109715.	3.5	4
10	EFFECT OF SILICON DOPING IN CVD DIAMOND FILMS FROM MICROCRYSTALLINE TO NANOCRYSTALLINE ON WC-Co SUBSTRATES. <i>Surface Review and Letters</i> , 2013, 20, 1350055.	1.1	3