

Tongchun Kuang

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

618
citations

1163117
8
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

597
citing authors

#	ARTICLE	IF	CITATIONS
1	Hard and tough nitrogen doped tungsten coatings deposited by HIPAC: Microstructure and mechanical properties. <i>Journal of Alloys and Compounds</i> , 2021, 876, 160146.	5.5	2
2	Microstructures and properties of novel nanocomposite W _{Nx} coatings deposited by reactive magnetron sputtering. <i>Applied Surface Science</i> , 2020, 512, 145508.	6.1	14
3	Physical vapor deposition technology for coated cutting tools: A review. <i>Ceramics International</i> , 2020, 46, 18373-18390.	4.8	131
4	Selective laser melting of high-performance pure tungsten: parameter design, densification behavior and mechanical properties. <i>Science and Technology of Advanced Materials</i> , 2018, 19, 370-380.	6.1	123
5	Novel performances of in situ plasma nitriding-PVD duplex-treated nanocrystalline TiN coatings. <i>Surface Engineering</i> , 2018, 34, 520-526.	2.2	20
6	Microstructural characterization and properties of selective laser melted maraging steel with different build directions. <i>Science and Technology of Advanced Materials</i> , 2018, 19, 746-758.	6.1	167
7	Effects of tailored nitriding layers on comprehensive properties of duplex plasma-treated AlTiN coatings. <i>Ceramics International</i> , 2017, 43, 8721-8729.	4.8	30
8	Laser cladding Al-based amorphous-nanocrystalline composite coatings on AZ80 magnesium alloy under water cooling condition. <i>Journal of Alloys and Compounds</i> , 2017, 690, 108-115.	5.5	94
9	Fabrication and characterization of in-situ duplex plasma-treated nanocrystalline Ti/AlTiN coatings. <i>Ceramics International</i> , 2016, 42, 10793-10800.	4.8	37