

# Teng Fei Zhang

## List of Publications by Year in descending order

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18  
papers

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759233

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#	ARTICLE	IF	CITATIONS
1	Thermostability, oxidation, and high-temperature tribological properties of nano-multilayered AlCrSiN/VN coatings. <i>Ceramics International</i> , 2022, 48, 11915-11923.	4.8	7
2	Synthesis and electrochemical properties of nanoporous CrN thin film electrodes for supercapacitor applications. <i>Materials and Design</i> , 2021, 209, 109949.	7.0	11
3	Effect of Cu doping on the microstructure and mechanical properties of AlTiVN-Cu nanocomposite coatings. <i>Surface and Coatings Technology</i> , 2020, 402, 126490.	4.8	14
4	Facile syntheses and electrochemical properties of Ni(OH) <sub>2</sub> nanosheets/porous Ni foam for supercapacitor application. <i>Materials Letters</i> , 2019, 256, 126656.	2.6	19
5	Microstructures and properties of amorphous, polycrystalline, and M+1AX <sub>2</sub> -phase Ti-Al-N films synthesized from an M+1AX <sub>2</sub> -phase Ti <sub>2</sub> AlN compound target. <i>Ceramics International</i> , 2019, 45, 3940-3947.	4.8	7
6	Influence of Si addition on structure and properties of TiB <sub>2</sub> -Si nanocomposite coatings deposited by high-power impulse magnetron sputtering. <i>Ceramics International</i> , 2019, 45, 6363-6372.	4.8	13
7	Influence of lubricious oxides formation on the tribological behavior of Mo-V-Cu-N coatings deposited by HIPIMS. <i>Surface and Coatings Technology</i> , 2019, 358, 947-957.	4.8	21
8	Highly porous carbon nanofoams synthesized from gas-phase plasma for symmetric supercapacitors. <i>Chemical Engineering Journal</i> , 2019, 360, 1310-1319.	12.7	33
9	Influence of bias voltage on the microstructure, mechanical and corrosion properties of AlSiN films deposited by HiPIMS technique. <i>Journal of Alloys and Compounds</i> , 2019, 772, 112-121.	5.5	31
10	Microstructure and mechanical properties of the Cr-Mo-Si-N nanocomposite coatings prepared by a hybrid system of AIP and HiPIMS technologies. <i>Journal of Alloys and Compounds</i> , 2018, 740, 774-783.	5.5	15
11	Effect of Cu addition on the microstructure and properties of TiB <sub>2</sub> films deposited by a hybrid system combining high power impulse magnetron sputtering and pulsed dc magnetron sputtering. <i>Surface and Coatings Technology</i> , 2018, 344, 441-448.	4.8	13
12	Microstructure and high-temperature tribological properties of Si-doped hydrogenated diamond-like carbon films. <i>Applied Surface Science</i> , 2018, 435, 963-973.	6.1	92
13	Effects of microstructure evolution on the oxidation behavior and high-temperature tribological properties of AlCrN/TiAlSiN multilayer coatings. <i>Ceramics International</i> , 2018, 44, 23150-23161.	4.8	37
14	Influence of Cu Content on the Microstructure and Mechanical Properties of Cr-Cu-N Coatings. <i>Scanning</i> , 2018, 2018, 1-11.	1.5	6
15	Friction and Wear Behavior of AlTiN-Coated Carbide Balls Against SKD11 Hardened Steel at Elevated Temperatures. <i>Acta Metallurgica Sinica (English Letters)</i> , 2018, 31, 1073-1083.	2.9	8
16	Oxidation and Corrosion Behavior of Nanolaminated MAX-Phase Ti <sub>2</sub> AlC Film Synthesized by High-Power Impulse Magnetron Sputtering and Annealing. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-12.	2.7	10
17	Influence of negative bias voltage and deposition temperature on microstructure and properties of superhard TiB <sub>2</sub> coatings deposited by high power impulse magnetron sputtering. <i>Surface and Coatings Technology</i> , 2014, 253, 115-122.	4.8	58
18	Nanocrystalline thin films synthesized from a Ti <sub>2</sub> AlN compound target by high power impulse magnetron sputtering technique. <i>Surface and Coatings Technology</i> , 2012, 212, 199-206.	4.8	29