

# Linhai Tian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2119530/publications.pdf>

Version: 2024-02-01

17  
papers

329  
citations

1040056

9  
h-index

940533

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

423  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient ultraviolet photodetectors based on TiO <sub>2</sub> nanotube arrays with tailored structures. RSC Advances, 2015, 5, 52388-52394.	3.6	59
2	Effect of laser surface texturing (LST) on tribological behavior of double glow plasma surface zirconizing coating on Ti6Al4V alloy. Surface and Coatings Technology, 2019, 368, 97-109.	4.8	56
3	In-situ fabrication of gradient titanium oxide ceramic coating on laser surface textured Ti6Al4V alloy with improved mechanical property and wear performance. Vacuum, 2020, 176, 109327.	3.5	55
4	Highly efficient and well-resolved Mn <sup>2+</sup> ion emission in MnS/ZnS/CdS quantum dots. Journal of Materials Chemistry C, 2013, 1, 2540.	5.5	50
5	Microstructure and mechanical properties of CrAlN coatings deposited by modified ion beam enhanced magnetron sputtering on AISI H13 steel. Journal of Materials Science, 2009, 44, 300-305.	3.7	19
6	Magnetocaloric effect in high Gd content Gd-Fe-Al based amorphous/nanocrystalline systems with enhanced Curie temperature and refrigeration capacity. AIP Advances, 2016, 6, 035220.	1.3	17
7	Fatigue behavior of surface modified Ti-6Al-4V alloy by double glow discharge plasma alloying. Surface and Coatings Technology, 2007, 201, 5282-5285.	4.8	14
8	Corrosion resistance of Molybdenum Nitride modified Ti6Al4V alloy in HCl solution. Journal Wuhan University of Technology, Materials Science Edition, 2008, 23, 358-361.	1.0	14
9	Combating the Tribo-Corrosion of LDX2404 Lean Duplex Stainless Steel by Low Temperature Plasma Nitriding. Lubricants, 2018, 6, 93.	2.9	10
10	Impact fatigue behavior of ZrN/Zr-N/Zr coatings on H13 steel by CFUBMSIP. Journal Wuhan University of Technology, Materials Science Edition, 2014, 29, 137-142.	1.0	9
11	Synthesis and in-vitro antibacterial properties of a functionally graded Ag impregnated composite surface. Materials Science and Engineering C, 2019, 99, 150-158.	7.3	7
12	Preparation and characterization of plasma Cu surface modified stainless steel. Journal Wuhan University of Technology, Materials Science Edition, 2012, 27, 260-264.	1.0	6
13	Tailoring Tribological Performance of Pure Titanium by a Duplex Treatment of Laser Surface Texturing-Thermal Oxidation. Journal of Materials Engineering and Performance, 2020, 29, 4047-4062.	2.5	5
14	Preparation of Sn <sup>4+</sup> -Doped Titanium Dioxide Photocatalytic Films on 304 Stainless Steel by Duplex Treatment. Journal of Materials Engineering and Performance, 2014, 23, 1790-1798.	2.5	4
15	Structure and corrosion behaviours of Mo modified titanium in saliva. Journal Wuhan University of Technology, Materials Science Edition, 2010, 25, 570-573.	1.0	3
16	Fracture behavior of CrN coatings under indentation and dynamic cycle impact. Journal Wuhan University of Technology, Materials Science Edition, 2012, 27, 411-414.	1.0	1
17	Novel wear-resistant anti-bacterial stainless steel surfaces. Surface Engineering, 2018, 34, 577-587.	2.2	0