

# Liu Yingchao

## List of Publications by Year in descending order

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11  
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#	ARTICLE	IF	CITATIONS
1	The role of process parameters in plasma surface chromising of Ti2AlNb-based alloys. Applied Surface Science, 2009, 256, 1333-1340.	6.1	27
2	Surface modification of pure titanium by plasma tantalumising. Surface Engineering, 2013, 29, 228-233.	2.2	24
3	Double glow plasma chromizing of Ti6Al4V alloys: Impact of working time, substrate-target distance, argon pressure and surface temperature of substrate. Vacuum, 2015, 121, 81-87.	3.5	20
4	Corrosion behavior of tantalum alloying on $\beta$ -TiAl by double-glow plasma surface metallurgy technique. Surface and Interface Analysis, 2017, 49, 674-681.	1.8	9
5	Galvanic corrosion behaviour of hot-dipped zinc-aluminum alloy coated titanium-aluminum couples. Materials and Corrosion - Werkstoffe Und Korrosion, 2014, 65, 913-918.	1.5	6
6	Tribological behaviour of double-glow plasma zirconium-yttrium alloying on $\beta$ -TiAl. Surface Engineering, 2017, 33, 911-918.	2.2	6
7	Effect of plasma surface tungstenising on the friction and wear of Ti2AlNb-based alloys. Transactions of the Institute of Metal Finishing, 2018, 96, 27-33.	1.3	5
8	A modern-day alchemy: Double glow plasma surface metallurgy technology. AIP Advances, 2022, 12, .	1.3	5
9	High-Temperature Oxidation of Double-Glow Plasma Tantalum Alloying on $\beta$ -TiAl. Oxidation of Metals, 2019, 92, 337-351.	2.1	4
10	Microstructural characterization and tribological behavior of surface plasma Zr-Er alloying on TC11 alloy. Materials Research Express, 2018, 5, 026519.	1.6	2
11	A New Plasma Surface Alloying to Improve the Wear Resistance of the Metallic Card Clothing. Applied Sciences (Switzerland), 2019, 9, 1849.	2.5	2