

# Peng-Tao Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/186067/publications.pdf>

Version: 2024-02-01

9  
papers

75  
citations

1684188  
5  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

29  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Contact Stress on Surface Microstructure and Wear Property of D2/U71Mn Wheel-Rail Material. <i>Materials</i> , 2019, 12, 3268.	2.9	16
2	Effect of pre-wear on the rolling contact fatigue property of D2 wheel steel. <i>Wear</i> , 2020, 442-443, 203154.	3.1	15
3	Effect of Surface Ultrasonic Rolling on Evolution of Surface Microstructure of EA4T Axle Steel. <i>Journal of Materials Engineering and Performance</i> , 2021, 30, 1270-1279.	2.5	15
4	Influence of slip ratio on worn-surface microstructure and fatigue wear behavior of D2 wheel steel. <i>Journal of Iron and Steel Research International</i> , 2018, 25, 1278-1286.	2.8	12
5	Effect of Surface Ultrasonic Rolling Treatment on Rolling Contact Fatigue Life of D2 Wheel Steel. <i>Materials</i> , 2020, 13, 5438.	2.9	6
6	Influence of Surface Ultrasonic Rolling on Microstructure and Corrosion Property of T4003 Ferritic Stainless Steel Welded Joint. <i>Metals</i> , 2020, 10, 1081.	2.3	5
7	Effect of original microstructure on wear property of ER9 wheel steel. <i>Ironmaking and Steelmaking</i> , 2021, 48, 133-141.	2.1	3
8	An electron backscatter diffraction investigation on microstructural evolution of pearlite wheel steel near rolling contact fatigue crack tip. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2021, 44, 2244-2256.	3.4	2
9	Experimental Investigation on Effect Different Machining Processes on Rolling Contact Fatigue Life of D2 Wheel Steel. <i>Tribology Transactions</i> , 2020, 63, 986-995.	2.0	1