

Julie Marteau

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4287781/publications.pdf>

Version: 2024-02-01

14
papers

386
citations

1307594

7
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

537
citing authors

#	ARTICLE	IF	CITATIONS
1	Curvotaxis directs cell migration through cell-scale curvature landscapes. Nature Communications, 2018, 9, 3995.	12.8	190
2	Effect of surface roughness in the determination of the mechanical properties of material using nanoindentation test. Scanning, 2014, 36, 134-149.	1.5	50
3	Investigation of Strain Heterogeneities Between Grains in Ferritic and Ferritic-Martensitic Steels. Experimental Mechanics, 2013, 53, 427-439.	2.0	42
4	Interfacial characteristics and cohesion mechanisms of linear friction welded dissimilar titanium alloys: Ti-5Al-2Sn-2Zr-4Mo-4Cr (Ti17) and Ti-6Al-2Sn-4Zr-2Mo (Ti6242). Materials Characterization, 2019, 158, 109942.	4.4	25
5	Zero-Point Correction Method for Nanoindentation Tests to Accurately Quantify Hardness and Indentation Size Effect. Strain, 2012, 48, 491-497.	2.4	20
6	Topographical curvature is sufficient to control epithelium elongation. Scientific Reports, 2020, 10, 14784.	3.3	20
7	Review on Numerical Modeling of Instrumented Indentation Tests for Elastoplastic Material Behavior Identification. Archives of Computational Methods in Engineering, 2015, 22, 577-593.	10.2	15
8	Determination of an Objective Criterion for the Assessment of the Feasibility of an Instrumented Indentation Test on Rough Surfaces. Materials, 2020, 13, 1589.	2.9	6
9	An attempt to generate mechanical white etching layer on rail surface on a new rolling contact test bench. Wear, 2021, 482-483, 203945.	3.1	6
10	Reflection on the measurement and use of the topography of the indentation imprint. Scanning, 2014, 36, 115-126.	1.5	4
11	Quantification of the Morphological Signature of Roping Based on Multiscale Analysis and Autocorrelation Function Description. Materials, 2020, 13, 3040.	2.9	3
12	The use of multiscale transfer functions for understanding the impact of successive mechanical treatments on surface topography. Tribology International, 2017, 114, 429-435.	5.9	2
13	Characterization of the Microstructure Changes Induced by a Rolling Contact Bench Reproducing Wheel/Rail Contact on a Pearlitic Steel. Metals, 2022, 12, 745.	2.3	2
14	Topography characterization of sinusoidal surfaces obtained with electrochemical machining. Surface Topography: Metrology and Properties, 2021, 9, 025002.	1.6	1