

Terry C Lowe

List of Publications by Year in descending order

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18
papers

1,524
citations

1040056

9
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

1331
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Method to Quantify the Antiviral Potential of Porous and Nonporous Material Using the Enveloped Bacteriophage Phi6. <i>Environmental Science & Technology</i> , 2022, 56, 8350-8362.	10.0	1
2	Commercialization of bulk nanostructured metals and alloys. <i>MRS Bulletin</i> , 2021, 46, 265-272.	3.5	20
3	High-speed Continuous Equal Channel Angular Pressing of 316 LVM stainless steel. <i>Materials Letters</i> , 2021, 304, 130631.	2.6	2
4	Effect of surface grain boundary density on preosteoblast proliferation on titanium. <i>Materials Research Letters</i> , 2020, 8, 239-246.	8.7	12
5	Isothermal Continuous Equal Channel Angular Pressing of Magnesium Alloy AZ31. <i>Jom</i> , 2020, 72, 2603-2611.	1.9	11
6	Bio-activating ultrafine grain titanium: RNA sequencing reveals enhanced mechano-activation of osteoconduction on nanostructured substrates. <i>PLoS ONE</i> , 2020, 15, e0237463.	2.5	4
7	Increasing the Strength and Electrical Conductivity of AA6101 Aluminum by Nanostructuring. <i>Minerals, Metals and Materials Series</i> , 2019, , 1507-1513.	0.4	5
8	Scientific and Technological Foundations for Scaling Production of Nanostructured Metals. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 194, 012005.	0.6	4
9	Advances in metals and alloys for joint replacement. <i>Progress in Materials Science</i> , 2017, 88, 232-280.	32.8	227
10	Bending Fatigue Testing of Commercial Purity Titanium for Dental Implants. <i>Advanced Engineering Materials</i> , 2016, 18, 1166-1173.	3.5	8
11	Synthesis of an Al/Al ₂ O ₃ composite by severe plastic deformation. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015, 646, 234-241.	5.6	39
12	Understanding the biological responses of nanostructured metals and surfaces. <i>IOP Conference Series: Materials Science and Engineering</i> , 2014, 63, 012172.	0.6	5
13	Development of repetitive corrugation and straightening. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004, 371, 35-39.	5.6	141
14	Continuous processing of ultrafine grained Al by ECAP-Conform. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004, 382, 30-34.	5.6	376
15	Microstructure and properties of pure Ti processed by ECAP and cold extrusion. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2001, 303, 82-89.	5.6	277
16	Microstructural evolution, microhardness and thermal stability of HPT-processed Cu. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2000, 290, 128-138.	5.6	309
17	The strength and toughness of cement reinforced with bone-shaped steel wires. <i>Composites Science and Technology</i> , 2000, 60, 1753-1761.	7.8	33
18	Long-Length Ultrafine-Grained Titanium Rods Produced by ECAP-Conform. <i>Materials Science Forum</i> , 0, 584-586, 80-85.	0.3	50