

Thomas Waitz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7065575/publications.pdf>

Version: 2024-02-01

7
papers

319
citations

1478280

6
h-index

1719901

7
g-index

9
all docs

9
docs citations

9
times ranked

448
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal stability and phase transformations of martensitic Ti–Nb alloys. <i>Science and Technology of Advanced Materials</i> , 2013, 14, 055004.	2.8	107
2	Mechanical properties, structural and texture evolution of biocompatible Ti–45Nb alloy processed by severe plastic deformation. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 62, 93-105.	1.5	66
3	Bulk Nanostructured Functional Materials By Severe Plastic Deformation. <i>Advanced Engineering Materials</i> , 2010, 12, 692-700.	1.6	64
4	Covalent Diamond–Graphite Bonding: Mechanism of Catalytic Transformation. <i>ACS Nano</i> , 2019, 13, 4621-4630.	7.3	38
5	Catalytic graphitization of single-crystal diamond. <i>Carbon</i> , 2021, 185, 300-313.	5.4	24
6	An Energy Approach to Determine the Martensite Morphology in Nanocrystalline NiTi. <i>Advanced Engineering Materials</i> , 2017, 19, 1600684.	1.6	9
7	Ni-mediated reactions in nanocrystalline diamond on Si substrates: the role of the oxide barrier. <i>RSC Advances</i> , 2020, 10, 8224-8232.	1.7	6