

Peng Qin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8405456/publications.pdf>

Version: 2024-02-01

17
papers

1,268
citations

567281

15
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

1007
citing authors

#	ARTICLE	IF	CITATIONS
1	Corrosion Behaviour of Selective Laser Melted Ti-TiB Biocomposite in Simulated Body Fluid. <i>Electrochimica Acta</i> , 2017, 232, 89-97.	5.2	166
2	Disordered Atomic Packing Structure of Metallic Glass: Toward Ultrafast Hydroxyl Radicals Production Rate and Strong Electron Transfer Ability in Catalytic Performance. <i>Advanced Functional Materials</i> , 2017, 27, 1702258.	14.9	160
3	Selective laser melting of Ti-35Nb composite from elemental powder mixture: Microstructure, mechanical behavior and corrosion behavior. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 760, 214-224.	5.6	131
4	Improved corrosion behavior of ultrafine-grained eutectic Al-12Si alloy produced by selective laser melting. <i>Materials and Design</i> , 2018, 146, 239-248.	7.0	101
5	Corrosion behavior and characteristics of passive films of laser powder bed fusion produced Ti-6Al-4V in dynamic Hank's solution. <i>Materials and Design</i> , 2021, 208, 109907.	7.0	90
6	Improved Corrosion Resistance on Selective Laser Melting Produced Ti-5Cu Alloy after Heat Treatment. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 2633-2642.	5.2	85
7	Distinction of corrosion resistance of selective laser melted Al-12Si alloy on different planes. <i>Journal of Alloys and Compounds</i> , 2018, 747, 648-658.	5.5	80
8	Resemblance in Corrosion Behavior of Selective Laser Melted and Traditional Monolithic Ti-24Nb-4Zr-8Sn Alloy. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 1141-1149.	5.2	75
9	Metastable pitting corrosion behavior of laser powder bed fusion produced Ti-6Al-4V in Hank's solution. <i>Corrosion Science</i> , 2022, 203, 110333.	6.6	75
10	Strengthening mechanism and corrosion resistance of beta-type Ti-Nb-Zr-Mn alloys. <i>Materials Science and Engineering C</i> , 2020, 110, 110728.	7.3	64
11	Corrosion and passivation behavior of laser powder bed fusion produced Ti-6Al-4V in static/dynamic NaCl solutions with different concentrations. <i>Corrosion Science</i> , 2021, 191, 109728.	6.6	64
12	Corrosion behavior and mechanism of selective laser melted Ti-35Nb alloy produced using pre-alloyed and mixed powder in Hank's solution. <i>Corrosion Science</i> , 2021, 189, 109609.	6.6	60
13	Fe _{73.5} Si _{13.5} B ₉ Cu ₁ Nb ₃ metallic glass: Rapid activation of peroxymonosulfate towards ultrafast Eosin Y degradation. <i>Materials and Design</i> , 2018, 140, 73-84.	7.0	43
14	K-doped Na ₃ Fe ₂ (PO ₄) ₃ cathode materials with high-stable structure for sodium-ion stored energy battery. <i>Journal of Alloys and Compounds</i> , 2019, 784, 939-946.	5.5	37
15	Role of Boron in Enhancing Electron Delocalization to Improve Catalytic Activity of Fe-Based Metallic Glasses for Persulfate-Based Advanced Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 44789-44797.	8.0	25
16	The interaction between encapsulated Gd ₂ O ₃ particles and polymeric matrix: The mechanism of fracture and X-ray attenuation properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 535, 175-183.	4.7	11
17	Corrosion Behaviors of Additive Manufactured Titanium Alloys. , 2019, , 197-226.		1