

Yusheng Li

List of Publications by Year in descending order

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32
papers

1,311
citations

471509

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414414

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33
docs citations

33
times ranked

1132
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of nano-grains dominated by twin-twin intersection for a RASP-processed 316L stainless steel. <i>Journal of Materials Research and Technology</i> , 2022, 18, 3150-3157.	5.8	5
2	Effects of geometric dimension and grain size on impact properties of 316L stainless steel. <i>Materials Letters</i> , 2021, 284, 128908.	2.6	13
3	Enhanced pitting resistance through designing a high-strength 316L stainless steel with heterostructure. <i>Journal of Materials Research and Technology</i> , 2021, 10, 132-137.	5.8	10
4	Enhanced mechanical properties of ultrafine-lamella 304L stainless steel processed by multidirectional hot forging. <i>Vacuum</i> , 2021, 187, 110116.	3.5	8
5	A novel fracture behavior of the 304L stainless steel with heterogeneous lamella structure. <i>Vacuum</i> , 2021, 188, 110187.	3.5	5
6	Effect of structural orientation on the impact properties of a soft/hard copper/brass laminate. <i>Vacuum</i> , 2021, 191, 110388.	3.5	4
7	Dense dispersed shear bands in gradient-structured Ni. <i>International Journal of Plasticity</i> , 2020, 124, 186-198.	8.8	77
8	Hardening after annealing in nanostructured 316L stainless steel. <i>Nano Materials Science</i> , 2020, 2, 80-82.	8.8	27
9	Layer-by-layer corrosion behavior of 316LN stainless steel with a gradient-nanostructured surface. <i>Electrochemistry Communications</i> , 2020, 110, 106642.	4.7	11
10	Deformation mechanisms and enhanced mechanical properties of 304L stainless steel at liquid nitrogen temperature. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 798, 140133.	5.6	13
11	Effects of grain size on tensile property and fracture morphology of 316L stainless steel. <i>Materials Letters</i> , 2019, 254, 116-119.	2.6	116
12	Enhanced Corrosion Resistance of SA106B Low-Carbon Steel Fabricated by Rotationally Accelerated Shot Peening. <i>Metals</i> , 2019, 9, 872.	2.3	5
13	Enhanced tensile properties of 316L steel via grain refinement and low-strain rolling. <i>Materials Science and Technology</i> , 2019, 35, 1497-1503.	1.6	9
14	Grain size effect on deformation twin thickness in a nanocrystalline metal with low stacking-fault energy. <i>Journal of Materials Research</i> , 2019, 34, 2398-2405.	2.6	11
15	Soft/hard copper/bronze laminates with superior mechanical properties. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 756, 213-218.	5.6	37
16	Improved corrosion resistance of 316LN stainless steel performed by rotationally accelerated shot peening. <i>Applied Surface Science</i> , 2019, 481, 1305-1312.	6.1	36
17	Enhanced irradiation and corrosion resistance of 316LN stainless steel with high densities of dislocations and twins. <i>Journal of Nuclear Materials</i> , 2019, 517, 234-240.	2.7	12
18	Synergetic deformation-induced extraordinary softening and hardening in gradient copper. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 752, 217-222.	5.6	41

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19	Novel techniques for processing metallic materials with controllable soft/hard laminates. <i>Materials Letters</i> , 2019, 246, 92-94.	2.6	1
20	Impact property of high-strength 316L stainless steel with heterostructures. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 754, 457-460.	5.6	28
21	Effect of Rolling Strain on the Mechanical and Tribological Properties of 316L Stainless Steel. <i>Journal of Tribology</i> , 2019, 141, .	1.9	14
22	Deformation mechanisms of 304L stainless steel with heterogeneous lamella structure. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 742, 409-413.	5.6	49
23	Enhanced tensile properties of 316L stainless steel processed by a novel ultrasonic resonance plastic deformation technique. <i>Materials Letters</i> , 2019, 236, 342-345.	2.6	14
24	Superior strength and ductility of 316L stainless steel with heterogeneous lamella structure. <i>Journal of Materials Science</i> , 2018, 53, 10442-10456.	3.7	175
25	Thermal stability and tensile property of 316L stainless steel with heterogeneous lamella structure. <i>Vacuum</i> , 2018, 152, 261-264.	3.5	32
26	Achieving High Thermoelectric Figure of Merit in Polycrystalline SnSe via Introducing Sn Vacancies. <i>Journal of the American Chemical Society</i> , 2018, 140, 499-505.	13.7	180
27	Tribological Behavior of the 316L Stainless Steel with Heterogeneous Lamella Structure. <i>Materials</i> , 2018, 11, 1839.	2.9	33
28	Microstructures and Mechanical Properties of Commercially Pure Ti Processed by Rotationally Accelerated Shot Peening. <i>Materials</i> , 2018, 11, 366.	2.9	17
29	Design for strength-ductility synergy of 316L stainless steel with heterogeneous lamella structure through medium cold rolling and annealing. <i>Vacuum</i> , 2018, 157, 128-135.	3.5	60
30	Rock-salt-type nanoprecipitates lead to high thermoelectric performance in undoped polycrystalline SnSe. <i>RSC Advances</i> , 2017, 7, 8258-8263.	3.6	40
31	Microstructural evolution and mechanical properties of a 5052 Al alloy with gradient structures. <i>Journal of Materials Research</i> , 2017, 32, 4443-4451.	2.6	27
32	Realizing High Figure of Merit in Phase-Separated Polycrystalline Sn _{1-x} Pb _x Se. <i>Journal of the American Chemical Society</i> , 2016, 138, 13647-13654.	13.7	201