

Cheng-Lin Li

List of Publications by Year in descending order

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53
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1,182
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331670

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docs citations

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times ranked

1263
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Microstructure and mechanical properties of a new high-strength and high-toughness titanium alloy. <i>Rare Metals</i> , 2023, 42, 281-287. | 7.1 | 7 |
| 2 | Tailoring bimodal structure for high strength and ductility in pure titanium manufactured via laser powder bed fusion. <i>Journal of Alloys and Compounds</i> , 2022, 901, 163590. | 5.5 | 9 |
| 3 | Research progress on hot deformation behavior of high-strength β^2 titanium alloy: flow behavior and constitutive model. <i>Rare Metals</i> , 2022, 41, 1434-1455. | 7.1 | 15 |
| 4 | Multistep low-to-high-temperature heating as a suitable alternative to hot isostatic pressing for improving laser powder-bed fusion-fabricated Ti-6Al-2Zr-1Mo-1V microstructural and mechanical properties. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 841, 143022. | 5.6 | 6 |
| 5 | Realizing superior ductility of selective laser melted Ti-6Al-4V through a multi-step heat treatment. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 799, 140367. | 5.6 | 39 |
| 6 | Bimodal grain structures and tensile properties of a biomedical Co-20Cr-15W-10Ni alloy with different pre-strains. <i>Rare Metals</i> , 2021, 40, 20-30. | 7.1 | 12 |
| 7 | Thermal stability of bimodal grain structure in a cobalt-based superalloy subjected to high-temperature exposure. <i>Rare Metals</i> , 2021, 40, 877-884. | 7.1 | 3 |
| 8 | GNPs/Al nanocomposites with high strength and ductility and electrical conductivity fabricated by accumulative roll-compositing. <i>Rare Metals</i> , 2021, 40, 2593-2601. | 7.1 | 7 |
| 9 | Formation of equiaxed grains in selective laser melted pure titanium during annealing. <i>Journal of Materials Research and Technology</i> , 2021, 11, 301-311. | 5.8 | 20 |
| 10 | Effects of post heat treatment on the microstructure evolution of Inconel 718 manufactured by selective laser melting. <i>Materials Research Express</i> , 2021, 8, 095801. | 1.6 | 2 |
| 11 | Study on microstructure and mechanical property of a biomedical Co-20Cr-15W-10Ni alloy during multi-pass thermomechanical processing. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 785, 139388. | 5.6 | 7 |
| 12 | A study on microstructural evolution and detwinning behavior of Ti-3Al-2.5V cold-rolled tube during annealing. <i>Materials Research Express</i> , 2020, 7, 096520. | 1.6 | 9 |
| 13 | Deformation heterogeneity and its effect on recrystallization behavior in commercially pure titanium: Comparative study on initial microstructures. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 764, 138211. | 5.6 | 19 |
| 14 | Simultaneous achievement of equiaxed grain structure and weak texture in pure titanium via selective laser melting and subsequent heat treatment. <i>Journal of Alloys and Compounds</i> , 2019, 803, 407-412. | 5.5 | 33 |
| 15 | Microstructural response of β^2 -stabilized Ti-6Al-4V manufactured by direct energy deposition. <i>Journal of Alloys and Compounds</i> , 2019, 811, 152021. | 5.5 | 47 |
| 16 | Characterization of Hot Deformation Behavior and Processing Maps of Ti-19Al-22Mo Alloy. <i>Metals and Materials International</i> , 2019, 25, 1063-1071. | 3.4 | 23 |
| 17 | High strength and ductility of electron beam melted β^2 stabilized β^3 -TiAl alloy at 800°C. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 756, 41-45. | 5.6 | 30 |
| 18 | Bimodal grain-structure formation in a Co-Cr-based superalloy during ultrahigh-homologous-temperature annealing without severe plastic deformation. <i>Journal of Alloys and Compounds</i> , 2019, 783, 173-178. | 5.5 | 19 |

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|----|---|------|-----------|
| 19 | Modeling hot deformation behavior of low-cost Ti-2Al-9.2Mo-2Fe beta titanium alloy using a deep neural network. <i>Journal of Materials Science and Technology</i> , 2019, 35, 907-916. | 10.7 | 46 |
| 20 | Upregulation of phosphatase and tensin homolog is essential for the effect of 4-aminopyridine on A549/CDDP cells. <i>Molecular Medicine Reports</i> , 2018, 17, 5996-6001. | 2.4 | 5 |
| 21 | Alignment-Free Liquid-Capsule Pressure Sensor for Cardiovascular Monitoring. <i>Advanced Functional Materials</i> , 2018, 28, 1805045. | 14.9 | 52 |
| 22 | High strength and high ductility in the Co-20Cr-15W-10Ni alloy having a bimodal grain structure achieved by static recrystallization. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 732, 70-77. | 5.6 | 21 |
| 23 | Quantitative analysis of {332}~113% twinning in a Ti-15Mo alloy by <i>in situ</i> scanning electron microscopy. <i>Science and Technology of Advanced Materials</i> , 2018, 19, 474-483. | 6.1 | 7 |
| 24 | {332}<113> detwinning in a multilayered bcc-Ti-10Mo-Fe alloy. <i>Journal of Materials Science</i> , 2017, 52, 7858-7867. | 3.7 | 9 |
| 25 | Preparation and characterization of small-diameter decellularized scaffolds for vascular tissue engineering in an animal model. <i>BioMedical Engineering OnLine</i> , 2017, 16, 55. | 2.7 | 33 |
| 26 | Nile Red Loaded PLGA Nanoparticles Surface Modified with Gd-DTPA for Potential Dual-Modal Imaging. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 5569-5576. | 0.9 | 12 |
| 27 | MicroRNAs Involved in Asthma After Mesenchymal Stem Cells Treatment. <i>Stem Cells and Development</i> , 2016, 25, 883-896. | 2.1 | 20 |
| 28 | Study of {332}<113> twinning in a multilayered Ti-10Mo-xFe (x = 1~3) alloy by ECCI and EBSD. <i>Science and Technology of Advanced Materials</i> , 2016, 17, 220-228. | 6.1 | 25 |
| 29 | Effect of Al Addition on % Precipitation and Age Hardening of Ti-Al-Mo-Fe Alloys. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2016, 47, 2454-2461. | 2.2 | 9 |
| 30 | Involvement of RECK in gambogic acid induced anti-invasive effect in A549 human lung carcinoma cells. <i>Molecular Carcinogenesis</i> , 2015, 54, E13-25. | 2.7 | 37 |
| 31 | Arsenic Trioxide Induces T Cell Apoptosis and Prolongs Islet Allograft Survival in Mice. <i>Transplantation</i> , 2015, 99, 1796-1806. | 1.0 | 13 |
| 32 | Microstructural evolution and age hardening behavior of a new metastable beta Ti-2Al-9.2Mo-2Fe alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015, 645, 225-231. | 5.6 | 18 |
| 33 | A sensitive colorimetric strategy for monitoring cerebral β^2 -amyloid peptides in AD based on dual-functionalized gold nanoplasmonic particles. <i>Chemical Communications</i> , 2015, 51, 8880-8883. | 4.1 | 22 |
| 34 | Effect of Trace Boron Addition on Microstructure and Properties of as-Cast Ti-6Al-4V Alloy. <i>Rare Metal Materials and Engineering</i> , 2014, 43, 2908-2911. | 0.8 | 10 |
| 35 | Effect of temperature on grain growth kinetics of high strength Ti-2Al-9.2Mo-2Fe alloy. <i>Thermochimica Acta</i> , 2014, 586, 66-71. | 2.7 | 21 |
| 36 | Effect of heat treatments on microstructure and property of a high strength/toughness Ti-8V-1.5Mo-2Fe-3Al alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2014, 616, 207-213. | 5.6 | 27 |

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|----|--|-----|-----------|
| 37 | Phase transformation and age hardening behavior of new Ti-9.2Mo-2Fe alloy. <i>Journal of Alloys and Compounds</i> , 2013, 549, 152-157. | 5.5 | 26 |
| 38 | A study on the microstructures and tensile properties of new beta high strength titanium alloy. <i>Journal of Alloys and Compounds</i> , 2013, 550, 23-30. | 5.5 | 79 |
| 39 | Effect of solution temperature on microstructures and tensile properties of high strength Ti-6Cr-5Mo-5V-4Al alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013, 578, 103-109. | 5.6 | 51 |
| 40 | Influence of heat treatment on microstructure and tensile property of a new high strength beta alloy Ti-2Al-9.2Mo-2Fe. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013, 580, 250-256. | 5.6 | 17 |
| 41 | Dynamic stress-strain properties of Ti-Al-V titanium alloys with various element contents. <i>Rare Metals</i> , 2013, 32, 555-559. | 7.1 | 15 |
| 42 | Development of Low Cost and Low Elastic Modulus of Ti-Al-Mo-Fe Alloys for Automotive Applications. <i>Key Engineering Materials</i> , 2013, 551, 114-117. | 0.4 | 12 |
| 43 | Higher Blood 25(OH)D Level May Reduce the Breast Cancer Risk: Evidence from a Chinese Population Based Case-Control Study and Meta-Analysis of the Observational Studies. <i>PLoS ONE</i> , 2013, 8, e49312. | 2.5 | 53 |
| 44 | Mechanical Characterization of Ti-Mo-Fe Titanium Alloy. <i>Advanced Materials Research</i> , 2012, 567, 37-40. | 0.3 | 5 |
| 45 | Microstructure Evolution of Ti-9.2Mo-2Fe Alloy. <i>Advanced Materials Research</i> , 2012, 567, 30-32. | 0.3 | 1 |
| 46 | Gambogic acid promotes apoptosis and resistance to metastatic potential in MDA-MB-231 human breast carcinoma cells. <i>Biochemistry and Cell Biology</i> , 2012, 90, 718-730. | 2.0 | 56 |
| 47 | Gambogic Acid Deactivates Cytosolic and Mitochondrial Thioredoxins by Covalent Binding to the Functional Domain. <i>Journal of Natural Products</i> , 2012, 75, 1108-1116. | 3.0 | 32 |
| 48 | VI-14, a novel flavonoid derivative, inhibits migration and invasion of human breast cancer cells. <i>Toxicology and Applied Pharmacology</i> , 2012, 261, 217-226. | 2.8 | 24 |
| 49 | Gambogic acid inhibits tumor cell adhesion by suppressing integrin $\beta 1$ and membrane lipid rafts-associated integrin signaling pathway. <i>Biochemical Pharmacology</i> , 2011, 82, 1873-1883. | 4.4 | 57 |
| 50 | Anti-invasive effect of gambogic acid in MDA-MB-231 human breast carcinoma cells. <i>Biochemistry and Cell Biology</i> , 2008, 86, 386-395. | 2.0 | 50 |
| 51 | Aging Behaviors of Ti-Al-Mo-Fe Titanium Alloy. <i>Advanced Materials Research</i> , 0, 567, 102-104. | 0.3 | 1 |
| 52 | Effect of Heat Treatment on Grain Growth of Beta Titanium Alloy. <i>Advanced Materials Research</i> , 0, 1025-1026, 423-426. | 0.3 | 5 |
| 53 | Dynamic Compression Behavior of Ti-6Al-4V Plates Prepared by a Single Electron Beam Cold Hearth Melted Ingot. <i>Advanced Materials Research</i> , 0, 1015, 328-331. | 0.3 | 4 |