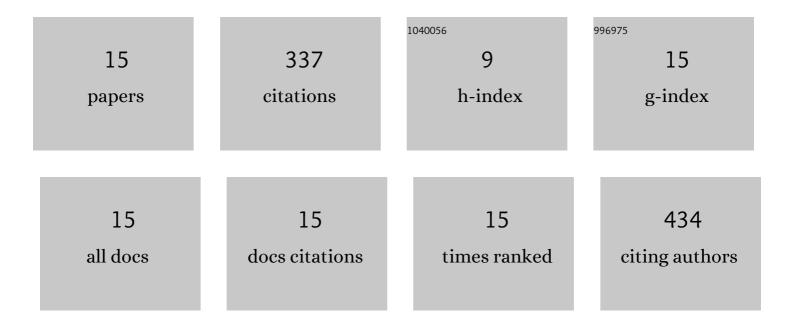
## Chao Yang

List of Publications by Year in descending order

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| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Tunable microstructures and tensile mechanical properties of oxide-dispersion-strengthened Cu by extrusion and secondary processing. Journal of Alloys and Compounds, 2020, 812, 152112.  | 5.5  | 9         |
| 2  | Investigating bulk mechanical properties on a micro-scale: Micro-tensile testing of ultrafine grained<br>Ni–SiC composite to determine its fracture mechanism and strain rate sensitivity. Journal of Alloys<br>and Compounds, 2020, 817, 152774.   | 5.5  | 7         |
| 3  | Investigation on the Microstructure and Wear Behavior of Laser-Cladded High Aluminum and<br>Chromium Fe-B-C Coating. Materials, 2020, 13, 2443.   | 2.9  | 5         |
| 4  | Effect of temperature on oxidation resistance and isothermal oxidation mechanism of novel wear-resistant Fe-Cr-B-Al-C-Mn-Si alloy. Corrosion Science, 2020, 170, 108620.  | 6.6  | 24        |
| 5  | On the Formation of Nanoscale Intergranular Intermetallic Compound Films in a Cu-5 at. pct Zr Alloy.<br>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2019, 50,<br>4569-4581.  | 2.2  | 1         |
| 6  | Hall–Petch Slope in Ultrafine Grained Al-Mg Alloys. Metallurgical and Materials Transactions A:<br>Physical Metallurgy and Materials Science, 2019, 50, 4047-4057.  | 2.2  | 11        |
| 7  | Doping Ti to achieve microstructural refinement and strength enhancement in a high volume fraction<br>Y2O3 dispersion strengthened Cu. Journal of Alloys and Compounds, 2018, 753, 18-27.   | 5.5  | 18        |
| 8  | Heterogeneous microstructure of an Al2O3 dispersion strengthened Cu by spark plasma sintering and extrusion and its effect on tensile properties and electrical conductivity. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 730, 328-335. | 5.6  | 23        |
| 9  | The Effect of Milling Time on the Microstructural Characteristics and Strengthening Mechanisms of NiMo-SiC Alloys Prepared via Powder Metallurgy. Materials, 2017, 10, 389.   | 2.9  | 5         |
| 10 | Efficient Solar-Thermal Energy Harvest Driven by Interfacial Plasmonic Heating-Assisted Evaporation.<br>ACS Applied Materials & Interfaces, 2016, 8, 23412-23418.   | 8.0  | 144       |
| 11 | The Key Role of Ball Milling Time in the Microstructure and Mechanical Property of Ni-TiCNP<br>Composites. Journal of Materials Engineering and Performance, 2016, 25, 5280-5288.   | 2.5  | 3         |
| 12 | The Effect of Grain Size and Dislocation Density on the Tensile Properties of Ni-SiCNP Composites During Annealing. Journal of Materials Engineering and Performance, 2016, 25, 726-733.  | 2.5  | 15        |
| 13 | High-temperature stability of Ni-3 wt.% SiCNP composite and the effect of milling time. Journal of Nuclear Materials, 2015, 467, 635-643.   | 2.7  | 20        |
| 14 | Microstructures and Tensile Properties of Ultrafine-Grained Ni–(1–3.5)Âwt% SiCNP Composites<br>Prepared by a Powder Metallurgy Route. Acta Metallurgica Sinica (English Letters), 2015, 28, 809-816.  | 2.9  | 30        |
| 15 | Effect of Milling Time on the Microstructure and Tensile Properties of Ultrafine Grained Ni–SiC<br>Composites at Room Temperature. Journal of Materials Science and Technology, 2015, 31, 923-929.  | 10.7 | 22        |