

Michael Wurmshuber

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Helium-induced swelling and mechanical property degradation in ultrafine-grained W and W-Cu nanocomposites for fusion applications. <i>Scripta Materialia</i> , 2022, 213, 114641. | 5.2 | 10 |
| 2 | Tuning mechanical properties of ultrafine-grained tungsten by manipulating grain boundary chemistry. <i>Acta Materialia</i> , 2022, 232, 117939. | 7.9 | 7 |
| 3 | Open-cell tungsten nanofoams: Scaling behavior and structural disorder dependence of Young's modulus and flow strength. <i>Materials and Design</i> , 2021, 197, 109187. | 7.0 | 12 |
| 4 | The effect of grain size on bubble formation and evolution in helium-irradiated Cu-Fe-Ag. <i>Materials Characterization</i> , 2021, 171, 110822. | 4.4 | 11 |
| 5 | Strength ranking for interfaces between a TiN hard coating and microstructural constituents of high speed steel determined by micromechanical testing. <i>Materials and Design</i> , 2021, 204, 109690. | 7.0 | 11 |
| 6 | High-Temperature Nanoindentation of an Advanced Nano-Crystalline W/Cu Composite. <i>Nanomaterials</i> , 2021, 11, 2951. | 4.1 | 5 |
| 7 | Tailoring ultra-strong nanocrystalline tungsten nanofoams by reverse phase dissolution. <i>Acta Materialia</i> , 2020, 182, 215-225. | 7.9 | 26 |
| 8 | Impact of interfaces on the radiation response and underlying defect recovery mechanisms in nanostructured Cu-Fe-Ag. <i>Materials and Design</i> , 2018, 160, 1148-1157. | 7.0 | 19 |