

Felix Schleifer

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Consistent Quantification of Precipitate Shapes and Sizes in Two and Three Dimensions Using Central Moments. Integrating Materials and Manufacturing Innovation, 2022, 11, 159-171. | 1.2 | 2 |
| 2 | Quantitative Shape-Classification of Misfitting Precipitates during Cubic to Tetragonal Transformations: Phase-Field Simulations and Experiments. Materials, 2021, 14, 1373. | 1.3 | 3 |
| 3 | Simulation of the γ Precipitation Process with Interfacial Anisotropy Effects in Al-Cu Alloys. Materials, 2021, 14, 1280. | 1.3 | 4 |
| 4 | Quantification of Solid Solution Strengthening and Internal Stresses through Creep Testing of Ni-Containing Single Crystals at 980 Å°C. Metals, 2021, 11, 1130. | 1.0 | 7 |
| 5 | Phase-Field Modeling of γ and γ' Precipitate Size Evolution During Heat Treatment of Ni-Based Superalloys. Minerals, Metals and Materials Series, 2020, , 500-508. | 0.3 | 6 |
| 6 | On the interaction between γ' precipitates and dislocation microstructures in Nb containing single crystal nickel-base alloys. Materials Characterization, 2020, 165, 110389. | 1.9 | 11 |
| 7 | Phase-field modeling of γ/γ' microstructure formation in Ni-based superalloys with high γ' volume fraction. Intermetallics, 2020, 120, 106745. | 1.8 | 20 |
| 8 | Phase-field modeling of γ' -precipitate shapes in nickel-base superalloys and their classification by moment invariants. European Physical Journal B, 2019, 92, 1. | 0.6 | 12 |
| 9 | Phase-Field Modeling of Precipitation Growth and Ripening During Industrial Heat Treatments in Ni-Base Superalloys. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2018, 49, 4146-4157. | 1.1 | 23 |