# Yi Wang

List of Publications by Year
in descending order



| 10 | 60 | 1937685 4 | 1588992 8 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 10 | 10 | 10 | 57 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Precipitation kinetics in binary Feâ€“Cu and ternary Feâ€“Cuâ€“Ni alloys via kMC method. Progress in Natural Science: Materials International, 2017, 27, 460-466. | 4.4 | 20 |
| 2 | Atomistic simulation of shear-coupled motion of [1â€¯1â€¯0] symmetric tilt grain boundary in Îą-iron. Computational Materials Science, 2018, 148, 141-148. | 3.0 | 11 |
| 3 | Machine-learning interatomic potential for radiation damage effects in bcc-iron. Computational Materials Science, 2022, 202, 110960. | 3.0 | 9 |
| 4 | Atomistic simulation of interactions between an edge dislocation and Cu precipitates with different chemical compositions in Îą-Fe. Nuclear Instruments & Methods in Physics Research B, 2019, 458, 39-43. | 1.4 | 5 |
| 5 | The magnetic effects on the energetic landscape of Fe-Cu alloy: A model Hamiltonian approach. Computational Materials Science, 2018, 145, 163-173. | 3.0 | 4 |
| 6 | Development of a machine learning potential for the study of crack propagation in titanium. International Journal of Pressure Vessels and Piping, 2021, 194, 104514. | 2.6 | 4 |
| 7 | Development of an angular-dependent potential for radiation damage study in Fe-Si solutions. Journal of Nuclear Materials, 2021, 545, 152643. | 2.7 | 3 |
| 8 | Comparison of interatomic potentials on crack propagation properties in bcc iron. International Journal of Pressure Vessels and Piping, 2021, 194, 104524. | 2.6 | 2 |
| 9 | Ab initio based modeling of interfacial segregation at Cu-rich precipitates in Feâ€“Cuâ€“Ni alloys. Nuclear Instruments & Methods in Physics Research B, 2019, 456, 32-36. | 1.4 | 1 |
| 10 | An Incremental Model for Defect Production upon Cascade Overlapping. Chinese Physics Letters, 2020, 37, 016103. | 3.3 | 1 |