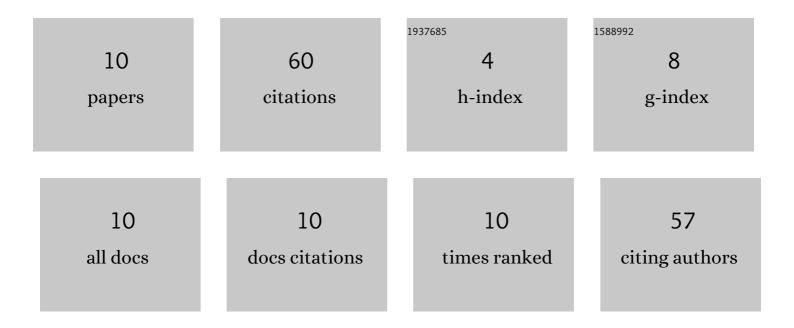


## List of Publications by Year in descending order

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| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Precipitation kinetics in binary Fe–Cu and ternary Fe–Cu–Ni alloys via kMC method. Progress in<br>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 α-iron.<br>Computational Materials Science, 2018, 148, 141-148.  | 3.0 | 11        |
| 3  | Machine-learning interatomic potential for radiation damage effects in bcc-iron. Computational<br>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 α-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.<br>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.<br>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<br>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 Fe–Cu–Ni alloys. Nuclear<br>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,<br>37, 016103.  | 3.3 | 1         |