

Maaouia Souissi

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

246
citations

1040056

9
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

350
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Crystal Chemistry and Electronic Properties of the Al-Rich Compounds, Al ₂ Cu, Al ₇ Cu ₂ Fe and Al ₁₃ Fe ₄ with Cu Solution. <i>Metals</i> , 2022, 12, 329. | 2.3 | 7 |
| 2 | Direct observation and modeling of growth-induced stacking fault in chromium-rich $\hat{\Gamma}$ ³ -M ₂₃ C ₆ carbides. <i>Scripta Materialia</i> , 2020, 178, 290-294. | 5.2 | 11 |
| 3 | Evaluating the phase stability of binary titanium alloy Ti-X (X = Mo, Nb, Al, and Zr) using first-principles calculations and a Debye model. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , 2020, 71, 102207. | 1.6 | 10 |
| 4 | Creep lifetime and microstructure evolution in boron-added 9Cr-1Mo heat-resistant steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 760, 267-276. | 5.6 | 15 |
| 5 | Responses to comments on Ni nanoparticle-decorated reduced graphene oxide for non-enzymatic glucose sensing: An experimental and modeling study [<i>Electrochim. Acta</i> 240 (2017) 388-398]. <i>Electrochimica Acta</i> , 2019, 300, 145-149. | 5.2 | 1 |
| 6 | Gelatin methacryloyl hydrogel for glucose biosensing using Ni nanoparticles-reduced graphene oxide: An experimental and modeling study. <i>Electrochimica Acta</i> , 2018, 261, 275-283. | 5.2 | 36 |
| 7 | Creep Property of Boron Added 9Cr Heat Resistant Steels after Welding. <i>Materials Science Forum</i> , 2018, 941, 340-345. | 0.3 | 0 |
| 8 | Effect of mixed partial occupation of metal sites on the phase stability of $\hat{\Gamma}$ ³ -Cr ₂₃ ~ ^x Fe x C ₆ (x=0-3) carbides. <i>Scientific Reports</i> , 2018, 8, 7279. | 3.3 | 14 |
| 9 | Ni nanoparticle-decorated reduced graphene oxide for non-enzymatic glucose sensing: An experimental and modeling study. <i>Electrochimica Acta</i> , 2017, 240, 388-398. | 5.2 | 50 |
| 10 | Ab initio characterization of B, C, N, and O in bcc iron: Solution and migration energies and elastic strain fields. <i>Computational Materials Science</i> , 2016, 124, 249-258. | 3.0 | 34 |
| 11 | Elastic Properties of Fe-C and Fe-N Martensites. <i>ISIJ International</i> , 2015, 55, 1512-1521. | 1.4 | 44 |
| 12 | An atomistic level description of guest molecule effect on the formation of hydrate crystal nuclei by ab initio calculations. <i>Journal of Structural Chemistry</i> , 2012, 53, 619-626. | 1.0 | 4 |
| 13 | Theoretical modelling of the phase diagrams of clathrate hydrates for hydrogen storage applications. <i>Molecular Simulation</i> , 2012, 38, 773-780. | 2.0 | 20 |
| 14 | Theoretical Evaluation of Anisotropic Distortion Associated with Point Defects in Ordered Compounds. <i>Defect and Diffusion Forum</i> , 0, 363, 101-105. | 0.4 | 0 |