

Neila Sellami

List of Publications by Year in descending order

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papers

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1040056

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283
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron-phonon coupling induced defect recovery and strain relaxation in Ni and equiatomic NiFe alloy. <i>Computational Materials Science</i> , 2020, 173, 109394.	3.0	9
2	Effect of electronic energy dissipation on strain relaxation in irradiated concentrated solid solution alloys. <i>Current Opinion in Solid State and Materials Science</i> , 2019, 23, 107-115.	11.5	25
3	Two-stage synergy of electronic energy loss with defects in LiTaO ₃ under ion irradiation. <i>Materials Research Letters</i> , 2018, 6, 339-344.	8.7	20
4	Evolution of irradiation-induced strain in an equiatomic NiFe alloy. <i>Scripta Materialia</i> , 2017, 140, 35-39.	5.2	27
5	Role of atomic-level defects and electronic energy loss on amorphization in LiNbO ₃ single crystals. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 325103.	2.8	12
6	X-ray diffraction study of the Y ₂ Ti ₂ O ₇ pyrochlore disordering sequence under irradiation. <i>Journal of Nuclear Materials</i> , 2016, 480, 314-322.	2.7	12
7	Key role of the short-range order on the response of the titanate pyrochlore Y ₂ Ti ₂ O ₇ to irradiation. <i>Physical Review B</i> , 2016, 94, .	3.2	11
8	Modifications of structural and physical properties induced by swift heavy ions in Gd ₂ Ti ₂ O ₇ and Y ₂ Ti ₂ O ₇ pyrochlores. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 365, 371-375.	1.4	18
9	Experimental approach and atomistic simulations to investigate the radiation tolerance of complex oxides: Application to the amorphization of pyrochlores. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2014, 326, 228-233.	1.4	11
10	Structural stability of Nd ₂ Zr ₂ O ₇ pyrochlore ion-irradiated in a broad energy range. <i>Acta Materialia</i> , 2013, 61, 6492-6505.	7.9	55
11	Phase Transformations in Pyrochlores Irradiated with Swift Heavy Ions: Influence of Composition and Chemical Bonding. <i>Acta Physica Polonica A</i> , 2013, 123, 862-866.	0.5	9