

Neila Sellami

List of Publications by Year in descending order

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citing authors

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