

Amel Dib

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

93
citations

1478280

6
h-index

1474057

9
g-index

16
all docs

16
docs citations

16
times ranked

49
citing authors

#	ARTICLE	IF	CITATIONS
1	Stopping power measurements of heavy ions ($^{1/2}Z^{1/2}$) in Mylar foil by time-of-flight spectrometry. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 386-391.	0.6	14
2	Stopping power and energy loss straggling of thin Formvar foil for 0.3–2.7 MeV protons and alpha particles. Radiation Physics and Chemistry, 2012, 81, 1862-1866.	1.4	13
3	Semi empirical formula for electronic stopping power determination of 24Mg, 27Al and 28Si ions crossing Formvar foil in the ion energy domain of LSS theory. Radiation Physics and Chemistry, 2014, 96, 205-210.	1.4	11
4	Effects of the projectile electronic structure on stopping parameters for nickel. Nuclear Instruments & Methods in Physics Research B, 2006, 249, 22-25.	0.6	9
5	Energy loss and stopping force of heavy ions Cu, Si, Al and F through thin Nickel (Ni) foil at low MeV energies. Nuclear Instruments & Methods in Physics Research B, 2019, 450, 43-46.	0.6	7
6	Thermal spike model interpretation of sputtering yield data for Bi thin films irradiated by MeV 84Kr15+ ions. Nuclear Instruments & Methods in Physics Research B, 2015, 354, 235-239.	0.6	6
7	Electronic stopping power data of heavy ions in polymeric foils in the ion energy domain of LSS theory. Nuclear Instruments & Methods in Physics Research B, 2015, 362, 172-181.	0.6	6
8	Sputtering of bismuth thin films under MeV Cu heavy ion irradiation: Experimental data and inelastic thermal spike model interpretation.. Surface and Interface Analysis, 2018, 50, 328-334.	0.8	6
9	Sputtering and surface structure modification of gold thin films deposited onto silicon substrates under the impact of 20–160 keV Ar + ions. Nuclear Instruments & Methods in Physics Research B, 2014, 337, 11-16.	0.6	5
10	Energy loss straggling data of 28Si, 27Al, 24Mg, 19F, 16O, and 12C heavy ions in thin polymeric Formvar foil over a range of energies 0.1–0.6 MeV/u by time-of-flight spectrometry. Radiation Physics and Chemistry, 2015, 107, 189-194.	1.4	5
11	Sputtering and surface topography modification of bismuth thin films under swift 84Kr15+ ion irradiation. Nuclear Instruments & Methods in Physics Research B, 2012, 292, 11-17.	0.6	4
12	Slowing down of 11 MeV 12C, 16O, 28Si and 63Cu heavy ions through Si3N4 thin foil by using Time-of-Flight spectrometry. Nuclear Instruments & Methods in Physics Research B, 2016, 371, 69-75.	0.6	4
13	Energy loss measurements of 63Cu, 28Si and 27Al heavy ions crossing thin Polyvinylchloride (PVC) foil. Nuclear Instruments & Methods in Physics Research B, 2015, 363, 24-27.	0.6	2
14	Experimental study and thermal spike modeling of sputtering in SiO2 thin films under MeV Au q+ heavy ion irradiation. Surface and Interface Analysis, 2021, 53, 737-746.	0.8	1
15	Stopping power and energy loss straggling data of Bismuth thin film for (0.9–3.0) MeV 4He+ swift ions. Nuclear Instruments & Methods in Physics Research B, 2019, 459, 15-21.	0.6	0
16	Energy loss straggling data of 63Cu, 28Si, 27Al, 24Mg, 19F and 16O heavy ions crossing thin polymeric foils at low energy. Nuclear Instruments & Methods in Physics Research B, 2021, 491, 7-16.	0.6	0