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The energy distribution of sputtered atoms from gold

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Radiation Effects, 1972, 13, 121-129.

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#	Paper	IF	Citations
88	Focusing in sputtering. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1972 , 40, 231-232		4
87	The topography of sputtered semiconductors. <i>Radiation Effects</i> , 1973 , 18, 95-103		101
86	Spatial and energy distributions of secondary ions produced by ion bombardment of single crystals. <i>Radiation Effects</i> , 1973 , 20, 89-93		20
85	Influence of temperature on the secondary ion emission of a monocrystalline aluminium target. <i>Radiation Effects</i> , 1973 , 19, 181-184		12
84	Energy distribution of secondary ions from 15 polycrystalline targets. <i>Radiation Effects</i> , 1973 , 19, 175-180		44
83	Dependence of the space distribution of particles sputtered from monocrystalline copper on the ion incidence angle. <i>Radiation Effects</i> , 1973 , 19, 215-218		4
82	Hyperthermal beams sputtered from alkali-halide surfaces. <i>Radiation Effects</i> , 1974 , 21, 171-179		45
81	Surface compositional analysis using low energy ion bombardment induced emission processes. <i>Vacuum</i> , 1974 , 24, 373-388	3.7	17
80	Energy density and time constant of heavy-ion-induced elastic-collision spikes in solids. <i>Applied Physics Letters</i> , 1974 , 25, 169-171	3.4	413
79	Channeling and related effects in the motion of charged particles through crystals. <i>Reviews of Modern Physics</i> , 1974 , 46, 129-227	40.5	1314
78	Sputtering—review of some recent experimental and theoretical aspects. <i>Applied Physics Berlin</i> , 1975 , 8, 185-198		254
77	The behaviour of surfaces under ion bombardment. <i>Reports on Progress in Physics</i> , 1975 , 38, 241-327	14.4	182
76	Sputtering and Ion-Source Technology. <i>IEEE Transactions on Nuclear Science</i> , 1976 , 23, 959-966	1.7	16
75	Angular dependence of sputtering in close-packed directions. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1976 , 56, 58-60	2.3	2
74	The effect of surface recoils on the energy distribution of sputtered gold. <i>Nuclear Instruments & Methods</i> , 1976 , 132, 317-319		55
73	Energy distributions of neutral atoms and molecules sputtered from polycrystalline silver. <i>Nuclear Instruments & Methods</i> , 1976 , 132, 329-334		46
72	Current density effects in secondary ion emission studies. <i>Nuclear Instruments & Methods</i> , 1976 , 132, 381-385		28

71	Backscattering of neutralized noble gas ions from polycrystalline surfaces at bombarding energies below 1 keV. <i>Nuclear Instruments & Methods</i> , 1976 , 132, 687-693		29
70	Theory of thermal sputtering. <i>Radiation Effects</i> , 1977 , 32, 91-100		144
69	Energy and angular distribution of gold and copper atoms sputtered with either 15-or 30-KeV H+, He+, and Ar+ ions. <i>Journal of Nuclear Materials</i> , 1978 , 76-77, 136-142	3.3	38
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67	Dependence of the energy distribution on the emission angle for the secondary ions from polycrystalline aluminum. <i>International Journal of Mass Spectrometry and Ion Physics</i> , 1978 , 27, 379-389		13
66	A comparison of experimental secondary ion energy spectra of polycrystalline metals with theory. <i>Radiation Effects</i> , 1978 , 38, 141-149		9
65	Comments on \square the Moon really as smooth as a billiard ball? <i>Geophysical Research Letters</i> , 1978 , 5, 301-303	4.9	4
64	Cascade and quasi thermal processes in excited atom sputtering. <i>Radiation Effects</i> , 1978 , 35, 175-187		17
63	Sputtering of an AgAu alloy by bombardment with 6 keV Xe+ions. <i>Journal Physics D: Applied Physics</i> , 1978 , 11, 751-759	3	52
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53	High fluence hydrogen implantation in copper: Blistering and grain boundary movement. <i>Radiation Effects</i> , 1980 , 51, 233-239		6
52	Sputtering of uranium tetrafluoride in the electronic stopping region. <i>Radiation Effects</i> , 1980 , 51, 223-231		93
51	Energy and mass distributions of sputtered particles. <i>Journal of Nuclear Materials</i> , 1980 , 89, 229-252	3.3	15
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46	Discussion of the origin of secondary photon and secondary ion emission during energetic particle irradiation of solids. I. The collision cascade. <i>Journal of Chemical Physics</i> , 1980 , 72, 147-171	3.9	33
45	Atomic collision processes in sputtering. <i>Radiation Effects</i> , 1980 , 46, 163-165		14
44	Influence of thermal and collisional effects on the sputtering of sodium and samarium targets. <i>Radiation Effects</i> , 1980 , 45, 199-204		15
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30	A search for a thermal spike effect in sputtering. <i>Applied Physics A: Solids and Surfaces</i> , 1983 , 30, 83-86		39
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27	Elastic-collision spikes in sputtering of metals at normal and oblique incidence. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1984 , 2, 583-586	1.2	7
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