SzilÃ¡rd Sajti

List of Publications by Year
in descending order

25 papers	191 citations	1163117 8 h-index	1125743 13 g-index
25 all docs	25 docs citations	25 times ranked	240 citing authors

#	Article	IF	Citations
1	Alloy formation at the Fe-on-Nb and Nb-on-Fe interfaces. Vacuum, 2020, 171, 109048.	3.5	3
2	Self-Diffusion in 57Fe/natFe Multilayers by In Situ Neutron Reflectometry. Journal of Surface Investigation, 2020, 14, S1-S4.	0.5	0
3	Reversible control of magnetism in FeRh thin films. Scientific Reports, 2020, 10, 13923.	3.3	14
4	GM1 Ganglioside role in the interaction of Alpha-synuclein with lipid membranes: Morphology and structure. Biophysical Chemistry, 2019, 255, 106272.	2.8	38
5	In situ study of electric field controlled ion transport in the Fe/BaTiO3 interface. Materials Research Express, 2018, 5, 016405.	1.6	1
6	Asymmetric alloy formation at the Fe-on-Ti and Ti-on-Fe interfaces. Journal of Physics Condensed Matter, 2018, 30, 455001.	1.8	3
7	Realizing total reciprocity violation in the phase for photon scattering. Scientific Reports, 2017, 7, 43114.	3.3	0
8	Roughness replication in neutron supermirrors. Journal of Applied Crystallography, 2017, 50, 184-191.	4.5	6
9	HERITAGE: the concept of a giant flux neutron reflectometer for the exploration of 3-d structure of free-liquid and solid interfaces in thin films. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 841, 34-46.	1.6	6
10	Angular dependence, blackness and polarization effects in integral conversion electron MÃ¶ssbauer spectroscopy. Nuclear Instruments & Methods in Physics Research B, 2015, 342, 62-69.	1.4	2
11	Controlling Exchange Coupling Strength in Ni x Cu1â^'x Thin Films. Journal of Superconductivity and Novel Magnetism, 2013, 26, 1957-1961.	1.8	1
12	GINAâ€"A polarized neutron reflectometer at the Budapest Neutron Centre. Review of Scientific Instruments, 2013, 84, 015112.	1.3	19
13	Higher harmonics suppression in Fe/Si polarizing neutron monochromators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 704, 92-97.	1.6	3
14	Precision structural diagnostics of layered superconductor/ferromagnet nanosystems V/Fe by reflectometry and diffuse scattering of synchrotron radiation. Crystallography Reports, 2011, 56, 858-865.	0.6	3
15	Isotope-periodic multilayer method for short self-diffusion paths â€“ a comparative neutron and synchrotron MÃ¶ssbauer reflectometric study of FePd alloys. Journal of Physics: Conference Series, 2010, 211, 012029.	0.4	6
16	Electron proportional gas counter for linear and elliptical MÃ¶ssbauer polarimetry. Review of Scientific Instruments, 2010, 81, 023302.	1.3	1
17	Modification of local order in FePd films by low energy He+ irradiation. Journal of Applied Physics, 2008, 104, .	2.5	12
18	A secure data storage system based on phase-encoded thin polarization holograms. Journal of Optics, 2004, 6, 401-411.	1.5	11

#	Article	IF	Citations
19	Saturation effect in azobenzene polymers used for polarization holography. Applied Physics B: Lasers and Optics, 2003, 76, 397-402.	2.2	22
20	Description of photoinduced anisotropy in azobenzene side-chain polyesters. Synthetic Metals, 2003, 138, 79-83.	3.9	2
21	Polarization holographic data storage using azobenzene polyster as storage material. , 2003, , .		4
22	Response function for the characterization of photo-induced anisotropy in azobenzene containing polymers. Applied Physics B: Lasers and Optics, 2002, 75, 677-685.	2.2	10
23	Dynamic behavior of azobenzene polyester used for holographic data storage. Materials Research Society Symposia Proceedings, 2001, 674, 1.	0.1	1
24	Simulation of erasure of photoinduced anisotropy by circularly polarized light. Optics Communications, 2001, 194, 435-442.	2.1	17
25	<title>Rewritable azobenzene polyester for polarization holographic data storage</title>. , 2000, 4149, 324.		6