Grzegorz Gladyszewski

List of Publications by Year
in descending order

58	553	687363 13	713466 21
papers	citations	h-index	g-index

59	59	59	498
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of sugars and phenolic compounds in honey powders with the use of GCâ€“MS, FTIR spectroscopy, and X-ray diffraction. Scientific Reports, 2020, 10, 16269.	3.3	45
2	Determination of the residual stress tensor in Cu/W multilayers by xâ€ray diffraction. Applied Physics Letters, 1993, 62, 246-248.	3.3	36
3	The Influence of Kaolin Clay on the Mechanical Properties and Structure of Thermoplastic Starch Films. Polymers, 2020, 12, 73.	4.5	33
4	High resolution studies of interfacial effects by small and large angle X-ray diffraction. Thin Solid Films, 1991, 204, 473-484.	1.8	31
5	Lowâ€temperature mixing in Cu/W superlattices irradiated with light and heavy ions. Journal of Applied Physics, 1993, 73, 2786-2793.	2.5	30
6	X-ray diffraction study of residual stress modification in Cu/W superlattices irradiated by light and heavy ions. Nuclear Instruments & Methods in Physics Research B, 1993, 80-81, 404-407.	1.4	25
7	Irradiation effects in Cu/W multilayers: Ion beam mixing and structural evolution. Journal of Applied Physics, 1999, 86, 4847-4854.	2.5	23
8	Spectroscopic Studies of Dual Fluorescence in 2-(4-Fluorophenylamino)-5-(2,4-dihydroxybenzeno)-1,3,4-thiadiazole: Effect of Molecular Aggregation in a Micellar System. Molecules, 2018, 23, 2861.	3.8	23
9	Evolution of stress and structure in Cu thin films. Crystal Research and Technology, 2005, 40, 509-516.	1.3	21
10	The Structure and Mechanical Properties of the Surface Layer of Polypropylene Polymers with Talc Additions. Materials, 2020, 13, 698.	2.9	21
11	A New method for studying ion beam mixing. Applied Physics A: Solids and Surfaces, 1989, 48, 521-526.	1.4	20
12	Diffusional creep induced stress relaxation in thin Cu films on silicon. Microelectronic Engineering, 2008, 85, 2179-2182.	2.4	14
13	On the Fe thickness dependence of the giant magnetoresistance in epitaxial Fe/Cr superlattices. Journal of Magnetism and Magnetic Materials, 1996, 156, 341-342.	2.3	13
14	Stress development during evaporation of Cu and Ag on silicon. Microelectronic Engineering, 2003, 70, 442-446.	2.4	13
15	Atom-ion transition energies for alkali atoms on a tungsten surface. Surface Science, 1991, 247, 274-278.	1.9	12
16	Ion-assisted deposition of Ag(001)/Fe(001) multilayers: interface roughness. Thin Solid Films, 1998, 319, 44-48.	1.8	12
17	Characterization of membrane processed honey and the effect of ultrafiltration with diafiltration on subsequent spray drying. Journal of Food Process Engineering, 2018, 41, e12818.	2.9	12
18	The Quantitative Nanomechanical Mapping of Starch/Kaolin Film Surfaces by Peak Force AFM. Polymers, 2021, 13, 244.	4.5	12

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19	A study of the Ag/Cu and Au/Cu interfaces. Surface Science, 1990, 231, 90-94.	1.9	11
20	Tungsten phase transformation induced by low-fluence Ar irradiation in Cuî—¸W multilayers. Materials Letters, 1992, 12, 419-423.	2.6	10
21	Structure of Ag/Fe superlattices probed at different length scales. Thin Solid Films, 2000, 366, 51-62.	1.8	10
22	Vickers microindentation deformation of different cleavage faces of potassium bichromate single crystals: Anisotropy in microhardness and crack formation. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 790, 139642.	5.6	10
23	Structural and magnetic properties of Fe/Cr and Fe/Ag multilayers. Physica B: Condensed Matter, 1997, 234-236, 467-469.	2.7	9
24	The small terrace size approximation in the theory of RHEED oscillations. Journal of Crystal Growth, 2002, 235, 79-88.	1.5	9
25	Structure characterization of metallic multilayers by symmetric and asymmetric X-ray diffraction. Thin Solid Films, 1998, 319, 78-80.	1.8	8
26	Effect of ion irradiation on the structure of multilayers. Thin Solid Films, 1996, 275, 247-250.	1.8	7
27	Growth of the Bi-Sb superlattice. Journal of Physics Condensed Matter, 1989, 1, 7795-7800.	1.8	6
28	Initial stages of ion-induced interfacial mixing in the Ag-Pd system. Materials Letters, 1992, 13, 287-291.	2.6	6
29	Modification of Cuâ€”W superlattices by ion irradiation. Applied Surface Science, 1993, 65-66, 28-34.	6.1	6
30	XRD study of the structure of NiFe/Au and NiFe/Cu superlattices. Journal of Magnetism and Magnetic Materials, 2002, 239, 329-331.	2.3	6
31	Stress development during thin film growth and its modification under ion irradiation. Vacuum, 2003, 70, 243-248.	3.5	6
32	Interface of the Cuî—¸W multilayers. Vacuum, 1994, 45, 285-287.	3.5	5
33	X-ray diffraction studies of ion beam mixing in Auî—¸Ni superlattices. Nuclear Instruments & Methods in Physics Research B, 1992, 62, 541-544.	1.4	4
34	Relation between structural and physical properties in magnetic and superconducting superlattices. Thin Solid Films, 1996, 275, 1-7.	1.8	4
35	Stress relaxation effects in Ag/Pd superlattices at initial stages of ion beam mixing. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2000, 288, 266-269.	5.6	4
36	Physical Properties of Starch/Powdered Activated Carbon Composite Films. Polymers, 2021, 13, 4406.	4.5	4

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37	Ion beam mixing in Au-Cu compositionally modulated alloys. Materials Letters, 1990, 9, 325-328.	2.6	3
38	Modification of structure, electric and magnetic properties of epitaxially grown Ag(001)/Fe(001) superlattices. Journal of Magnetism and Magnetic Materials, 1996, 156, 381-382.	2.3	3
39	Monte Carlo simulation of nonspecular x-ray scattering profiles from multilayers. Physical Review B, 1996, 54, 11672-11680.	3.2	3
40	Wollastonite-filled and arabic gum-modified starch films. Part 1. Mechanical and structural properties Folie skrobiowe napeÅ‚niane wollastonitem i modyfikowane gumÄ... arabskÄ.... Cz. I. WÅ‚aÅ›ciwoÅ›ci mechaniczne i strukturalne. Przemysl Chemiczny, 2016, 1, 109-111.	0.0	3
41	Ion Beam Mixing in Bi-Sb Superlattices. Physica Status Solidi A, 1989, 112, 753-756.	1.7	2
42	Epitaxially grown superlattices. Thin Solid Films, 1996, 275, 180-183.	1.8	2
43	Structure and oscillatory coupling in NiFe/Ag multilayers with low coercivity. Journal of Magnetism and Magnetic Materials, 2000, 215-216, 570-572.	2.3	2
44	Surface ionization of the lanthanides. Vacuum, 2004, 74, 301-304.	3.5	2
45	Stress evolution during intermittent deposition of metallic thin films. Microelectronic Engineering, 2006, 83, 2351-2354.	2.4	2
46	EXTERNAL BARREL TEMPERATURE OF A SMALLBORE OLYMPIC RIFLE. Biology of Sport, 2013, 30, 47-50.	3.2	2
47	X-ray diffraction studies of Au-Ni superlattices. Materials Letters, 1990, 9, 329-331.	2.6	1
48	Structure properties of Pd/V superlattices formed by the dual electron-beam system. Surface Science, 1990, 231, 188-192.	1.9	1
49	Monte Carlo simulation of non-specular X-ray scattering profiles from multilayered structures. Thin Solid Films, 1996, 275, 184-187.	1.8	1
50	Stresses in Multilayer Systems: Test of the sin2Î· Method. Advanced Engineering Materials, 2002, 4, 557-561.	3.5	1
51	Effect of annealing on the mechanical behaviour of Au/Cu and Cu/Au bilayers on silicon. Crystal Research and Technology, 2010, 45, 1272-1276.	1.3	1
52	Stress Evolution During Annealing of Cu/Au, Cu/Ag and Au/Ag Bilayers. Journal of Nanoscience and Nanotechnology, 2012, 12, 8647-8650.	0.9	1
53	Fast Fourier transform analysis as a new tool for Olympic rifle coaches. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 2017, 231, 63-67.	0.7	1
54	Kazimierz Juszczakowski â€“ zapomniany pedagog. Annales Universitatis Mariae Curie-SkÅ‚odowska Sectio F â€“ Historia, 0, 73, 163.	0.0	1

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55	Monteâ€Carlo Simulation of Surface Diffusion and Monolayer Completion. Physica Status Solidi (B): Basic Research, 1991, 166, K11.	1.5	0
56	Studying Structure of Metallic Superlattices by "Symmetric" and "Asymmetric" X-rAY Diffraction. Materials Research Society Symposia Proceedings, 1993, 308, 737.	0.1	0
57	Dimensional crossover in superconductor/spin-glass multilayers. European Physical Journal D, 1996, 46, 735-736.	0.4	0
58	Influence of Interfacial Effects on X-ray Diffraction Spectra of the [GaAs]_n[AlAs]_mSuperlattices. Acta Physica Polonica A, 1991, 79, 213-216.	0.5	0