

Jānos L Lāībājr

List of Publications by Year in descending order

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152
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2,941
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186265

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214800

47
g-index

155
all docs

155
docs citations

155
times ranked

3406
citing authors

#	ARTICLE	IF	CITATIONS
1	Consistent indexing of a (set of) single crystal SAED pattern(s) with the ProcessDiffraction program. Ultramicroscopy, 2005, 103, 237-249.	1.9	278
2	Electron Diffraction Based Analysis of Phase Fractions and Texture in Nanocrystalline Thin Films, Part I: Principles. Microscopy and Microanalysis, 2008, 14, 287-295.	0.4	114
3	Defect structure and hardness in nanocrystalline CoCrFeMnNi High-Entropy Alloy processed by High-Pressure Torsion. Journal of Alloys and Compounds, 2017, 711, 143-154.	5.5	100
4	Correlation between microstructure and mechanical properties of severely deformed metals. Journal of Alloys and Compounds, 2009, 483, 271-274.	5.5	88
5	Principles of self-annealing in silver processed by equal-channel angular pressing: The significance of a very low stacking fault energy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2010, 527, 752-760.	5.6	80
6	Electron Diffraction Based Analysis of Phase Fractions and Texture in Nanocrystalline Thin Films, Part II: Implementation. Microscopy and Microanalysis, 2009, 15, 20-29.	0.4	72
7	Microstructure and hardness of copper-carbon nanotube composites consolidated by High Pressure Torsion. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2011, 528, 4690-4695.	5.6	72
8	Microstructural stability of Cu processed by different routes of severe plastic deformation. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2011, 528, 1828-1832.	5.6	71
9	Revealing the grain structure of graphene grown by chemical vapor deposition. Applied Physics Letters, 2011, 99, .	3.3	70
10	Microstructure, phase composition and hardness evolution in 316L stainless steel processed by high-pressure torsion. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2016, 657, 215-223.	5.6	70
11	Electron Diffraction Based Analysis of Phase Fractions and Texture in Nanocrystalline Thin Films, Part III: Application Examples. Microscopy and Microanalysis, 2012, 18, 406-420.	0.4	64
12	High temperature thermal stability of pure copper and copper-carbon nanotube composites consolidated by High Pressure Torsion. Composites Part A: Applied Science and Manufacturing, 2013, 51, 71-79.	7.6	62
13	Influence of sintering temperature and pressure on crystallite size and lattice defect structure in nanocrystalline SiC. Journal of Materials Research, 2007, 22, 1314-1321.	2.6	58
14	Formation of polycrystalline and microcrystalline composite thin films by codeposition and surface chemical reaction. Surface and Coatings Technology, 2000, 125, 147-150.	4.8	55
15	Influence of severe plastic deformation on the microstructure and hardness of a CoCrFeNi high-entropy alloy: A comparison with CoCrFeNiMn. Materials Characterization, 2019, 154, 304-314.	4.4	53
16	Nanostructure of atmospheric soot particles. Atmospheric Environment, 2006, 40, 5533-5542.	4.1	51
17	Microstructure and yield strength of severely deformed silver. Scripta Materialia, 2008, 58, 775-778.	5.2	51
18	Simultaneous growth of Ni ₅ Ge ₃ and NiGe by reaction of Ni film with Ge. Applied Physics Letters, 2006, 89, 131920.	3.3	49

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19	Partial amorphization of a Cu-Zr-Ti alloy by high pressure torsion. Journal of Applied Physics, 2006, 100, 103522.	2.5	44
20	High pressure torsion of amorphous Cu ₆₀ Zr ₃₀ Ti ₁₀ alloy. Journal of Applied Physics, 2008, 104, .	2.5	42
21	A comparative study of nickel silicides and nickel germanides: Phase formation and kinetics. Microelectronic Engineering, 2006, 83, 2101-2106.	2.4	40
22	Stored energy in ultrafine-grained 316L stainless steel processed by high-pressure torsion. Journal of Materials Research and Technology, 2017, 6, 339-347.	5.8	39
23	Investigation of garnet formation by sintering of Y ₂ O ₃ and Fe ₂ O ₃ . Journal of Magnetism and Magnetic Materials, 1984, 41, 75-78.	2.3	38
24	Evolution of microstructure and hardness in Hf ₂₅ Nb ₂₅ Ti ₂₅ Zr ₂₅ high-entropy alloy during high-pressure torsion. Journal of Alloys and Compounds, 2019, 788, 318-328.	5.5	37
25	Photocatalytic C ₆₀ -amorphous TiO ₂ composites prepared by atomic layer deposition. Applied Surface Science, 2017, 419, 497-502.	6.1	36
26	Determination of dislocation density by electron backscatter diffraction and X-ray line profile analysis in ferrous lath martensite. Materials Characterization, 2016, 113, 117-124.	4.4	32
27	Processing and characterization of a multibeam sputtered nanocrystalline CoCrFeNi high-entropy alloy film. Surface and Coatings Technology, 2020, 386, 125465.	4.8	32
28	Kirkendall voids and the formation of amorphous phase in the Al-Pt thin-film system prepared by high-temperature successive deposition. Journal of Applied Physics, 1996, 79, 4096.	2.5	30
29	Nickel silicides and germanides: Phases formation, kinetics and thermal expansion. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2008, 154-155, 163-167.	3.5	29
30	Evolution of size and shape of gold nanoparticles during long-time aging. Materials Chemistry and Physics, 2013, 138, 449-453.	4.0	29
31	High temperature thermal stability of nanocrystalline 316L stainless steel processed by high-pressure torsion. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 682, 323-331.	5.6	29
32	Dominantly epitaxial growth of graphene on Ni (1 1 1) substrate. Applied Surface Science, 2014, 314, 490-499.	6.1	27
33	Study of the Microstructure of Amorphous Silica Nanostructures Using High-Resolution Electron Microscopy, Electron Energy Loss Spectroscopy, X-ray Powder Diffraction, and Electron Pair Distribution Function. Materials, 2020, 13, 4393.	2.9	26
34	Passivation of GaAs(001) surface by the growth of high quality c-GaN ultra-thin film using low power glow discharge nitrogen plasma source. Surface Science, 2012, 606, 1093-1099.	1.9	25
35	Twinning and dislocation activity in silver processed by severe plastic deformation. Journal of Materials Science, 2009, 44, 1656-1660.	3.7	24
36	Microstructure and Mechanical Behavior of Ultrafine-Grained Titanium. Materials Science Forum, 0, 589, 99-104.	0.3	23

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37	High glass forming ability correlated with microstructure and hydrogen storage properties of a Mg-Cu-Ag-Y glass. International Journal of Hydrogen Energy, 2014, 39, 9230-9240.	7.1	21
38	Ultralow-temperature superplasticity and its novel mechanism in ultrafine-grained Al alloys. Materials Research Letters, 2021, 9, 475-482.	8.7	21
39	The influence of Mo addition on the microstructure and its thermal stability for electrodeposited Ni films. Materials Characterization, 2018, 145, 563-572.	4.4	19
40	Thermal stability of a nanocrystalline HfNbTiZr multi-principal element alloy processed by high-pressure torsion. Materials Characterization, 2020, 168, 110550.	4.4	19
41	The dissolution forms of YIG single crystal spheres. Journal of Crystal Growth, 1983, 65, 562-567.	1.5	18
42	Growth and characterization of Ba(Mn, Ti) _x Fe _{12-x} O ₁₉ crystals. Materials Research Bulletin, 1987, 22, 467-476.	5.2	18
43	Lattice and grain-boundary diffusion of As in Ni ₂ Si. Journal of Applied Physics, 2008, 104, .	2.5	18
44	Stability of the ultrafine-grained microstructure in silver processed by ECAP and HPT. Journal of Materials Science, 2013, 48, 4637-4645.	3.7	18
45	Highlighting material structure with transmission electron diffraction correlation coefficient maps. Ultramicroscopy, 2016, 163, 31-37.	1.9	18
46	Deformation behaviour of an AS21 alloy reinforced by short Saffil fibres and SiC particles. Journal of Materials Processing Technology, 2005, 162-163, 131-138.	6.3	17
47	Solute redistribution during annealing of a cold rolled Cu-Ag alloy. Journal of Alloys and Compounds, 2015, 623, 96-103.	5.5	17
48	Photocatalytic and Gas Sensitive Multiwalled Carbon Nanotube/TiO ₂ -ZnO and ZnO-TiO ₂ Composites Prepared by Atomic Layer Deposition. Nanomaterials, 2020, 10, 252.	4.1	17
49	A peak-to-background method for electron-probe x-ray microanalysis applied to individual small particles. X-Ray Spectrometry, 1992, 21, 183-190.	1.4	16
50	Fabrication and transport properties of thin films of quasicrystals. Journal of Alloys and Compounds, 2002, 342, 2-6.	5.5	16
51	Crystallization behavior of Fe ₆₂ Nb ₈ Zr B30 bulk amorphous alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 375-377, 789-793.	5.6	16
52	Delayed microstructural recovery in silver processed by equal-channel angular pressing. Journal of Materials Science, 2008, 43, 5672-5676.	3.7	16
53	A distinct sequence in the adenine nucleotide translocase from <i>Artemia franciscana</i> embryos is associated with insensitivity to bongkrekate and atypical effects of adenine nucleotides on Ca ²⁺ uptake and sequestration. FEBS Journal, 2011, 278, 822-836.	4.7	16
54	Growth of amorphous SiC film on Si by means of ion beam induced mixing. Applied Surface Science, 2012, 263, 367-372.	6.1	16

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55	Network structure and thermal properties of bioactive (SiO ₂ -CaO-Na ₂ O-P ₂ O ₅) glasses. Journal of Materials Science, 2020, 55, 2303-2320.	3.7	16
56	Initial formation and growth of an amorphous phase in Al-Pt thin films and multilayers: Role of diffusion. Journal of Applied Physics, 2001, 90, 3899-3904.	2.5	15
57	Ultra-Low Thermal Conductivity in Nanoscale Layered Oxides. Journal of Heat Transfer, 2010, 132, .	2.1	15
58	Microstructure evolution in a nanocrystalline CoCrFeNi multi-principal element alloy during annealing. Materials Characterization, 2021, 171, 110807.	4.4	15
59	Asymmetric transient enhanced intermixing in Pt/Ti. Journal of Applied Physics, 2007, 101, 043502.	2.5	14
60	Effect of Mo on stability of quasicrystalline phase in Al-Mn-Fe alloy. Journal of Alloys and Compounds, 2014, 586, S395-S399.	5.5	14
61	The influence of artificial aging on the microstructure and hardness of an Al-Zn-Mg-Zr alloy processed by equal-channel angular pressing. Journal of Materials Science, 2019, 54, 10918-10928.	3.7	14
62	Evolution of microstructure and hardness during artificial aging of an ultrafine-grained Al-Zn-Mg-Zr alloy processed by high pressure torsion. Journal of Materials Science, 2020, 55, 16791-16805.	3.7	14
63	Diffusion coefficient of Al in metastable, amorphous Al-Pt phase. Applied Physics Letters, 1998, 73, 3220-3222.	3.3	13
64	Nano-icosahedral Al-Mn-Ce phases: structure and local configurations. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2000, 294-296, 82-85.	5.6	13
65	Formation of metastable phases during heat treatment of multilayers in the Al-Pt system. Journal of Applied Physics, 2001, 90, 6545-6547.	2.5	13
66	CMOS-Compatible Contacts to n-InP. IEEE Transactions on Electron Devices, 2017, 64, 4408-4414.	3.0	13
67	The nucleation and growth of intermetallic Al-Pt phases in co-deposited thin films. Thin Solid Films, 2003, 433, 78-81.	1.8	12
68	Al-Pb nanocomposites made by mechanical alloying and consolidation. Current Applied Physics, 2006, 6, 131-134.	2.4	12
69	Phase formation in the Ni/InP contacts for heterogeneous III/V-silicon photonic integration. Microelectronic Engineering, 2016, 156, 86-90.	2.4	12
70	Influence of 20% MeV electron irradiation on the optical properties and phase composition of SiO _x thin films. Journal of Applied Physics, 2018, 123, 195303.	2.5	12
71	Dissolution of GGG single crystal spheres in acids. Journal of Crystal Growth, 1985, 71, 191-196.	1.5	11
72	Effect of relative L-line intensity ratios on the accuracy of standardless x-ray microanalysis. X-Ray Spectrometry, 1987, 16, 33-36.	1.4	11

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73	ProcessDiffraction VI.2: New possibilities in manipulating electron diffraction ring patterns. Microscopy and Microanalysis, 2001, 7, 372-373.	0.4	11
74	Time resolved x-ray reflectivity study of interfacial reactions inCuâ•Mgthin films during heat treatment. Physical Review B, 2007, 75, .	3.2	11
75	Crystallisation of Amorphous Germanium Thin Films. Journal of Nanoscience and Nanotechnology, 2009, 9, 3013-3019.	0.9	11
76	Stored energy in nanocrystalline Ni-Mo films processed by electrodeposition. Journal of Alloys and Compounds, 2019, 796, 307-313.	5.5	11
77	Influence of Molybdenum on the Microstructure, Mechanical Properties and Corrosion Resistance of Ti20Ta20Nb20(ZrHf)20â•xMox (Where: x = 0, 5, 10, 15, 20) High Entropy Alloys. Materials, 2022, 15, 393.	2.9	11
78	Physiological Effect of Accidental Fly Ash Deposition on Plants and Chemical Study of the Dusted Plant Leaves by XRF and EPMA. X-Ray Spectrometry, 1996, 25, 167-172.	1.4	10
79	Ion beam mixing by focused ion beam. Journal of Applied Physics, 2007, 102, 053513.	2.5	10
80	Ellipsometric study of crystallization of amorphous Ge thin films embedded in SiO2. Thin Solid Films, 2008, 516, 4277-4281.	1.8	10
81	Growth of Ni layers on single crystal sapphire substrates. Thin Solid Films, 2013, 539, 96-101.	1.8	10
82	Indentation creep study on ultrafine-grained Zn processed by powder metallurgy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2014, 596, 170-175.	5.6	10
83	Microstructure, Hardness, and Elastic Modulus of a Multibeam-Sputtered Nanocrystalline Co-Cr-Fe-Ni Compositional Complex Alloy Film. Materials, 2021, 14, 3357.	2.9	10
84	Polarity dependent carbon enrichment on 6Hâ€“SiC{ } due to low energy ion bombardment. Surface Science, 2003, 526, L133-L136.	1.9	9
85	Effect of nano-quasicrystals on viscosity of a Zr-based bulk metallic glass. Scripta Materialia, 2008, 58, 291-294.	5.2	9
86	Producing metastable nanophase with sharp interface by means of focused ion beam irradiation. Journal of Applied Physics, 2009, 105, .	2.5	9
87	Nanocrystalline gold in Au-doped thin C60 films. Thin Solid Films, 1998, 335, 258-265.	1.8	8
88	Amorphous and partly ordered structures in SiO2 rich volcanic glasses. An ED study. European Journal of Mineralogy, 2006, 18, 745-752.	1.3	8
89	Relation between microstructure and hardness of nano-composite CrN/Si3N4 coatings obtained using CrSi single target magnetron system. Vacuum, 2013, 90, 170-175.	3.5	8
90	A Tool for Local Thickness Determination and Grain Boundary Characterization by CTEM and HRTEM Techniques. Microscopy and Microanalysis, 2015, 21, 422-435.	0.4	8

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91	Structure and Magnetic Properties of Nanocrystalline Fe ₅₅ Pd ₄₅ Processed by Sonoelectrodeposition. Journal of Electronic Materials, 2017, 46, 3720-3725.	2.2	8
92	Pattern Center and Distortion Determined from Faint, Diffuse Electron Diffraction Rings from Amorphous Materials. Microscopy and Microanalysis, 2017, 23, 647-660.	0.4	8
93	Phase formation sequence in the Ti/InP system during thin film solid-state reactions. Journal of Applied Physics, 2017, 121, .	2.5	8
94	Boron clustering in implanted NiSi. Scripta Materialia, 2011, 64, 828-831.	5.2	7
95	Growing imbedded Ni ₃ C-rich layer with sharp interfaces by means of ion beam mixing of C/Ni layers. Journal Physics D: Applied Physics, 2011, 44, 125405.	2.8	7
96	Correlation between microstructural evolution during high-pressure torsion and isothermal heat treatment of amorphous Al ₈₅ Gd ₈ Ni ₅ Co ₂ alloy. Journal of Materials Research, 2010, 25, 1388-1397.	2.6	6
97	Nanocrystallization in Al ₈₅ Ce ₈ Ni ₅ Co ₂ amorphous alloy obtained by different strain rate during high pressure torsion. Journal of Alloys and Compounds, 2010, 504, S91-S94.	5.5	6
98	Formation of NiGe through germanium oxide on Ge(0 0 1) substrate. Microelectronic Engineering, 2013, 107, 178-183.	2.4	6
99	Anomalous X-ray absorption of the M _L ± lines in the rare earth elements. X-Ray Spectrometry, 1994, 23, 19-26.	1.4	5
100	Glass forming ability and microstructure of Zr-Ti-Ni-Cu-Al and Zr-Ti-Ni-Cu-Ag melt spun ribbons. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 375-377, 260-264.	5.6	5
101	Influence of layer microstructure on the double nucleation process in Cu-Mg multilayers. Journal of Applied Physics, 2006, 100, 113522.	2.5	5
102	Measurement of As diffusivity in Ni ₂ Si thin films. Microelectronic Engineering, 2010, 87, 263-266.	2.4	5
103	Microstructure evolution during annealing of an SPD- processed supersaturated Cu - 3 at.% Ag alloy. IOP Conference Series: Materials Science and Engineering, 2014, 63, 012091.	0.6	5
104	Dissolution forms of rare-earth gallium-iron garnets. Journal of Crystal Growth, 1986, 79, 825-828.	1.5	4
105	Dynamic electron scattering distinguishes dodecahedral and tetrahedral crystallographic sites in garnet structure. Applied Physics Letters, 1999, 75, 70-72.	3.3	4
106	Reactive Diffusion in Al/Pt Films and the Determination of the Diffusion Coefficients of Al in Amorphous Al ₂ Pt. Defect and Diffusion Forum, 2001, 194-199, 807-814.	0.4	4
107	Formation of embedded Co nanoparticles by reaction in Al/Co multilayers and impact on phase sequence. Applied Physics Letters, 2004, 84, 2421-2423.	3.3	4
108	Thermal stability and glass forming ability of cast iron based C _i P _x B _{4.35} bulk amorphous alloys. Physica Status Solidi A, 2004, 201, 476-481.	1.7	4

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109	Dopant Effect On NiGe Texture During Nickel Germanide Growth. ECS Transactions, 2007, 6, 49-59.	0.5	4
110	Ellipsometric measurements of quantum confinement effects on higher interband transitions of Ge nanocrystals. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 888-891.	1.8	4
111	Effect of crystallization on the deformation behavior of a Zr-based bulk metallic glass. International Journal of Materials Research, 2009, 100, 439-442.	0.3	4
112	Microstructure and Thermal Stability of Copper - Carbon Nanotube Composites Consolidated by High Pressure Torsion. Materials Science Forum, 2012, 729, 228-233.	0.3	4
113	Determining Projections of Grain Boundaries from Diffraction Data in Transmission Electron Microscope. Microscopy and Microanalysis, 2016, 22, 551-564.	0.4	4
114	Electron powder diffraction. , 2019, , 102-117.		4
115	Study of the Ti/InGaAs solid-state reactions: Phase formation sequence and diffusion schemes. Materials Science in Semiconductor Processing, 2020, 113, 105038.	4.0	3
116	Thermal stability of nanocrystalline CoCrFeNi multi-principal element alloy: Effect of the degree of severe plastic deformation. Intermetallics, 2022, 142, 107445.	3.9	3
117	Comparison of backscatter loss calculations in electron probe microanalysis. Scanning, 1986, 8, 188-191.	1.5	2
118	A New Method for the Measurement of Thickness in Single Crystals. Micron, 1998, 29, 425-430.	2.2	2
119	Metal Clusters in Metal/C₆₀ Thin Film Nanosystems. Materials Science Forum, 2000, 321-324, 554-559.	0.3	2
120	On the formation of amorphous Al ₂ Pt phase in heat-treated multilayers and high temperature sequential deposition. Solid State Ionics, 2001, 141-142, 57-62.	2.7	2
121	Investigation of Noble Metal Nanoparticles (Ag, Au, Pd, Pt) Produced by Chemical Reduction. Materials Science Forum, 0, 659, 115-120.	0.3	2
122	Effect of Silicon Additions in CrSi (10, 20, 30, 40 at. % Si) Magnetron Targets on Microstructure of Reactively Deposited (Cr,Si)N Coatings. Solid State Phenomena, 2012, 186, 182-187.	0.3	2
123	Characterization of Grain Boundary Geometry in the TEM, Exemplified in Si Thin Films. Solid State Phenomena, 2012, 186, 7-12.	0.3	2
124	A Method for Complete Characterization of the Macroscopic Geometry of Grain Boundaries. Materials Science Forum, 0, 729, 97-102.	0.3	2
125	A Sequence of Phase Transformations and Phases in NiCoFeCrGa High Entropy Alloy. Materials, 2021, 14, 1076.	2.9	2
126	Nanocomposite Bulk of Mechanically Milled Alâ€Pb Samples Consolidated Pore-Free by the High-Energy Rate Forming Technique. Journal of Nanoscience and Nanotechnology, 2005, 5, 869-874.	0.9	2

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127	Stability of microstructure in silver processed by severe plastic deformation. International Journal of Materials Research, 2009, 100, 884-887.	0.3	2
128	Combinatorial Study of Phase Composition, Microstructure and Mechanical Behavior of Co-Cr-Fe-Ni Nanocrystalline Film Processed by Multiple-Beam-Sputtering Physical Vapor Deposition. Materials, 2022, 15, 2319.	2.9	2
129	Sc-Ion distribution and dissolution forms of ScGaYIG single crystals. Acta Physica Hungarica, 1987, 61, 239-242.	0.1	1
130	Dissolution forms of rare-earth gallium-aluminium garnets. Acta Physica Hungarica, 1991, 70, 197-201.	0.1	1
131	Relative transition probability of the M5-N3 radiative transitions for the rare earth elements. Journal Physics D: Applied Physics, 1993, 26, 972-978.	2.8	1
132	Electrical and microstructure analysis of Ni/Ge/n-GaAs interface. Thin Solid Films, 1998, 323, 212-216.	1.8	1
133	Sites are Separable in Garnets with ALCHEMI. Mikrochimica Acta, 2000, 132, 489-492.	5.0	1
134	Composition of a solid phase growing under nonequilibrium conditions. Journal of Applied Physics, 2000, 87, 7579-7582.	2.5	1
135	Glass-forming ability and thermal stability of Fe ₆₂ Nb ₈ xZrB ₃₀ and Fe ₇₂ Zr ₈ B ₂₀ amorphous alloys?. Open Physics, 2004, 2, .	1.7	1
136	Unique Features of Ultrafine-Grained Microstructures in Materials Having Low Stacking Fault Energy. Materials Science Forum, 2010, 659, 171-176.	0.3	1
137	Substrate-induced strain in carbon nanodisks. Thin Solid Films, 2014, 565, 111-115.	1.8	1
138	TEM analysis of Si thin films prepared by diode laser induced solid phase epitaxy at high temperatures. Materials Letters, 2014, 122, 37-40.	2.6	1
139	Micropillar Compression Study on the Deformation Behavior of Electrodeposited Ni-Mo Films. Coatings, 2020, 10, 205.	2.6	1
140	Effect of Coster-Kronig Transitions on X-Ray Generation. , 1991, , 219-222.		1
141	DiffMap: A new free computer program to process scanned electron diffraction patterns. Resolution and Discovery, 2022, , .	0.4	1
142	Dependence of Magnetic Properties on Copper Content in Finemet Type Thin Layers. Materials Science Forum, 1997, 235-238, 749-754.	0.3	0
143	Electrical and structural characterisation of NiGe n-GaAs interface. Vacuum, 1998, 50, 395-398.	3.5	0
144	Study of Garnets by ALCHEMI. Microscopy and Microanalysis, 2001, 7, 358-359.	0.4	0

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145	Phase Identification by Combining Local Composition from EDX with Information from Diffraction Database. , 2006, , 207-218.		0
146	Mitochondria from Artemia franciscana embryos exhibit a truncated form of ant, associated with atypical effects of its ligands on Ca ²⁺ uptake capacity and unique morphology of matrix Ca ²⁺ precipitates. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 142-143.	1.0	0
147	Simultaneous Measurements of Lattice and Grain Boundary Diffusion Coefficients via 2-Dimensional Simulations. Defect and Diffusion Forum, 2010, 297-301, 978-983.	0.4	0
148	EMAS 2011: 12th European Workshop on Modern Developments in Microbeam Analysis. IOP Conference Series: Materials Science and Engineering, 2012, 32, 011001.	0.6	0
149	Whole profile fitting to electron diffraction patterns from nanocrystalline powders. Acta Crystallographica Section A: Foundations and Advances, 2004, 60, s76-s76.	0.3	0
150	Electron diffraction analysis of amorphous geological materials. Acta Crystallographica Section A: Foundations and Advances, 2007, 63, s274-s275.	0.3	0
151	Contamination in Analytical Electron Microscopy and in ALCHEMI. , 1998, , 65-71.		0
152	Role of Electron Powder Diffraction in Solving Structures. , 2006, , 185-195.		0