JÃ¡nos L LÃ¡bÃ¡r

List of Publications by Year
in descending order

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152	2,941	186265	214800
papers	citations	28 h-index	47 g-index

155	155	155	3406
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thermal stability of nanocrystalline CoCrFeNi multi-principal element alloy: Effect of the degree of severe plastic deformation. Intermetallics, 2022, 142, 107445.	3.9	3
2	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
3	DiffMap: A new free computer program to process scanned electron diffraction patterns. Resolution and Discovery, 2022, , .	0.4	1
4	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
5	Microstructure evolution in a nanocrystalline CoCrFeNi multi-principal element alloy during annealing. Materials Characterization, 2021, 171, 110807.	4.4	15
6	A Sequence of Phase Transformations and Phases in NiCoFeCrGa High Entropy Alloy. Materials, 2021, 14, 1076.	2.9	2
7	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
8	Ultralow-temperature superplasticity and its novel mechanism in ultrafine-grained Al alloys. Materials Research Letters, 2021, 9, 475-482.	8.7	21
9	Network structure and thermal properties of bioactive (SiO2â€“CaOâ€“Na2Oâ€“P2O5) glasses. Journal of Materials Science, 2020, 55, 2303-2320.	3.7	16
10	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
11	Thermal stability of a nanocrystalline HfNbTiZr multi-principal element alloy processed by high-pressure torsion. Materials Characterization, 2020, 168, 110550.	4.4	19
12	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
13	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
14	Micropillar Compression Study on the Deformation Behavior of Electrodeposited Niâ€“Mo Films. Coatings, 2020, 10, 205.	2.6	1
15	Processing and characterization of a multibeam sputtered nanocrystalline CoCrFeNi high-entropy alloy film. Surface and Coatings Technology, 2020, 386, 125465.	4.8	32
16	Photocatalytic and Gas Sensitive Multiwalled Carbon Nanotube/TiO2-ZnO and ZnO-TiO2 Composites Prepared by Atomic Layer Deposition. Nanomaterials, 2020, 10, 252.	4.1	17
17	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
18	Stored energy in nanocrystalline Ni-Mo films processed by electrodeposition. Journal of Alloys and Compounds, 2019, 796, 307-313.	5.5	11

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19	The influence of artificial aging on the microstructure and hardness of an Alâ€“Znâ€“Mgâ€“Zr alloy processed by equal-channel angular pressing. Journal of Materials Science, 2019, 54, 10918-10928.	3.7	14
20	Evolution of microstructure and hardness in Hf25Nb25Ti25Zr25 high-entropy alloy during high-pressure torsion. Journal of Alloys and Compounds, 2019, 788, 318-328.	5.5	37
21	Electron powder diffraction. , 2019, , 102-117.		4
22	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
23	Influence of 20â€‰MeV electron irradiation on the optical properties and phase composition of SiOx thin films. Journal of Applied Physics, 2018, 123, 195303.	2.5	12
24	Structure and Magnetic Properties of Nanocrystalline Fe55Pd45 Processed by Sonoelectrodeposition. Journal of Electronic Materials, 2017, 46, 3720-3725.	2.2	8
25	Pattern Center and Distortion Determined from Faint, Diffuse Electron Diffraction Rings from Amorphous Materials. Microscopy and Microanalysis, 2017, 23, 647-660.	0.4	8
26	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
27	CMOS-Compatible Contacts to n-InP. IEEE Transactions on Electron Devices, 2017, 64, 4408-4414.	3.0	13
28	Photocatalytic C60-amorphous TiO2 composites prepared by atomic layer deposition. Applied Surface Science, 2017, 419, 497-502.	6.1	36
29	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
30	Phase formation sequence in the Ti/InP system during thin film solid-state reactions. Journal of Applied Physics, 2017, 121, .	2.5	8
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	Phase formation in the Ni/nâ€“InP contacts for heterogeneous III/V-silicon photonic integration. Microelectronic Engineering, 2016, 156, 86-90.	2.4	12
33	Determining Projections of Grain Boundaries from Diffraction Data in Transmission Electron Microscope. Microscopy and Microanalysis, 2016, 22, 551-564.	0.4	4
34	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
35	Highlighting material structure with transmission electron diffraction correlation coefficient maps. Ultramicroscopy, 2016, 163, 31-37.	1.9	18
36	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

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37	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
38	Solute redistribution during annealing of a cold rolled Cuâ€“Ag alloy. Journal of Alloys and Compounds, 2015, 623, 96-103.	5.5	17
39	Substrate-induced strain in carbon nanodisks. Thin Solid Films, 2014, 565, 111-115.	1.8	1
40	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
41	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
42	High glass forming ability correlated with microstructure and hydrogen storage properties of a Mgâ€“Cuâ€“Agâ€“Y glass. International Journal of Hydrogen Energy, 2014, 39, 9230-9240.	7.1	21
43	Dominantly epitaxial growth of graphene on Ni (1 1 1) substrate. Applied Surface Science, 2014, 314, 490-499.	6.1	27
44	Effect of Mo on stability of quasicrystalline phase in Alâ€“Mnâ€“Fe alloy. Journal of Alloys and Compounds, 2014, 586, S395-S399.	5.5	14
45	Microstructure evolution during annealing of an SPD- processed supersaturated Cu â€“ 3 at.% Ag alloy. IOP Conference Series: Materials Science and Engineering, 2014, 63, 012091.	0.6	5
46	Stability of the ultrafine-grained microstructure in silver processed by ECAP and HPT. Journal of Materials Science, 2013, 48, 4637-4645.	3.7	18
47	Formation of NiGe through germanium oxide on Ge(0 0 1) substrate. Microelectronic Engineering, 2013, 107, 178-183.	2.4	6
48	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
49	High temperature thermal stability of pure copper and copperâ€“carbon nanotube composites consolidated by High Pressure Torsion. Composites Part A: Applied Science and Manufacturing, 2013, 51, 71-79.	7.6	62
50	Evolution of size and shape of gold nanoparticles during long-time aging. Materials Chemistry and Physics, 2013, 138, 449-453.	4.0	29
51	Growth of Ni layers on single crystal sapphire substrates. Thin Solid Films, 2013, 539, 96-101.	1.8	10
52	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
53	Microstructure and Thermal Stability of Copper - Carbon Nanotube Composites Consolidated by High Pressure Torsion. Materials Science Forum, 2012, 729, 228-233.	0.3	4
54	Characterization of Grain Boundary Geometry in the TEM, Exemplified in Si Thin Films. Solid State Phenomena, 2012, 186, 7-12.	0.3	2

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55	EMAS 2011: 12th European Workshop on Modern Developments in Microbeam Analysis. IOP Conference Series: Materials Science and Engineering, 2012, 32, 011001.	0.6	0
56	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
57	Growth of amorphous SiC film on Si by means of ion beam induced mixing. Applied Surface Science, 2012, 263, 367-372.	6.1	16
58	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
59	Revealing the grain structure of graphene grown by chemical vapor deposition. Applied Physics Letters, 2011, 99, .	3.3	70
60	A distinct sequence in the adenine nucleotide translocase from Artemiaâ€ƒfranciscana embryos is associated with insensitivity to bongkrekate and atypical effects of adenine nucleotides on Ca²⁺ uptake and sequestration. FEBS Journal, 2011, 278, 822-836.	4.7	16
61	Boron clustering in implanted NiSi. Scripta Materialia, 2011, 64, 828-831.	5.2	7
62	Microstructure and hardness of copperâ€“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
63	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
64	Growing imbedded Ni3C-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
65	Correlation between microstructural evolution during high-pressure torsion and isothermal heat treatment of amorphous Al₈₅Gd₈Ni₅Co₂ alloy. Journal of Materials Research, 2010, 25, 1388-1397.	2.6	6
66	Mitochondria from Artemia franciscana embryos exhibit a truncated form of ant, associated with atypical effects of its ligands on Ca2+ uptake capacity and unique morphology of matrix Ca2+ precipitates. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 142-143.	1.0	0
67	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
68	Measurement of As diffusivity in Ni2Si thin films. Microelectronic Engineering, 2010, 87, 263-266.	2.4	5
69	Unique Features of Ultrafine-Grained Microstructures in Materials Having Low Stacking Fault Energy. Materials Science Forum, 2010, 659, 171-176.	0.3	1
70	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
71	Ultra-Low Thermal Conductivity in Nanoscale Layered Oxides. Journal of Heat Transfer, 2010, 132, .	2.1	15
72	Nanocrystallization in Al85Ce8Ni5Co2 amorphous alloy obtained by different strain rate during high pressure torsion. Journal of Alloys and Compounds, 2010, 504, S91-S94.	5.5	6

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73	Crystallisation of Amorphous Germanium Thin Films. Journal of Nanoscience and Nanotechnology, 2009, 9, 3013-3019.	0.9	11
74	Twinning and dislocation activity in silver processed by severe plastic deformation. Journal of Materials Science, 2009, 44, 1656-1660.	3.7	24
75	Correlation between microstructure and mechanical properties of severely deformed metals. Journal of Alloys and Compounds, 2009, 483, 271-274.	5.5	88
76	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
77	Producing metastable nanophase with sharp interface by means of focused ion beam irradiation. Journal of Applied Physics, 2009, 105, .	2.5	9
78	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
79	Stability of microstructure in silver processed by severe plastic deformation. International Journal of Materials Research, 2009, 100, 884-887.	0.3	2
80	Ellipsometric study of crystallization of amorphous Ge thin films embedded in SiO2. Thin Solid Films, 2008, 516, 4277-4281.	1.8	10
81	Delayed microstructural recovery in silver processed by equal-channel angular pressing. Journal of Materials Science, 2008, 43, 5672-5676.	3.7	16
82	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
83	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
84	Effect of nano-quasicrystals on viscosity of a Zr-based bulk metallic glass. Scripta Materialia, 2008, 58, 291-294.	5.2	9
85	Microstructure and yield strength of severely deformed silver. Scripta Materialia, 2008, 58, 775-778.	5.2	51
86	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
87	Lattice and grain-boundary diffusion of As in Ni2Si. Journal of Applied Physics, 2008, 104, .	2.5	18
88	High pressure torsion of amorphous Cu60Zr30Ti10 alloy. Journal of Applied Physics, 2008, 104, .	2.5	42
89	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
90	Time resolved x-ray reflectivity study of interfacial reactions inCuâ•Mgthin films during heat treatment. Physical Review B, 2007, 75, .	3.2	11

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91	Dopant Effect On NiGe Texture During Nickel Germanide Growth. ECS Transactions, 2007, 6, 49-59.	0.5	4
92	Ion beam mixing by focused ion beam. Journal of Applied Physics, 2007, 102, 053513.	2.5	10
93	Asymmetric transient enhanced intermixing in Pt/Ti. Journal of Applied Physics, 2007, 101, 043502.	2.5	14
94	Electron diffraction analysis of amorphous geological materials. Acta Crystallographica Section A: Foundations and Advances, 2007, 63, s274-s275.	0.3	0
95	Phase Identification by Combining Local Composition from EDX with Information from Diffraction Database. , 2006, , 207-218.		0
96	Amorphous and partly ordered structures in SiO2 rich volcanic glasses. An ED study. European Journal of Mineralogy, 2006, 18, 745-752.	1.3	8
97	Alâ€“Pb nanocomposites made by mechanical alloying and consolidation. Current Applied Physics, 2006, 6, 131-134.	2.4	12
98	A comparative study of nickel silicides and nickel germanides: Phase formation and kinetics. Microelectronic Engineering, 2006, 83, 2101-2106.	2.4	40
99	Nanostructure of atmospheric soot particles. Atmospheric Environment, 2006, 40, 5533-5542.	4.1	51
100	Partial amorphization of a Cuâ€“Zrâ€“Ti alloy by high pressure torsion. Journal of Applied Physics, 2006, 100, 103522.	2.5	44
101	Influence of layer microstructure on the double nucleation process in Cuâ•Mg multilayers. Journal of Applied Physics, 2006, 100, 113522.	2.5	5
102	Simultaneous growth of Ni5Ge3 and NiGe by reaction of Ni film with Ge. Applied Physics Letters, 2006, 89, 131920.	3.3	49
103	Role of Electron Powder Diffraction in Solving Structures. , 2006, , 185-195.		0
104	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
105	Consistent indexing of a (set of) single crystal SAED pattern(s) with the ProcessDiffraction program. Ultramicroscopy, 2005, 103, 237-249.	1.9	278
106	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
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	Glass-forming ability and thermal stability of Fe62Nb8â^'xZrxB30 and Fe72Zr8B20 amorphous alloys?. Open Physics, 2004, 2, .	1.7	1

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109	Crystallization behavior of Fe62Nb8â˜Zr B30 bulk amorphous alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 375-377, 789-793.	5.6	16
110	Thermal stability and glass forming ability of cast iron based CiPxB4.35 bulk amorphous alloys. Physica Status Solidi A, 2004, 201, 476-481.	1.7	4
111	Glass forming ability and microstructure of Zrâ€“Tiâ€“Niâ€“Cuâ€“Al and Zrâ€“Tiâ€“Niâ€“Cuâ€“Ag melt spun ribbons. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 375-377, 260-264.	5.6	5
112	Whole profile fitting to electron diffraction patterns from nanocrystalline powders. Acta Crystallographica Section A: Foundations and Advances, 2004, 60, s76-s76.	0.3	0
113	Polarity dependent carbon enrichment on 6Hâ€“SiC{} due to low energy ion bombardment. Surface Science, 2003, 526, L133-L136.	1.9	9
114	The nucleation and growth of intermetallic Alâ€“Pt phases in co-deposited thin films. Thin Solid Films, 2003, 433, 78-81.	1.8	12
115	Fabrication and transport properties of thin films of quasicrystals. Journal of Alloys and Compounds, 2002, 342, 2-6.	5.5	16
116	Study of Garnets by ALCHEMI. Microscopy and Microanalysis, 2001, 7, 358-359.	0.4	0
117	ProcessDiffraction VI.2: New possibilities in manipulating electron diffraction ring patterns. Microscopy and Microanalysis, 2001, 7, 372-373.	0.4	11
118	On the formation of amorphous Al2Pt phase in heat-treated multilayers and high temperature sequential deposition. Solid State Ionics, 2001, 141-142, 57-62.	2.7	2
119	Reactive Diffusion in Al/Pt Films and the Determination of the Diffusion Coefficients of Al in Amorphous Al₂Pt. Defect and Diffusion Forum, 2001, 194-199, 807-814.	0.4	4
120	Initial formation and growth of an amorphous phase in Alâ€“Pt thin films and multilayers: Role of diffusion. Journal of Applied Physics, 2001, 90, 3899-3904.	2.5	15
121	Formation of metastable phases during heat treatment of multilayers in the Alâ€“Pt system. Journal of Applied Physics, 2001, 90, 6545-6547.	2.5	13
122	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
123	Nano-icosahedral Alâ€“Mnâ€“Ce phases: structure and local configurations. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2000, 294-296, 82-85.	5.6	13
124	Sites are Separable in Garnets with ALCHEMI. Mikrochimica Acta, 2000, 132, 489-492.	5.0	1
125	Composition of a solid phase growing under nonequilibrium conditions. Journal of Applied Physics, 2000, 87, 7579-7582.	2.5	1
126	Metal Clusters in Metal/C₆₀ Thin Film Nanosystems. Materials Science Forum, 2000, 321-324, 554-559.	0.3	2

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127	Dynamic electron scattering distinguishes dodecahedral and tetrahedral crystallographic sites in garnet structure. Applied Physics Letters, 1999, 75, 70-72.	3.3	4
128	Electrical and structural characterisation of NiGe n-GaAs interface. Vacuum, 1998, 50, 395-398.	3.5	0
129	Electrical and microstructure analysis of Ni/Ge/n-GaAs interface. Thin Solid Films, 1998, 323, 212-216.	1.8	1
130	Nanocrystalline gold in Au-doped thin C60 films. Thin Solid Films, 1998, 335, 258-265.	1.8	8
131	A New Method for the Measurement of Thickness in Single Crystals. Micron, 1998, 29, 425-430.	2.2	2
132	Diffusion coefficient of Al in metastable, amorphous Alâ€“Pt phase. Applied Physics Letters, 1998, 73, 3220-3222.	3.3	13
133	Contamination in Analytical Electron Microscopy and in ALCHEMI. , 1998, , 65-71.		0
134	Dependence of Magnetic Properties on Copper Content in Finemet Type Thin Layers. Materials Science Forum, 1997, 235-238, 749-754.	0.3	0
135	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
136	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
137	Anomalous X-ray absorption of the MÎ± lines in the rare earth elements. X-Ray Spectrometry, 1994, 23, 19-26.	1.4	5
138	Relative transition probability of the M5-N3radiative transitions for the rare earth elements. Journal Physics D: Applied Physics, 1993, 26, 972-978.	2.8	1
139	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
140	Dissolution forms of rare-earth gallium-aluminium garnets. Acta Physica Hungarica, 1991, 70, 197-201.	0.1	1
141	Effect of Coster-Kronig Transitions on X-Ray Generation. , 1991, , 219-222.		1
142	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
143	Growth and characterization of Ba(Mn, Ti)xFe12â^'xO19 crystals. Materials Research Bulletin, 1987, 22, 467-476.	5.2	18
144	Sc-Ion distribution and dissolution forms of ScGaYIG single crystals. Acta Physica Hungarica, 1987, 61, 239-242.	0.1	1

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145	Dissolution forms of rare-earth gallium-iron garnets. Journal of Crystal Growth, 1986, 79, 825-828.	1.5	4
146	Comparison of backscatter loss calculations in electron probe microanalysis. Scanning, 1986, 8, 188-191.	1.5	2
147	Dissolution of GGG single crystal spheres in acids. Journal of Crystal Growth, 1985, 71, 191-196.	1.5	11
148	Investigation of garnet formation by sintering of Y2O3 and Fe2O3. Journal of Magnetism and Magnetic Materials, 1984, 41, 75-78.	2.3	38
149	The dissolution forms of YIG single crystal spheres. Journal of Crystal Growth, 1983, 65, 562-567.	1.5	18
150	Microstructure and Mechanical Behavior of Ultrafine-Grained Titanium. Materials Science Forum, 0, 589, 99-104.	0.3	23
151	Investigation of Noble Metal Nanoparticles (Ag, Au, Pd, Pt) Produced by Chemical Reduction. Materials Science Forum, 0, 659, 115-120.	0.3	2
152	A Method for Complete Characterization of the Macroscopic Geometry of Grain Boundaries. Materials Science Forum, 0, 729, 97-102.	0.3	2