

Livio Amaral

List of Publications by Year in descending order

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145
papers

1,387
citations

393982

19
h-index

500791

28
g-index

146
all docs

146
docs citations

146
times ranked

1391
citing authors

#	ARTICLE	IF	CITATIONS
1	The potentialities of ultrasound as an alternative to chemical etching for proton beam writing micropatterning. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	1
2	Variance of elemental concentrations of organic products: the case of Brazilian coffee. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2021, 486, 18-21.	0.6	6
3	Elemental concentration of tomato paste and respective packages through particle-induced X-ray emission. <i>Journal of Food Composition and Analysis</i> , 2021, 97, 103770.	1.9	3
4	Políticas públicas para redução de assimetrias e a pós-graduação na Região da Amazônia Legal/Brasil. <i>Research, Society and Development</i> , 2021, 10, .	0.0	1
5	Long-term variations of the elemental concentration of table cream. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2020, 477, 159-162.	0.6	1
6	Signature of the Himalayan salt. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2020, 477, 150-153.	0.6	5
7	Elemental extraction factor from ground to drinking coffee as a function of the water temperature. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2020, 477, 154-158.	0.6	2
8	Multi/inter/transdisciplinary assessment: A systemic framework proposal to evaluate graduate courses and research teams. <i>Research Evaluation</i> , 2019, 28, 23-36.	1.3	7
9	Elemental analysis of Brazilian coffee with ion beam techniques: From ground coffee to the final beverage. <i>Food Research International</i> , 2019, 119, 297-304.	2.9	30
10	Au and Ag ion irradiation effects on the carbide precipitation and Ar bubble formation in solubilized AISI 316L alloys. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2019, 458, 174-178.	0.6	7
11	Investigation of pesticide exposure by genotoxicological, biochemical, genetic polymorphic and in silico analysis. <i>Ecotoxicology and Environmental Safety</i> , 2019, 179, 135-142.	2.9	20
12	The influence of the winemaking process on the elemental composition of the Marselan red wine. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 4642-4650.	1.7	7
13	Changes in the element concentration of the dorsal hippocampus CA1 region during memory consolidation and reconsolidation. <i>Journal of Chemical Neuroanatomy</i> , 2018, 90, 49-56.	1.0	1
14	Characterization of Brazilian ammunitions and their respective gunshot residues with ion beam techniques. <i>Forensic Chemistry</i> , 2018, 7, 94-102.	1.7	9
15	Evaluation of detector efficiency through GUPIXWIN H value. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2018, 417, 56-59.	0.6	10
16	Considerations about projectile and target X-rays induced during heavy ion bombardment. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2018, 417, 19-25.	0.6	4
17	Rubidium in the elemental composition of Brazilian coffee. <i>International Journal of PIXE</i> , 2018, 28, 35-42.	0.4	2
18	Influence of Ar Implantation on the Precipitation in Au Ion Irradiated AISI 316L Solution Annealed Alloy. <i>MRS Advances</i> , 2018, 3, 1799-1805.	0.5	7

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19	Elemental characterization of food and beverages carried out at Ion Implantation Laboratory: a review. <i>International Journal of PIXE</i> , 2018, 28, 13-19.	0.4	0
20	Blood Trace Element Concentrations in Polycystic Ovary Syndrome: Systematic Review and Meta-analysis. <i>Biological Trace Element Research</i> , 2017, 175, 254-262.	1.9	29
21	Effects of Supplemental Acerola Juice on the Mineral Concentrations in Liver and Kidney Tissue Samples of Mice Fed with Cafeteria Diet. <i>Biological Trace Element Research</i> , 2015, 167, 70-76.	1.9	5
22	Elemental quantification of large gunshot residues. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 348, 170-173.	0.6	7
23	The role of micro-NRA and micro-PIXE in carbon mapping of organic tissues. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 348, 160-164.	0.6	1
24	Elemental characterization of injuries in fish liver. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2014, 318, 83-87.	0.6	4
25	Ion beam analysis of ground coffee and roasted coffee beans. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2014, 318, 202-206.	0.6	16
26	Bioaccumulation of trace elements in hepatic and renal tissues of the white mullet <i>Mugil curema Valenciennes, 1836 (Actinopterygii, Mugilidae)</i> in two coastal systems in southeastern Brazil. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2014, 318, 94-98.	0.6	10
27	Elemental concentrations in kidney and liver of mice fed with cafeteria or standard diet determined by particle induced X-ray emission. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2014, 318, 198-201.	0.6	1
28	Electronic behavior of micro-structured polymer foils immersed in electrolyte. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 306, 222-226.	0.6	4
29	Elemental characterization of Brazilian canned tuna fish using particle induced X-ray emission (PIXE). <i>Journal of Food Composition and Analysis</i> , 2013, 30, 19-25.	1.9	26
30	Use of STIM for morphological studies of microstructured polymer foils. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 306, 99-103.	0.6	6
31	Study of the elemental composition of wine stoppers using PIXE. <i>X-Ray Spectrometry</i> , 2013, 42, 158-164.	0.9	4
32	Lattice strain distribution resolved by X-ray Bragg-surface diffraction in an Si matrix distorted by embedded FeSi_2 nanoparticles. <i>Journal of Applied Crystallography</i> , 2013, 46, 1796-1804.	1.9	9
33	Agglomeration defects on irradiated carbon nanotubes. <i>AIP Advances</i> , 2012, 2, 012174.	0.6	2
34	Nanoporous Aluminum Oxide Thin Films on Si Substrate: Structural Changes as a Function of Interfacial Stress. <i>Journal of Physical Chemistry C</i> , 2011, 115, 7621-7627.	1.5	18
35	Micro and Nano-Texturization of Intermetallic Oxide Alloys by a Single Anodization Step: Preparation of Artificial Self-Cleaning Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 3981-3987.	4.0	20
36	Valence Evaluation of Cerium in Nanocrystalline CeO_2 Films Electrodeposited on Si Substrates. <i>Journal of the Electrochemical Society</i> , 2011, 159, K27-K33.	1.3	31

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37	Anisotropy of Magnetization and Nanocrystalline Texture in Electrodeposited CeO ₂ Films. <i>Electrochemical and Solid-State Letters</i> , 2011, 14, P9.	2.2	18
38	Elemental characterisation of Cabernet Sauvignon wines using Particle-Induced X-ray Emission (PIXE). <i>Food Chemistry</i> , 2010, 121, 244-250.	4.2	33
39	The influence of aluminum grain size on alumina nanoporous structure. <i>Journal of Applied Physics</i> , 2010, 107, 026103.	1.1	22
40	Ferromagnetism induced by oxygen and cerium vacancies above the percolation limit in CeO ₂ . <i>Journal of Physics Condensed Matter</i> , 2010, 22, 216004.	0.7	59
41	X-ray Bragg-Surface Diffraction: A Tool to Study In-Plane Strain Anisotropy Due to Ion-Beam-Induced Epitaxial Crystallization in Fe+-Implanted Si(001). <i>Crystal Growth and Design</i> , 2010, 10, 4363-4369.	1.4	4
42	Adjustable Hydrophobicity of Al Substrates by Chemical Surface Functionalization of Nano/Microstructures. <i>Journal of Physical Chemistry C</i> , 2010, 114, 13219-13225.	1.5	61
43	Indirect optical absorption and origin of the emission from \hat{I}^2 -FeSi ₂ nanoparticles: Bound exciton (0.809) Tj ETQq1 $\frac{1}{1.1}$ 0.784314 $\frac{1}{11}$ rgBT / Qv	1.1	11
44	Synchrotron x-ray multiple diffraction in the study of Fe+ion implantation in Si(O \hat{a} %O \hat{a} %1). <i>Journal Physics D: Applied Physics</i> , 2009, 42, 195401.	1.3	7
45	Biomonitoring study of seasonal anthropogenic influence at the Itamambuca beach (SP, Brazil). <i>Nuclear Instruments & Methods in Physics Research B</i> , 2009, 267, 1960-1964.	0.6	12
46	Atomic level mixing induced by Kr irradiation of FeCo \hat{a} •Cu multilayers. <i>Journal of Applied Physics</i> , 2008, 103, 033505.	1.1	1
47	Influence of iron on mineral status of two rice (<i>Oryza sativa</i> L.) cultivars. <i>Brazilian Journal of Plant Physiology</i> , 2007, 19, 127-139.	0.5	54
48	Magnetic and structural behavior of FeCo/Cu multilayers submitted to Kr irradiation. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007, 257, 424-427.	0.6	4
49	Nanocavities induced by neon Plasma Based Ion Implantation in silicon. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007, 257, 750-752.	0.6	5
50	Polymerization of Carbon Nanotubes through Self-Irradiation. <i>Journal of Physical Chemistry B</i> , 2006, 110, 23215-23220.	1.2	16
51	Photoluminescence behavior of silicon nanocrystals produced by hot implantation in SiO ₂ . <i>Nuclear Instruments & Methods in Physics Research B</i> , 2006, 242, 109-113.	0.6	2
52	Characterization of neon cavity in silicon. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2006, 242, 494-497.	0.6	2
53	Ion beam effects on the morphology and crystalline structure of Fe ₇₀ Co ₃₀ /Cu multilayers. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2006, 249, 129-131.	0.6	3
54	Formation of neon induced cavities in silicon by plasma based ion implantation. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2006, 249, 193-195.	0.6	2

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55	The excitation power density effect on the Si nanocrystals photoluminescence. Nuclear Instruments & Methods in Physics Research B, 2006, 250, 178-182.	0.6	1
56	Damage accumulation in neon implanted silicon. Journal of Applied Physics, 2006, 100, 043505.	1.1	27
57	Molecular dynamics simulation of silicon nanostructures. Nuclear Instruments & Methods in Physics Research B, 2005, 228, 37-40.	0.6	25
58	Residual activity induced by ion bombardment on insulating samples. Nuclear Instruments & Methods in Physics Research B, 2005, 240, 297-302.	0.6	9
59	Considerations about PIXE analysis under channeling conditions. Nuclear Instruments & Methods in Physics Research B, 2005, 240, 321-326.	0.6	0
60	A New Approach to Study the Damage Induced by Inert Gases Implantation in Silicon. Solid State Phenomena, 2005, 108-109, 357-364.	0.3	0
61	Photoluminescence behavior of Si nanocrystals as a function of the implantation temperature and excitation power density. Journal of Applied Physics, 2005, 98, 034312.	1.1	12
62	Channeling on Carbon Nanotubes: A Molecular Dynamics Approach. Journal of Physical Chemistry B, 2005, 109, 13515-13518.	1.2	29
63	The influence of the implantation temperature on the photoluminescence characteristics of Si nanocrystals embedded into SiO ₂ matrix. Nuclear Instruments & Methods in Physics Research B, 2004, 218, 405-409.	0.6	12
64	TEM and PL characterization of erbium and oxygen co-implanted LT-GaAs:Be. Nuclear Instruments & Methods in Physics Research B, 2004, 218, 444-450.	0.6	0
65	Diffusion of Bi, Er and Eu implanted into S1813 photoresist. Nuclear Instruments & Methods in Physics Research B, 2004, 215, 90-98.	0.6	1
66	Characterization of neon implantation damage in silicon. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 112, 111-115.	1.7	11
67	Photoluminescence from Si nanocrystals induced by high-temperature implantation in SiO ₂ . Journal of Applied Physics, 2004, 95, 5053-5059.	1.1	13
68	Structural modifications in Fe _x Co _{1-x} Cu multilayers induced by ion irradiation. Journal of Applied Physics, 2004, 96, 1469-1474.	1.1	6
69	Creation of noble metal nanoclusters in bismuth tellurite. Nuclear Instruments & Methods in Physics Research B, 2003, 206, 653-656.	0.6	0
70	Formation of coherent gold nanoclusters in lithium niobate. Nuclear Instruments & Methods in Physics Research B, 2002, 191, 478-481.	0.6	2
71	Diffusion of Ag implanted into the AZ1350 photoresist. Nuclear Instruments & Methods in Physics Research B, 2002, 191, 690-694.	0.6	6
72	The BCC to FCC/HCP phase transformation of the Co ₇₀ Fe ₃₀ alloy produced by ion irradiation of Co ₇₀ Fe ₃₀ /Cu discontinuous multilayers. Physica B: Condensed Matter, 2002, 320, 189-191.	1.3	2

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73	Phase transformation and corrosion behavior of stainless steel bombarded by pulsed energetic ion beams. <i>Surface and Coatings Technology</i> , 2002, 158-159, 604-608.	2.2	6
74	Point defect energetics in the ZrNi and Zr ₂ Ni intermetallics. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2001, 175-177, 526-531.	0.6	4
75	Modification of stainless steel and aluminium with pulsed energetic ion beams in the millisecond regime. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2001, 175-177, 403-409.	0.6	4
76	Grain growth in Zr-Fe multilayers under in situ ion irradiation. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2001, 175-177, 521-525.	0.6	7
77	Defect evolution and characterization in He-implanted LiNbO ₃ . <i>Nuclear Instruments & Methods in Physics Research B</i> , 2001, 175-177, 394-397.	0.6	19
78	Formation of nanoclusters in Au-implanted bismuth tellurite. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2001, 175-177, 331-334.	0.6	3
79	INFLUENCE OF HELIUM CO-IMPLANTATION ON THE FORMATION OF GOLD NANOCCLUSERS IN LITHIUM NIOBATE. <i>Modern Physics Letters B</i> , 2001, 15, 1348-1354.	1.0	2
80	Electric-field gradients at the Zr sites in Zr ₃ Fe: Measured using perturbed-angular-correlation spectroscopy and calculated using band theory. <i>Physical Review B</i> , 2001, 65, .	1.1	4
81	Diffusion and solubility of Au implanted into the AZ1350 photoresist. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2000, 166-167, 615-620.	0.6	9
82	Phase transformations in the Fe-N system induced by the concomitant use of ion irradiation and temperature. <i>Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties</i> , 1999, 79, 1721-1738.	0.8	0
83	Defects and magnetic hyperfine fields in ZrFe ₂ investigated using perturbed-angular-correlation spectroscopy. <i>Physical Review B</i> , 1999, 60, 1188-1196.	1.1	10
84	Phase formation in Zr-Fe multilayers: Effect of irradiation. <i>Journal of Applied Physics</i> , 1999, 85, 7146-7158.	1.1	6
85	The Fe-N system: phase transformations induced by the concomitant use of heavy ion bombardment and temperature. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1999, 148, 836-840.	0.6	2
86	Nucleation and growth of platelet bubble structures in He implanted silicon. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1998, 136-138, 460-464.	0.6	32
87	Polymer thermal stability enhancement induced by high energy ion beam bombardment. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1998, 141, 187-192.	0.6	5
88	Polymer thermal protection induced by ion beam irradiation. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1998, 134, 35-45.	0.6	5
89	Very thin Fe/Ni modulation multilayer films under ion bombardment. <i>Journal of Applied Physics</i> , 1997, 81, 4773-4775.	1.1	9
90	Phase Formation in Zr/Fe Multilayers During Kr Ion Irradiation. <i>Materials Research Society Symposia Proceedings</i> , 1997, 481, 377.	0.1	0

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91	Mössbauer study on phase separation in FeNi multilayers under ion bombardment. Surface Science, 1997, 389, 103-108.	0.8	10
92	Iron-nitride phase transformations induced by the concomitant use of Ar irradiation and temperature. Nuclear Instruments & Methods in Physics Research B, 1997, 127-128, 756-759.	0.6	3
93	Preparation, characterization and electrochemical studies of 1,1'-bis(diphenylphosphino) ferrocene (dppf) derivatives. Crystal structure of [dppfCo(NO) ₂][SbF ₆]. Inorganica Chimica Acta, 1997, 266, 19-27.	1.2	21
94	Ion-Beam Mixing and Solid-State Reaction in Zr-Fe Multilayers. Materials Research Society Symposia Proceedings, 1996, 439, 419.	0.1	2
95	Influence of Ar bombardment on the thermal behavior of nitrides produced by N implantation into Fe. Surface and Coatings Technology, 1996, 83, 78-81.	2.2	1
96	Low-temperature iron-nitride phase transformations induced by ion bombardment. Journal of Applied Physics, 1996, 80, 3127-3129.	1.1	5
97	Mössbauer study of the magnetic character and ordering process of the cubic $\hat{1}^3$ -FeSi ₂ phase obtained by Fe implantation into a Si(100) matrix. Physical Review B, 1996, 54, 11659-11665.	1.1	12
98	Modification of the thermal behavior of nitrides induced by Ar bombardment in a nitrogen implanted iron. , 1996, , 1024-1027.		0
99	Kr and N implantations in a stainless steel AISI304L: thermal evolution. Surface and Coatings Technology, 1995, 70, 211-213.	2.2	1
100	Ion beam mixing of Fe thin film and Si substrate. Nuclear Instruments & Methods in Physics Research B, 1995, 103, 56-59.	0.6	27
101	Depth, phase and coarsening evolution of FeSi ₂ precipitates upon thermal annealing. Nuclear Instruments & Methods in Physics Research B, 1995, 96, 366-369.	0.6	1
102	Thermal behavior of bubbles and nitrides in a Cr-rich steel. Hyperfine Interactions, 1994, 83, 253-258.	0.2	0
103	Solid state reaction crystallization and amorphization on thin film Fe-Zr multilayers. Hyperfine Interactions, 1994, 83, 333-339.	0.2	5
104	Thermal behavior study of Sb implanted into photoresist film. Nuclear Instruments & Methods in Physics Research B, 1993, 80-81, 1316-1319.	0.6	7
105	Modification of the thermal behavior of iron-carbonitrides induced by Kr bombardment on nitrogen-implanted low carbon steel. Nuclear Instruments & Methods in Physics Research B, 1993, 80-81, 313-316.	0.6	5
106	Radiation induced diffusion of Xe to a polymer film. Radiation Effects and Defects in Solids, 1993, 125, 289-298.	0.4	10
107	Characterization of europium implanted LiNbO ₃ . Journal of Materials Research, 1993, 8, 2679-2685.	1.2	17
108	Ion radiation induced diffusion of Xe implanted into a polymer film. Journal of Applied Physics, 1992, 72, 5139-5144.	1.1	3

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109	Recrystallization behavior of silicon implanted with iron. Journal of Applied Physics, 1992, 71, 5423-5426.	1.1	13
110	Effects of Kr post-bombardment on carbonitrides produced in a low carbon nitrogen-implanted steel. Applied Physics A: Solids and Surfaces, 1992, 54, 225-232.	1.4	5
111	Thermal behavior study of Sn and Ag implanted into photoresist film. Nuclear Instruments & Methods in Physics Research B, 1992, 65, 423-427.	0.6	4
112	Growth kinetics of solid-state reacted Fe-Zr multilayer films. Journal of Applied Physics, 1991, 70, 4870-4876.	1.1	16
113	Mössbauer study of spin-glass Fe x Zn1-x F2 system. Hyperfine Interactions, 1991, 67, 507-511.	0.2	1
114	Solid state amorphization reaction in Fe-Zr multilayers. Hyperfine Interactions, 1991, 67, 665-669.	0.2	7
115	Low-temperature diffusion study of Xe implanted into a polymer film. Nuclear Instruments & Methods in Physics Research B, 1991, 59-60, 1281-1284.	0.6	0
116	The effects of xenon bombardment on the dissolution and reprecipitation of carbonitrides produced in nitrogen-implanted low carbon steel. Surface and Coatings Technology, 1991, 45, 255-262.	2.2	4
117	Phase separation in ion bombarded FeNi Invar alloys. Journal of Applied Physics, 1991, 70, 131-134.	1.1	9
118	Mössbauer effect measurements on the spin-glass Fe _{0.25} Zn _{0.75} F ₂ . Hyperfine Interactions, 1990, 54, 489-492.	0.2	5
119	Effects of He and Ar post-bombardment on carbonitrides formed in a Cr-rich commercial steel. Hyperfine Interactions, 1990, 59, 289-292.	0.2	1
120	Radiation induced diffusion of Xe implanted into the AZ1350 polymer. Nuclear Instruments & Methods in Physics Research B, 1990, 46, 313-316.	0.6	5
121	Thermal stability and diffusion studies in the Au and Bi implanted AZ1350 photoresist. Nuclear Instruments & Methods in Physics Research B, 1990, 46, 350-353.	0.6	9
122	He and Ar post-bombardment effects on carbonitrides formed in a Cr-rich steel. Applied Physics A: Solids and Surfaces, 1990, 51, 476-480.	1.4	6
123	Low temperature diffusion study of Xe implanted into a photoresist film. Physics Letters, Section A: General, Atomic and Solid State Physics, 1990, 148, 104-106.	0.9	10
124	Range and thermal-behavior studies of Au and Bi implanted into photoresist films. Physical Review B, 1990, 41, 6145-6153.	1.1	33
125	Effects of Xe post-bombardment on carbonitrides produced in a low-carbon nitrogen-implanted steel. Journal of Applied Physics, 1990, 68, 4487-4493.	1.1	1
126	Dissolution and reprecipitation of carbonitride precipitates in carbon steel by low-dose α bombardment. Journal of Physics Condensed Matter, 1989, 1, 8799-8808.	0.7	10

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127	The effects of \hat{I}_{\pm} -particle irradiation fluence on N implanted compounds in low carbon steel. <i>Hyperfine Interactions</i> , 1989, 46, 481-489.	0.2	0
128	Anomalous depth profiles of light ions and noble gases implanted into polymers. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1989, 39, 800-804.	0.6	12
129	The effects of \hat{I}_{\pm} -particle irradiation on carbonitrides produced in a nitrogen-implanted low-carbon steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 1989, 115, 31-36.	2.6	7
130	Argon Irradiation of Sn Thin Layers Deposited on Fe Substrates. <i>Physica Status Solidi A</i> , 1989, 111, 173-180.	1.7	0
131	Dissolution and reprecipitation of carbonitride precipitates in a low carbon steel by Ar irradiation. <i>Radiation Effects and Defects in Solids</i> , 1989, 110, 355-365.	0.4	15
132	Thermal stability and Bi diffusion in the implanted AZ111 photoresist. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1988, 32, 419-421.	0.6	5
133	Range measurements and thermal stability study of AZ111 photoresist implanted with Bi ions. <i>Journal of Applied Physics</i> , 1988, 63, 2502-2506.	1.1	13
134	Implanted boron depth profiles in the AZ111 photoresist. <i>Journal of Applied Physics</i> , 1988, 63, 2083-2085.	1.1	26
135	Depth profiles of Li ions implanted in the photoresist AZ111. <i>Journal of Materials Research</i> , 1988, 3, 1422-1426.	1.2	18
136	The Effects of Ar-Bombardment on the Dissolution and Reprecipitation of Carbonitrides Implanted Into Low Carbon Steel. <i>Materials Research Society Symposia Proceedings</i> , 1988, 128, 315.	0.1	1
137	Dose and energy dependence of implanted ion profiles ($9 \times 10^{18} \text{ cm}^{-2}$ to $83 \times 10^{18} \text{ cm}^{-2}$) in the AZ111 photoresist. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1987, 19-20, 882-886.	0.6	33
138	Electrical transport properties of Bi ₃ Ni under helium irradiation and hydrogen implantation. <i>Journal of Physics F: Metal Physics</i> , 1986, 16, 1239-1246.	1.6	7
139	Evidence for the Metal-Insulator Transition in a Pure 3D Metal. <i>Europhysics Letters</i> , 1986, 2, 465-470.	0.7	6
140	Remarks on alloying-induced lattice parameter changes in intermetallic compounds. <i>Physica Status Solidi A</i> , 1983, 80, 669-677.	1.7	9
141	Structural changes in the switching InSe compound studied by the TDPAC techniques. <i>Journal of Physics C: Solid State Physics</i> , 1983, 16, L1039-L1042.	1.5	4
142	A model for the electronic structure of (Tl-xTl')Fe ₂ intermetallic compounds: an application to (Zr _{1-x} Hf _x)Fe ₂ . <i>Journal of Physics F: Metal Physics</i> , 1982, 12, 2213-2227.	1.6	12
143	Mossbauer study of pseudobinary (Zr _{1-x} Hf _x)Fe ₂ compounds. <i>Journal of Physics F: Metal Physics</i> , 1982, 12, 2091-2096.	1.6	17
144	The magnetic hyperfine field at Hf sites in the (Zr, Hf)Fe ₂ laves pseudo-binary compound. <i>Physica Status Solidi A</i> , 1979, 53, 379-382.	1.7	14

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145	THE EFFECT OF CORTISONE ON THE VOLUME AND TOTAL PROTEIN CONTENT OF MOUSE LIVER NUCLEI. Journal of Cell Biology, 1969, 42, 835-837.	2.3	2