

# Livio Amaral

## List of Publications by Year in descending order

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145  
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394421  
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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. Journal of Applied Polymer Science, 2022, 139, .	2.6	1
2	Variance of elemental concentrations of organic products: the case of Brazilian coffee. Nuclear Instruments & Methods in Physics Research B, 2021, 486, 18-21.	1.4	6
3	Elemental concentration of tomato paste and respective packages through particle-induced X-ray emission. Journal of Food Composition and Analysis, 2021, 97, 103770.	3.9	3
4	Políticas públicas para redução de assimetrias e a pós-graduação na Região da Amazônia Legal/Brasil. Research, Society and Development, 2021, 10, .	0.1	1
5	Long-term variations of the elemental concentration of table cream. Nuclear Instruments & Methods in Physics Research B, 2020, 477, 159-162.	1.4	1
6	Signature of the Himalayan salt. Nuclear Instruments & Methods in Physics Research B, 2020, 477, 150-153.	1.4	5
7	Elemental extraction factor from ground to drinking coffee as a function of the water temperature. Nuclear Instruments & Methods in Physics Research B, 2020, 477, 154-158.	1.4	2
8	Multi/inter/transdisciplinary assessment: A systemic framework proposal to evaluate graduate courses and research teams. Research Evaluation, 2019, 28, 23-36.	2.6	7
9	Elemental analysis of Brazilian coffee with ion beam techniques: From ground coffee to the final beverage. Food Research International, 2019, 119, 297-304.	6.2	30
10	Au and Ag ion irradiation effects on the carbide precipitation and Ar bubble formation in solubilized AISI 316L alloys. Nuclear Instruments & Methods in Physics Research B, 2019, 458, 174-178.	1.4	7
11	Investigation of pesticide exposure by genotoxicological, biochemical, genetic polymorphic and in silico analysis. Ecotoxicology and Environmental Safety, 2019, 179, 135-142.	6.0	20
12	The influence of the winemaking process on the elemental composition of the Marselan red wine. Journal of the Science of Food and Agriculture, 2019, 99, 4642-4650.	3.5	7
13	Changes in the element concentration of the dorsal hippocampus CA1 region during memory consolidation and reconsolidation. Journal of Chemical Neuroanatomy, 2018, 90, 49-56.	2.1	1
14	Characterization of Brazilian ammunitions and their respective gunshot residues with ion beam techniques. Forensic Chemistry, 2018, 7, 94-102.	2.8	9
15	Evaluation of detector efficiency through GUPIXWIN H value. Nuclear Instruments & Methods in Physics Research B, 2018, 417, 56-59.	1.4	10
16	Considerations about projectile and target X-rays induced during heavy ion bombardment. Nuclear Instruments & Methods in Physics Research B, 2018, 417, 19-25.	1.4	4
17	Rubidium in the elemental composition of Brazilian coffee. International Journal of PIXE, 2018, 28, 35-42.	0.4	2
18	Influence of Ar Implantation on the Precipitation in Au Ion Irradiated AISI 316L Solution Annealed Alloy. MRS Advances, 2018, 3, 1799-1805.	0.9	7

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19	Elemental characterization of food and beverages carried out at Ion Implantation Laboratory: a review. International Journal of PIXE, 2018, 28, 13-19.	0.4	0
20	Blood Trace Element Concentrations in Polycystic Ovary Syndrome: Systematic Review and Meta-analysis. Biological Trace Element Research, 2017, 175, 254-262.	3.5	29
21	Effects of Supplemental Acerola Juice on the Mineral Concentrations in Liver and Kidney Tissue Samples of Mice Fed with Cafeteria Diet. Biological Trace Element Research, 2015, 167, 70-76.	3.5	5
22	Elemental quantification of large gunshot residues. Nuclear Instruments & Methods in Physics Research B, 2015, 348, 170-173.	1.4	7
23	The role of micro-NRA and micro-PIXE in carbon mapping of organic tissues. Nuclear Instruments & Methods in Physics Research B, 2015, 348, 160-164.	1.4	1
24	Elemental characterization of injuries in fish liver. Nuclear Instruments & Methods in Physics Research B, 2014, 318, 83-87.	1.4	4
25	Ion beam analysis of ground coffee and roasted coffee beans. Nuclear Instruments & Methods in Physics Research B, 2014, 318, 202-206.	1.4	16
26	Bioaccumulation of trace elements in hepatic and renal tissues of the white mullet <i>Mugil curema</i> Valenciennes, 1836 (Actinopterygii, Mugilidae) in two coastal systems in southeastern Brazil. Nuclear Instruments & Methods in Physics Research B, 2014, 318, 94-98.	1.4	10
27	Elemental concentrations in kidney and liver of mice fed with cafeteria or standard diet determined by particle induced X-ray emission. Nuclear Instruments & Methods in Physics Research B, 2014, 318, 198-201.	1.4	1
28	Electronic behavior of micro-structured polymer foils immersed in electrolyte. Nuclear Instruments & Methods in Physics Research B, 2013, 306, 222-226.	1.4	4
29	Elemental characterization of Brazilian canned tuna fish using particle induced X-ray emission (PIXE). Journal of Food Composition and Analysis, 2013, 30, 19-25.	3.9	26
30	Use of STIM for morphological studies of microstructured polymer foils. Nuclear Instruments & Methods in Physics Research B, 2013, 306, 99-103.	1.4	6
31	Study of the elemental composition of wine stoppers using PIXE. X-Ray Spectrometry, 2013, 42, 158-164.	1.4	4
32	Lattice strain distribution resolved by X-ray Bragg-surface diffraction in an Si matrix distorted by embedded $\text{FeSi}_2$ nanoparticles. Journal of Applied Crystallography, 2013, 46, 1796-1804.	4.5	9
33	Agglomeration defects on irradiated carbon nanotubes. AIP Advances, 2012, 2, 012174.	1.3	2
34	Nanoporous Aluminum Oxide Thin Films on Si Substrate: Structural Changes as a Function of Interfacial Stress. Journal of Physical Chemistry C, 2011, 115, 7621-7627.	3.1	18
35	Micro and Nano-Texturization of Intermetallic Oxide Alloys by a Single Anodization Step: Preparation of Artificial Self-Cleaning Surfaces. ACS Applied Materials & Interfaces, 2011, 3, 3981-3987.	8.0	20
36	Valence Evaluation of Cerium in Nanocrystalline $\text{CeO}_2$ Films Electrodeposited on Si Substrates. Journal of the Electrochemical Society, 2011, 159, K27-K33.	2.9	31

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37	Anisotropy of Magnetization and Nanocrystalline Texture in Electrodeposited CeO <sub>2</sub> Films. Electrochemical and Solid-State Letters, 2011, 14, P9.	2.2	18
38	Elemental characterisation of Cabernet Sauvignon wines using Particle-Induced X-ray Emission (PIXE). Food Chemistry, 2010, 121, 244-250.	8.2	33
39	The influence of aluminum grain size on alumina nanoporous structure. Journal of Applied Physics, 2010, 107, 026103.	2.5	22
40	Ferromagnetism induced by oxygen and cerium vacancies above the percolation limit in CeO <sub>2</sub> . Journal of Physics Condensed Matter, 2010, 22, 216004.	1.8	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). Crystal Growth and Design, 2010, 10, 4363-4369.	3.0	4
42	Adjustable Hydrophobicity of Al Substrates by Chemical Surface Functionalization of Nano/Microstructures. Journal of Physical Chemistry C, 2010, 114, 13219-13225.	3.1	61
43	Indirect optical absorption and origin of the emission from $\text{FeSi}_2$ nanoparticles: Bound exciton (0.809) Tj ETQq1 1 0.784314 rgBT /Ov	2.5	11
44	Synchrotron x-ray multiple diffraction in the study of Fe-ion implantation in Si(001). Journal Physics D: Applied Physics, 2009, 42, 195401.	2.8	7
45	Biomonitoring study of seasonal anthropogenic influence at the Itamambuca beach (SP, Brazil). Nuclear Instruments & Methods in Physics Research B, 2009, 267, 1960-1964.	1.4	12
46	Atomic level mixing induced by Kr irradiation of FeCo/Cu multilayers. Journal of Applied Physics, 2008, 103, 033505.	2.5	1
47	Influence of iron on mineral status of two rice (Oryza sativa L.) cultivars. Brazilian Journal of Plant Physiology, 2007, 19, 127-139.	0.5	54
48	Magnetic and structural behavior of FeCo/Cu multilayers submitted to Kr irradiation. Nuclear Instruments & Methods in Physics Research B, 2007, 257, 424-427.	1.4	4
49	Nanocavities induced by neon Plasma Based Ion Implantation in silicon. Nuclear Instruments & Methods in Physics Research B, 2007, 257, 750-752.	1.4	5
50	Polymerization of Carbon Nanotubes through Self-Irradiation. Journal of Physical Chemistry B, 2006, 110, 23215-23220.	2.6	16
51	Photoluminescence behavior of silicon nanocrystals produced by hot implantation in SiO <sub>2</sub> . Nuclear Instruments & Methods in Physics Research B, 2006, 242, 109-113.	1.4	2
52	Characterization of neon cavity in silicon. Nuclear Instruments & Methods in Physics Research B, 2006, 242, 494-497.	1.4	2
53	Ion beam effects on the morphology and crystalline structure of Fe <sub>70</sub> Co <sub>30</sub> /Cu multilayers. Nuclear Instruments & Methods in Physics Research B, 2006, 249, 129-131.	1.4	3
54	Formation of neon induced cavities in silicon by plasma based ion implantation. Nuclear Instruments & Methods in Physics Research B, 2006, 249, 193-195.	1.4	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.	1.4	1
56	Damage accumulation in neon implanted silicon. Journal of Applied Physics, 2006, 100, 043505.	2.5	27
57	Molecular dynamics simulation of silicon nanostructures. Nuclear Instruments & Methods in Physics Research B, 2005, 228, 37-40.	1.4	25
58	Residual activity induced by ion bombardment on insulating samples. Nuclear Instruments & Methods in Physics Research B, 2005, 240, 297-302.	1.4	9
59	Considerations about PIXE analysis under channeling conditions. Nuclear Instruments & Methods in Physics Research B, 2005, 240, 321-326.	1.4	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.	2.5	12
62	Channeling on Carbon Nanotubes: A Molecular Dynamics Approach. Journal of Physical Chemistry B, 2005, 109, 13515-13518.	2.6	29
63	The influence of the implantation temperature on the photoluminescence characteristics of Si nanocrystals embedded into SiO <sub>2</sub> matrix. Nuclear Instruments & Methods in Physics Research B, 2004, 218, 405-409.	1.4	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.	1.4	0
65	Diffusion of Bi, Er and Eu implanted into S1813 photoresist. Nuclear Instruments & Methods in Physics Research B, 2004, 215, 90-98.	1.4	1
66	Characterization of neon implantation damage in silicon. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 112, 111-115.	3.5	11
67	Photoluminescence from Si nanocrystals induced by high-temperature implantation in SiO <sub>2</sub> . Journal of Applied Physics, 2004, 95, 5053-5059.	2.5	13
68	Structural modifications in Fe <sub>x</sub> Co <sub>1-x</sub> /Cu multilayers induced by ion irradiation. Journal of Applied Physics, 2004, 96, 1469-1474.	2.5	6
69	Creation of noble metal nanoclusters in bismuth tellurite. Nuclear Instruments & Methods in Physics Research B, 2003, 206, 653-656.	1.4	0
70	Formation of coherent gold nanoclusters in lithium niobate. Nuclear Instruments & Methods in Physics Research B, 2002, 191, 478-481.	1.4	2
71	Diffusion of Ag implanted into the AZ1350 photoresist. Nuclear Instruments & Methods in Physics Research B, 2002, 191, 690-694.	1.4	6
72	The BCC to FCC/HCP phase transformation of the Co <sub>70</sub> Fe <sub>30</sub> alloy produced by ion irradiation of Co <sub>70</sub> Fe <sub>30</sub> /Cu discontinuous multilayers. Physica B: Condensed Matter, 2002, 320, 189-191.	2.7	2

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73	Phase transformation and corrosion behavior of stainless steel bombarded by pulsed energetic ion beams. Surface and Coatings Technology, 2002, 158-159, 604-608.	4.8	6
74	Point defect energetics in the ZrNi and Zr <sub>2</sub> Ni intermetallics. Nuclear Instruments & Methods in Physics Research B, 2001, 175-177, 526-531.	1.4	4
75	Modification of stainless steel and aluminium with pulsed energetic ion beams in the millisecond regime. Nuclear Instruments & Methods in Physics Research B, 2001, 175-177, 403-409.	1.4	4
76	Grain growth in Zr-Fe multilayers under in situ ion irradiation. Nuclear Instruments & Methods in Physics Research B, 2001, 175-177, 521-525.	1.4	7
77	Defect evolution and characterization in He-implanted LiNbO <sub>3</sub> . Nuclear Instruments & Methods in Physics Research B, 2001, 175-177, 394-397.	1.4	19
78	Formation of nanoclusters in Au-implanted bismuth tellurite. Nuclear Instruments & Methods in Physics Research B, 2001, 175-177, 331-334.	1.4	3
79	INFLUENCE OF HELIUM CO-IMPLANTATION ON THE FORMATION OF GOLD NANOCCLUSERS IN LITHIUM NIOBATE. Modern Physics Letters B, 2001, 15, 1348-1354.	1.9	2
80	Electric-field gradients at the Zr sites in Zr <sub>3</sub> Fe: Measured using perturbed-angular-correlation spectroscopy and calculated using band theory. Physical Review B, 2001, 65, .	3.2	4
81	Diffusion and solubility of Au implanted into the AZ1350 photoresist. Nuclear Instruments & Methods in Physics Research B, 2000, 166-167, 615-620.	1.4	9
82	Phase transformations in the Fe-N system induced by the concomitant use of ion irradiation and temperature. Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties, 1999, 79, 1721-1738.	0.6	0
83	Defects and magnetic hyperfine fields in ZrFe <sub>2</sub> investigated using perturbed-angular-correlation spectroscopy. Physical Review B, 1999, 60, 1188-1196.	3.2	10
84	Phase formation in Zr-Fe multilayers: Effect of irradiation. Journal of Applied Physics, 1999, 85, 7146-7158.	2.5	6
85	The Fe-N system: phase transformations induced by the concomitant use of heavy ion bombardment and temperature. Nuclear Instruments & Methods in Physics Research B, 1999, 148, 836-840.	1.4	2
86	Nucleation and growth of platelet bubble structures in He implanted silicon. Nuclear Instruments & Methods in Physics Research B, 1998, 136-138, 460-464.	1.4	32
87	Polymer thermal stability enhancement induced by high energy ion beam bombardment. Nuclear Instruments & Methods in Physics Research B, 1998, 141, 187-192.	1.4	5
88	Polymer thermal protection induced by ion beam irradiation. Nuclear Instruments & Methods in Physics Research B, 1998, 134, 35-45.	1.4	5
89	Very thin Fe/Ni modulation multilayer films under ion bombardment. Journal of Applied Physics, 1997, 81, 4773-4775.	2.5	9
90	Phase Formation in Zr/Fe Multilayers During Kr Ion Irradiation. Materials Research Society Symposia Proceedings, 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.	1.9	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.	1.4	3
93	Preparation, characterization and electrochemical studies of 1,1'-bis(diphenylphosphino) ferrocene (dppf) derivatives. Crystal structure of [dppfCo(NO) <sub>2</sub> ][SbF <sub>6</sub> ]. Inorganica Chimica Acta, 1997, 266, 19-27.	2.4	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.	4.8	1
96	Low-temperature iron-nitride phase transformations induced by ion bombardment. Journal of Applied Physics, 1996, 80, 3127-3129.	2.5	5
97	Mössbauer study of the magnetic character and ordering process of the cubic $\beta$ -FeSi <sub>2</sub> phase obtained by Fe implantation into a Si(100) matrix. Physical Review B, 1996, 54, 11659-11665.	3.2	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.	4.8	1
100	Ion beam mixing of Fe thin film and Si substrate. Nuclear Instruments & Methods in Physics Research B, 1995, 103, 56-59.	1.4	27
101	Depth, phase and coarsening evolution of FeSi <sub>2</sub> precipitates upon thermal annealing. Nuclear Instruments & Methods in Physics Research B, 1995, 96, 366-369.	1.4	1
102	Thermal behavior of bubbles and nitrides in a Cr-rich steel. Hyperfine Interactions, 1994, 83, 253-258.	0.5	0
103	Solid state reaction crystallization and amorphization on thin film Fe-Zr multilayers. Hyperfine Interactions, 1994, 83, 333-339.	0.5	5
104	Thermal behavior study of Sb implanted into photoresist film. Nuclear Instruments & Methods in Physics Research B, 1993, 80-81, 1316-1319.	1.4	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.	1.4	5
106	Radiation induced diffusion of Xe to a polymer film. Radiation Effects and Defects in Solids, 1993, 125, 289-298.	1.2	10
107	Characterization of europium implanted LiNbO <sub>3</sub> . Journal of Materials Research, 1993, 8, 2679-2685.	2.6	17
108	Ion radiation induced diffusion of Xe implanted into a polymer film. Journal of Applied Physics, 1992, 72, 5139-5144.	2.5	3

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109	Recrystallization behavior of silicon implanted with iron. Journal of Applied Physics, 1992, 71, 5423-5426.	2.5	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.	1.4	4
112	Growth kinetics of solid-state-reacted Fe-Zr multilayer films. Journal of Applied Physics, 1991, 70, 4870-4876.	2.5	16
113	Mössbauer study of spin-glass Fe x Zn1-x F2 system. Hyperfine Interactions, 1991, 67, 507-511.	0.5	1
114	Solid state amorphization reaction in Fe-Zr multilayers. Hyperfine Interactions, 1991, 67, 665-669.	0.5	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.	1.4	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.	4.8	4
117	Phase separation in ion bombarded FeNi Invar alloys. Journal of Applied Physics, 1991, 70, 131-134.	2.5	9
118	Mössbauer effect measurements on the spin-glass Fe <sub>0.25</sub> Zn <sub>0.75</sub> F <sub>2</sub> . Hyperfine Interactions, 1990, 54, 489-492.	0.5	5
119	Effects of He and Ar post-bombardment on carbonitrides formed in a Cr-rich commercial steel. Hyperfine Interactions, 1990, 59, 289-292.	0.5	1
120	Radiation induced diffusion of Xe implanted into the AZ1350 polymer. Nuclear Instruments & Methods in Physics Research B, 1990, 46, 313-316.	1.4	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.	1.4	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.	2.1	10
124	Range and thermal-behavior studies of Au and Bi implanted into photoresist films. Physical Review B, 1990, 41, 6145-6153.	3.2	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.	2.5	1
126	Dissolution and reprecipitation of carbonitride precipitates in carbon steel by low-dose $\alpha$ bombardment. Journal of Physics Condensed Matter, 1989, 1, 8799-8808.	1.8	10



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127	The effects of $\hat{I}_{\pm}$ -particle irradiation fluence on N implanted compounds in low carbon steel. Hyperfine Interactions, 1989, 46, 481-489.	0.5	0
128	Anomalous depth profiles of light ions and noble gases implanted into polymers. Nuclear Instruments & Methods in Physics Research B, 1989, 39, 800-804.	1.4	12
129	The effects of $\hat{I}_{\pm}$ -particle irradiation on carbonitrides produced in a nitrogen-implanted low-carbon steel. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1989, 115, 31-36.	5.6	7
130	Argon Irradiation of Sn Thin Layers Deposited on Fe Substrates. Physica Status Solidi A, 1989, 111, 173-180.	1.7	0
131	Dissolution and reprecipitation of carbonitride precipitates in a low carbon steel by Ar irradiation. Radiation Effects and Defects in Solids, 1989, 110, 355-365.	1.2	15
132	Thermal stability and Bi diffusion in the implanted AZ111 photoresist. Nuclear Instruments & Methods in Physics Research B, 1988, 32, 419-421.	1.4	5
133	Range measurements and thermal stability study of AZ111 photoresist implanted with Bi ions. Journal of Applied Physics, 1988, 63, 2502-2506.	2.5	13
134	Implanted boron depth profiles in the AZ111 photoresist. Journal of Applied Physics, 1988, 63, 2083-2085.	2.5	26
135	Depth profiles of Li ions implanted in the photoresist AZ111. Journal of Materials Research, 1988, 3, 1422-1426.	2.6	18
136	The Effects of Ar-Bombardment on the Dissolution and Reprecipitation of Carbonitrides Implanted Into Low Carbon Steel. Materials Research Society Symposia Proceedings, 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. Nuclear Instruments & Methods in Physics Research B, 1987, 19-20, 882-886.	1.4	33
138	Electrical transport properties of Bi <sub>3</sub> Ni under helium irradiation and hydrogen implantation. Journal of Physics F: Metal Physics, 1986, 16, 1239-1246.	1.6	7
139	Evidence for the Metal-Insulator Transition in a Pure 3D Metal. Europhysics Letters, 1986, 2, 465-470.	2.0	6
140	Remarks on alloying-induced lattice parameter changes in intermetallic compounds. Physica Status Solidi A, 1983, 80, 669-677.	1.7	9
141	Structural changes in the switching InSe compound studied by the TDPAC techniques. Journal of Physics C: Solid State Physics, 1983, 16, L1039-L1042.	1.5	4
142	A model for the electronic structure of (Ti <sub>1-x</sub> Ti <sub>x</sub> )Fe <sub>2</sub> intermetallic compounds: an application to (Zr <sub>1-x</sub> Hf <sub>x</sub> )Fe <sub>2</sub> . Journal of Physics F: Metal Physics, 1982, 12, 2213-2227.	1.6	12
143	Mossbauer study of pseudobinary (Zr <sub>1-x</sub> Hf <sub>x</sub> )Fe <sub>2</sub> compounds. Journal of Physics F: Metal Physics, 1982, 12, 2091-2096.	1.6	17
144	The magnetic hyperfine field at Hf sites in the (Zr, Hf)Fe <sub>2</sub> laves pseudo-binary compound. Physica Status Solidi A, 1979, 53, 379-382.	1.7	14

#	ARTICLE	IF	CITATIONS
145	THE EFFECT OF CORTISONE ON THE VOLUME AND TOTAL PROTEIN CONTENT OF MOUSE LIVER NUCLEI. Journal of Cell Biology, 1969, 42, 835-837.	5.2	2