

# Joseph Michael

## List of Publications by Year in descending order

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151  
papers

6,652  
citations

117453

34  
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114278

63  
g-index

153  
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153  
docs citations

153  
times ranked

7045  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of FIB-Induced Phase Transformation in Austenitic Steel. <i>Microscopy and Microanalysis</i> , 2022, 28, 70-82.	0.2	3
2	Focused Ion Beam Preparation of Low Melting Point Metals: Lessons Learned From Indium. <i>Microscopy and Microanalysis</i> , 2022, 28, 603-610.	0.2	4
3	Atomic step disorder on polycrystalline surfaces leads to spatially inhomogeneous work functions. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2022, 40, 023207.	0.9	0
4	Ex Situ Photoelectron Emission Microscopy of Polycrystalline Bismuth and Antimony Telluride Surfaces Exposed to Ambient Oxidation. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 18218-18226.	4.0	6
5	The Effects of Annealing After Equal Channel Angular Extrusion (ECAE) on Mechanical and Magnetic Properties of 49Fe-49Co-2V Alloy. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2021, 52, 4090-4099.	1.1	3
6	Preparation of samples: Why use Ga, Xe or photons?. <i>Microscopy and Microanalysis</i> , 2021, 27, 16-17.	0.2	0
7	Scanning ultrafast electron microscopy reveals photovoltage dynamics at a deeply buried $\text{p-O-SiO}_2$ interface. <i>Physical Review B</i> , 2021, 104, .	1.1	6
8	Investigating active slip planes in tantalum under compressive load: Crystal plasticity and slip trace analyses of single crystals. <i>Acta Materialia</i> , 2020, 185, 1-12.	3.8	47
9	Rethinking scaling laws in the high-cycle fatigue response of nanostructured and coarse-grained metals. <i>International Journal of Fatigue</i> , 2020, 134, 105472.	2.8	9
10	Comparison of Orientation Mapping in SEM and TEM. <i>Microscopy and Microanalysis</i> , 2020, 26, 630-640.	0.2	3
11	Mechanical and Corrosion Properties of Additively Manufactured CoCrFeMnNi High Entropy Alloy. <i>Additive Manufacturing</i> , 2019, 29, 100833.	1.7	42
12	Controlling the extent of atomic ordering in intermetallic alloys through additive manufacturing. <i>Additive Manufacturing</i> , 2019, 28, 772-780.	1.7	19
13	Role of defects on the surface properties of HfC. <i>Applied Surface Science</i> , 2019, 495, 143500.	3.1	7
14	Achieving high strength and ductility in traditionally brittle soft magnetic intermetallics via additive manufacturing. <i>Acta Materialia</i> , 2019, 180, 149-157.	3.8	47
15	Electrical contact uniformity and surface oxidation of ternary chalcogenide alloys. <i>AIP Advances</i> , 2019, 9, 015125.	0.6	15
16	Characterization of the Fe-Co-1.5V soft ferromagnetic alloy processed by Laser Engineered Net Shaping (LENS). <i>Additive Manufacturing</i> , 2018, 21, 41-52.	1.7	56
17	Compositional Mapping. , 2018, , 413-439.		1
18	Characterizing Crystalline Materials in the SEM. , 2018, , 491-515.		0

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19	Focused Ion Beam Applications in the SEM Laboratory. , 2018, , 517-528.		0
20	Electron Microscopy and Microanalysis for Wear Surface Characterization. Microtechnology and MEMS, 2018, , 3-28.	0.2	0
21	Equal channel angular extrusion for bulk processing of Fe-Co <sup>2V</sup> soft magnetic alloys, part II: Texture analysis and magnetic properties. Journal of Materials Research, 2018, 33, 2176-2188.	1.2	7
22	Scanning Electron Microscopy and X-Ray Microanalysis. , 2018, , .		955
23	Linking microstructural evolution and macro-scale friction behavior in metals. Journal of Materials Science, 2017, 52, 2780-2799.	1.7	75
24	Domain imaging in ferroelectric thin films via channeling-contrast backscattered electron microscopy. Journal of Materials Science, 2017, 52, 1071-1081.	1.7	15
25	Measuring Carbon in Steel Using Calibration Curves on the Microprobe; Failed Cap Screw Study. Microscopy and Microanalysis, 2017, 23, 516-517.	0.2	0
26	Challenges Associated with Transmission Experiments in the SEM. Microscopy and Microanalysis, 2017, 23, 556-557.	0.2	0
27	Microscopy & Microanalysis 2016. Microscopy Today, 2016, 24, 52-55.	0.2	0
28	Microscopy & Microanalysis 2016 in Columbus, Ohio. Microscopy Today, 2016, 24, 38-41.	0.2	0
29	Effects of Low Temperature on Hydrogen-Assisted Crack Growth in Forged 304L Austenitic Stainless Steel. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2016, 47, 4334-4350.	1.1	16
30	Characterization of Void-Dominated Ductile Failure in Pure Ta. Microscopy and Microanalysis, 2015, 21, 1163-1164.	0.2	1
31	Room-Temperature Voltage Tunable Phonon Thermal Conductivity via Reconfigurable Interfaces in Ferroelectric Thin Films. Nano Letters, 2015, 15, 1791-1795.	4.5	116
32	On the thermal stability of physical vapor deposited oxide-hardened nanocrystalline gold thin films. Journal of Applied Physics, 2015, 117, .	1.1	7
33	Modeling ion-solid interactions for imaging applications. MRS Bulletin, 2014, 39, 342-346.	1.7	4
34	Method for electrical-structural correlation in isolated CdTe/CdS islands. , 2014, , .		1
35	Nanoscale photovoltaic performance in micro/nanopatterned CdTe-CdS thin film solar cells. , 2014, , .		1
36	Characterization of Continuous and Discontinuous Precipitation Phases in Pd-Rich Precious Metal Alloys. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2014, 45, 3755-3766.	1.1	3

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37	Selective Growth of CdTe on Nano-patterned CdS via Close-Space Sublimation. <i>Journal of Electronic Materials</i> , 2014, 43, 2651-2657.	1.0	15
38	Thermal and collisional history of Tishomingo iron meteorite: More evidence for early disruption of differentiated planetesimals. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 124, 34-53.	1.6	32
39	Mineral Analyses of Extraterrestrial Metal. <i>Microscopy and Microanalysis</i> , 2014, 20, 1674-1675.	0.2	0
40	Morphology and Growth Kinetics of Straight and Kinked Tin Whiskers. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2013, 44, 1485-1496.	1.1	27
41	Wear resistant electrically conductive Au/ZnO nanocomposite coatings synthesized by e-beam evaporation. <i>Wear</i> , 2013, 302, 955-962.	1.5	22
42	Comparison of Channeling Contrast between Ion and Electron Images. <i>Microscopy and Microanalysis</i> , 2013, 19, 344-349.	0.2	30
43	Electrical resistivity of Au-ZnO nanocomposite films. <i>Journal of Applied Physics</i> , 2013, 113, .	1.1	9
44	Surface alloy depletion and martensite formation during glass to metal joining of austenitic stainless steels. <i>Science and Technology of Welding and Joining</i> , 2012, 17, 321-332.	1.5	20
45	Nanopatterning and bandgap grading to reduce defects in CdTe solar cells. , 2012, , .		4
46	Application of Electron Backscatter Diffraction for Crystallographic Characterization of Tin Whiskers. <i>Microscopy and Microanalysis</i> , 2012, 18, 876-884.	0.2	4
47	Lithographically Defined Three-Dimensional Graphene Structures. <i>ACS Nano</i> , 2012, 6, 3573-3579.	7.3	152
48	Three dimensional nickel/graphene core/shell electrodes. <i>Journal of Materials Chemistry</i> , 2012, 22, 23749.	6.7	45
49	The hardness and strength of metal tribofilms: An apparent contradiction between nanoindentation and pillar compression. <i>Acta Materialia</i> , 2012, 60, 1712-1720.	3.8	23
50	Group IVA irons: New constraints on the crystallization and cooling history of an asteroidal core with a complex history. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 6821-6843.	1.6	76
51	Thermal and impact histories of reheated group IVA, IVB, and ungrouped iron meteorites and their parent asteroids. <i>Meteoritics and Planetary Science</i> , 2011, 46, 1227-1252.	0.7	31
52	Electron Beam-Based Methods for Bioforensic Investigations. , 2011, , 421-729.		1
53	Focused Ion Beam Induced Microstructural Alterations: Texture Development, Grain Growth, and Intermetallic Formation. <i>Microscopy and Microanalysis</i> , 2011, 17, 386-397.	0.2	43
54	An Investigation of the Massive Transformation from Ferrite to Austenite in Laser-Welded Mo-Bearing Stainless Steels. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2011, 42, 700-716.	1.1	23

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55	High resolution at low beam energy in the SEM: resolution measurement of a monochromated SEM. Scanning, 2011, 33, 147-154.	0.7	11
56	Application of Electron Backscatter Diffraction Techniques to Quenched and Partitioned Steels. Microscopy and Microanalysis, 2011, 17, 368-373.	0.2	21
57	The Effects of Pre-Oxidation and Alloy Chemistry of Austenitic Stainless Steels on Glass/Metal Sealing. Oxidation of Metals, 2010, 73, 311-335.	1.0	22
58	Screen Printing to Achieve Highly Textured Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> . Journal of the American Ceramic Society, 2010, 93, 1922-1926.	1.9	8
59	Evaluating SEM performance from the contrast transfer function. , 2010, , .		4
60	Preferred heteroepitaxial orientations of ZnO nanorods on Ag. Journal of Materials Research, 2010, 25, 1352-1361.	1.2	7
61	Characterization of pore morphology in molecular crystal explosives by focused ion-beam nanotomography. Journal of Materials Research, 2010, 25, 1362-1370.	1.2	25
62	Thermal history and origin of the IVB iron meteorites and their parent body. Geochimica Et Cosmochimica Acta, 2010, 74, 4493-4506.	1.6	42
63	Characterization of the mechanical behavior of wear surfaces on single crystal nickel by nanomechanical techniques. Journal of Materials Research, 2009, 24, 844-852.	1.2	5
64	Thermal histories of IVA iron meteorites from transmission electron microscopy of the cloudy zone microstructure. Meteoritics and Planetary Science, 2009, 44, 343-358.	0.7	35
65	Application of Diamond-Like Nanocomposite Tribological Coatings on LIGA Microsystem Parts. Journal of Microelectromechanical Systems, 2009, 18, 695-704.	1.7	9
66	The role of substrate plasticity on the tribological behavior of diamond-like nanocomposite coatings. Acta Materialia, 2008, 56, 1956-1966.	3.8	50
67	On-chip laboratory suite for testing of free-standing metal film mechanical properties, Part II "Experiments. Acta Materialia, 2008, 56, 3313-3326.	3.8	25
68	Forensic analysis of bioagents by X-ray and TOF-SIMS hyperspectral imaging. Forensic Science International, 2008, 179, 98-106.	1.3	26
69	Multivariate statistical approach to electron backscattered diffraction. Ultramicroscopy, 2008, 108, 567-578.	0.8	20
70	Controlled fabrication of nanopores using a direct focused ion beam approach with back face particle detection. Nanotechnology, 2008, 19, 235304.	1.3	41
71	TEM Sample Preparation and FIB-Induced Damage. MRS Bulletin, 2007, 32, 400-407.	1.7	723
72	Microstructure and thermal history of metal particles in CH chondrites. Meteoritics and Planetary Science, 2007, 42, 913-933.	0.7	19

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73	The formation of plessite in meteoritic metal. <i>Meteoritics and Planetary Science</i> , 2006, 41, 553-570.	0.7	75
74	Electrodeposition of Ni from Low-Temperature Sulfamate Electrolytes. <i>Journal of the Electrochemical Society</i> , 2006, 153, C325.	1.3	17
75	Microscopy and Microanalysis of Nano-Scale Materials. <i>Microscopy Today</i> , 2006, 14, 6-15.	0.2	3
76	Gallium Phase Formation in Cu During 30kV Ga+ FIB Milling. <i>Microscopy and Microanalysis</i> , 2006, 12, 1248-1249.	0.2	15
77	Tomographic Spectral Imaging with Multivariate Statistical Analysis: Comprehensive 3D Microanalysis. <i>Microscopy and Microanalysis</i> , 2006, 12, 36-48.	0.2	79
78	Effects of current density on the structure of Ni and Ni-Mn electrodeposits. <i>Journal of Applied Electrochemistry</i> , 2006, 36, 669-676.	1.5	22
79	Characterization of Nano-Crystalline Materials Using Electron Backscatter Diffraction in the Scanning Electron Microscope. , 2005, , 401-425.		0
80	Structural Variants in Attempted Heteroepitaxial Growth of B <sub>12</sub> As <sub>2</sub> on 6H-SiC (0001). <i>Journal of Materials Research</i> , 2005, 20, 3004-3010.	1.2	17
81	On the Evolution of Friction-Induced Nanostructures in Single Crystal Nickel. , 2005, , 317.		1
82	Using the FIB to characterize nanoparticle materials. <i>Journal of Microscopy</i> , 2004, 214, 222-236.	0.8	16
83	Oxide dispersion strengthening of nickel electrodeposits for microsystem applications. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2004, 35, 2351-2360.	1.1	14
84	Fatigue of metallic microdevices and the role of fatigue-induced surface oxides. <i>Acta Materialia</i> , 2004, 52, 1609-1619.	3.8	57
85	A Study of Selective Etching of Carbides in Steel. <i>Microscopy and Microanalysis</i> , 2004, 10, 76-77.	0.2	19
86	Microdiffraction phase identification in the scanning electron microscope (SEM). <i>Powder Diffraction</i> , 2004, 19, 100-103.	0.4	1
87	Spectral Imaging and Automated Multivariate Statistical Analysis of the Ourique Meteorite. <i>Microscopy and Microanalysis</i> , 2004, 10, 892-893.	0.2	0
88	Tomographic Spectral Imaging with a Dual-Beam FIB/SEM: 3D Microanalysis. <i>Microscopy and Microanalysis</i> , 2004, 10, 1132-1133.	0.2	5
89	FIB Preparation of Samples for EBSD: Applications to Wear Studies of MEMS Materials. <i>Microscopy and Microanalysis</i> , 2004, 10, 1130-1131.	0.2	0
90	Three-Dimensional (3D) Reconstruction of AlFeSi Intermetallic Particles in 6xxx Aluminum Alloys Using the Focused Ion Beam (FIB). <i>Microscopy and Microanalysis</i> , 2004, 10, 1138-1139.	0.2	9

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91	Development of Gd-Enriched Alloys for Spent Nuclear Fuel Applications - Part 1: Preliminary Characterization of Small Scale Gd-Enriched Stainless Steels. Journal of Materials Engineering and Performance, 2003, 12, 206-214.	1.2	25
92	Scanning Electron Microscopy and X-ray Microanalysis. , 2003, , .		1,309
93	Specimen Preparation of Hard Materials: Metals, Ceramics, Rocks, Minerals, Microelectronic and Packaged Devices, Particles, and Fibers. , 2003, , 537-564.		3
94	Automated Analysis of SEM X-Ray Spectral Images: A Powerful New Microanalysis Tool. Microscopy and Microanalysis, 2003, 9, 1-17.	0.2	297
95	Tomographic Spectral Imaging: Comprehensive 3D X-ray Microanalysis. Microscopy and Microanalysis, 2003, 9, 1004-1005.	0.2	5
96	Microstructure and Reliability of Surface Micromachined Polysilicon Used for MEMS. , 2003, , .		0
97	Characterization of Nanoparticle Films and Structures Using Focused Ion Beam Milling and Transmission Electron Microscopy. Microscopy and Microanalysis, 2002, 8, 1144-1145.	0.2	2
98	Application of FIB and TEM for the Characterization of Dewetting Behavior on Ceramics. Microscopy and Microanalysis, 2002, 8, 562-563.	0.2	3
99	Electron Backscatter Diffraction in the SEM: A Tutorial. Microscopy and Microanalysis, 2002, 8, 724-725.	0.2	4
100	Microstructural and mechanical properties investigation of electrodeposited and annealed LIGA nickel structures. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2002, 33, 539-554.	1.1	103
101	Improving the quality of electron backscatter diffraction (EBSD) patterns from nanoparticles. Journal of Microscopy, 2002, 206, 170-178.	0.8	26
102	Phase identification of individual crystalline particles by electron backscatter diffraction. Journal of Microscopy, 2001, 201, 59-69.	0.8	30
103	Use of reciprocal lattice layer spacing in electron backscatter diffraction pattern analysis. Ultramicroscopy, 2000, 81, 67-81.	0.8	50
104	EBSD of Ceramic Materials. , 2000, , 299-318.		13
105	Phase Identification Using Electron Backscatter Diffraction in the Scanning Electron Microscope. , 2000, , 75-89.		18
106	Residual thermal stresses in MoSi <sub>2</sub> Mo <sub>5</sub> Si <sub>3</sub> in-situ composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1999, 261, 261-269.	2.6	16
107	Comparison of ferroelectric domain assemblages in Pb(Zr,Ti)O <sub>3</sub> thin films and bulk ceramics. Ferroelectrics, 1999, 221, 209-218.	0.3	23
108	Iron oxide on (001) MgO. Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties, 1999, 79, 2887-2898.	0.8	8

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109	On the Influence of Applied Fields on Spinel Formation. Materials Research Society Symposia Proceedings, 1999, 586, 151.	0.1	3
110	SEM Analysis of Oxide Thin Films and Reactions. Journal of the American Ceramic Society, 1999, 82, 1644-1646.	1.9	9
111	Solidification of Nb-bearing superalloys: Part I. Reaction sequences. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 1998, 29, 2785-2796.	1.1	153
112	Energy Dispersive Spectrometry in the AEM. Microscopy and Microanalysis, 1998, 4, 186-187.	0.2	0
113	Single Crystals of $Pb(Mg_{1/3}Nb_{2/3})O_3 \approx 35 \text{ mol\% } PbTiO_3$ from Polycrystalline Precursors. Journal of the American Ceramic Society, 1998, 81, 244-248.	1.9	73
114	Solidification and welding metallurgy of Thermo-Span alloy. Science and Technology of Welding and Joining, 1997, 2, 220-230.	1.5	17
115	Electron Backscatter Diffraction In The Sem: Is Electron Diffraction In The Tem Obsolete?. Microscopy and Microanalysis, 1997, 3, 879-880.	0.2	3
116	Solidification and welding metallurgy of Thermo-Span alloy. Science and Technology of Welding and Joining, 1997, 2, 220-230.	1.5	5
117	Phase identification in a scanning electron microscope using backscattered electron Kikuchi patterns. Journal of Research of the National Institute of Standards and Technology, 1996, 101, 301.	0.4	85
118	Solder flow on narrow copper strips. Journal of Electronic Materials, 1996, 25, 1099-1107.	1.0	5
119	Microstructure and $90^\circ$ domain assemblages of $Pb(Zr, Ti)O_3 // RuO_2$ capacitors as a function of Zr-to-Ti stoichiometry. Journal of Materials Research, 1996, 11, 2309-2317.	1.2	23
120	Energy Dispersive X-Ray Spectrometry in Ultra-high Vacuum Environments. , 1995, , 83-99.		1
121	High spatial resolution x-ray microanalysis of interfaces. Proceedings Annual Meeting Electron Microscopy Society of America, 1995, 53, 284-285.	0.0	0
122	Massively parallel Monte Carlo simulations of images and analytical data for Electron Microscopy. Proceedings Annual Meeting Electron Microscopy Society of America, 1994, 52, 910-911.	0.0	0
123	Analysis of the reaction between 60Sn-40Pb solder with a Pd-Pt-Ag-Cu-Au alloy. Journal of Electronic Materials, 1993, 22, 185-194.	1.0	8
124	The Effect of Cu Alloying on Al Alloy Thin Films: Microstructural Mechanisms That Enhance Electromigration Resistance. Materials Research Society Symposia Proceedings, 1993, 309, 359.	0.1	10
125	Crystallographic phase identification in the SEM: Backscattered electron kikuchi patterns. Proceedings Annual Meeting Electron Microscopy Society of America, 1993, 51, 772-773.	0.0	1
126	High-spatial-resolution x-ray microanalysis: Comparison of experiment and incoherent scattering calculations. Proceedings Annual Meeting Electron Microscopy Society of America, 1993, 51, 590-591.	0.0	0



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127	Microstructural evolution of Pb(Zr, Ti)O <sub>3</sub> thin films prepared by hybrid metallo-organic decomposition. Journal of Materials Research, 1992, 7, 1876-1882.	1.2	116
128	Experimental determination of lightâ€element <i>k</i>â€factors using the extrapolation technique: Oxygen segregation in aluminium nitride. Journal of Microscopy, 1992, 167, 287-302.	0.8	17
129	Parallel simulation of electron-solid interactions for electron microscopy modeling. Journal of Supercomputing, 1992, 6, 139-151.	2.4	7
130	Definition of the spatial resolution of X-ray microanalysis in thin foils. Ultramicroscopy, 1992, 47, 121-132.	0.8	44
131	High-spatial-resolution microanalysis in the analytical electron microscope: a tutorial. Proceedings Annual Meeting Electron Microscopy Society of America, 1992, 50, 1122-1123.	0.0	0
132	Grain Boundary Chemistry in Al-Cu Metallizations as Determined by Analytical Electron Microscopy. Materials Research Society Symposia Proceedings, 1991, 229, 303.	0.1	10
133	<title>Effect of Cu at Al grain boundaries on electromigration behavior in Al thin films</title>. , 1991, , .		11
134	The spatial resolution of x-ray microanalysis in thin foils. Proceedings Annual Meeting Electron Microscopy Society of America, 1991, 49, 472-473.	0.0	0
135	The effects of both deviation from stoichiometry and boron on grain boundaries in Ni <sub>3</sub> Al. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1990, 62, 659-676.	0.6	45
136	Progress in the Design of an Improved High-Temperature 1 Percent CrMoV Rotor Steel. Journal of Engineering Materials and Technology, Transactions of the ASME, 1990, 112, 99-115.	0.8	4
137	The measurement and calculation of the Xâ€ray spatial resolution obtained in the analytical electron microscope. Journal of Microscopy, 1990, 160, 41-53.	0.8	52
138	Crystallography of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6+x</sub> thin film-substrate interfaces. Journal of Materials Research, 1989, 4, 1072-1081.	1.2	147
139	The effects of probe characteristics and specimen thickness on the spatial resolution in the AEM. Proceedings Annual Meeting Electron Microscopy Society of America, 1989, 47, 202-203.	0.0	0
140	High-resolution x-ray elemental images. Proceedings Annual Meeting Electron Microscopy Society of America, 1989, 47, 204-205.	0.0	0
141	Analytical electron microscopy of internally oxidized low Si-Al steel. Metallurgical and Materials Transactions A - Physical Metallurgy and Materials Science, 1988, 19, 953-959.	1.4	4
142	Analytical electron microscopy of internally oxidized mn-p steel. Metallurgical and Materials Transactions A - Physical Metallurgy and Materials Science, 1988, 19, 1876-1878.	1.4	0
143	AEM in Steel Research. Jom, 1988, 40, 8-12.	0.9	0
144	The effect of boron on the chemistry of grain boundaries in stoichiometric Ni <sub>3</sub> Al. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1988, 57, 379-385.	0.6	92

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145	A consistent definition of probe size and spatial resolution in the analytical electron microscope. Journal of Microscopy, 1987, 147, 289-303.	0.8	78
146	Carbonitride precipitation in niobium/vanadium microalloyed steels. Metallurgical and Materials Transactions A - Physical Metallurgy and Materials Science, 1987, 18, 211-222.	1.4	117
147	Austenite recrystallization in. Metallurgical and Materials Transactions A - Physical Metallurgy and Materials Science, 1987, 18, 481-483.	1.4	3
148	Carbonitride precipitation in niobium/vanadium microalloyed steels. Metallurgical and Materials Transactions A - Physical Metallurgy and Materials Science, 1987, 18, 211-222.	1.4	1
149	An analytical electron microscope study of the kinetics. Metallurgical and Materials Transactions A - Physical Metallurgy and Materials Science, 1984, 15, 99-105.	1.4	60
150	Initiation and growth of the grain boundary discontinuous precipitation reaction. Acta Metallurgica, 1981, 29, 1343-1355.	2.1	41
151	The Effects of 304L Stainless Steel Pre-Oxidation on Bonding to Alkali Barium Silicate Glass. Ceramic Engineering and Science Proceedings, 0, , 145-157.	0.1	2