

Matthew F Chisholm

List of Publications by Year in descending order

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139
papers

9,588
citations

53751

45
h-index

37183

96
g-index

143
all docs

143
docs citations

143
times ranked

13510
citing authors

#	ARTICLE	IF	CITATIONS
1	Atom-by-atom structural and chemical analysis by annular dark-field electron microscopy. <i>Nature</i> , 2010, 464, 571-574.	13.7	1,138
2	Strong polarization enhancement in asymmetric three-component ferroelectric superlattices. <i>Nature</i> , 2005, 433, 395-399.	13.7	627
3	PdSe ₂ : Pentagonal Two-Dimensional Layers with High Air Stability for Electronics. <i>Journal of the American Chemical Society</i> , 2017, 139, 14090-14097.	6.6	509
4	Atomically Dispersed Transition Metals on Carbon Nanotubes with Ultrahigh Loading for Selective Electrochemical Carbon Dioxide Reduction. <i>Advanced Materials</i> , 2018, 30, e1706287.	11.1	459
5	Reversible redox reactions in an epitaxially stabilized SrCoO _x oxygen sponge. <i>Nature Materials</i> , 2013, 12, 1057-1063.	13.3	349
6	Defect-Tailoring Mediated Electron-Hole Separation in Single-Unit-Cell Bi ₃ O ₄ Br Nanosheets for Boosting Photocatalytic Hydrogen Evolution and Nitrogen Fixation. <i>Advanced Materials</i> , 2019, 31, e1807576.	11.1	311
7	Spatially controlled doping of two-dimensional SnS ₂ through intercalation for electronics. <i>Nature Nanotechnology</i> , 2018, 13, 294-299.	15.6	269
8	Catalytically active single-atom niobium in graphitic layers. <i>Nature Communications</i> , 2013, 4, 1924.	5.8	261
9	Bismuth-induced embrittlement of copper grain boundaries. <i>Nature Materials</i> , 2004, 3, 621-626.	13.3	242
10	Wide bandgap tunability in complex transition metal oxides by site-specific substitution. <i>Nature Communications</i> , 2012, 3, 689.	5.8	237
11	Growth and microstructure of superconducting YBa ₂ Cu ₃ O _x single crystals. <i>Journal of Crystal Growth</i> , 1987, 85, 593-598.	0.7	219
12	MATERIALS CHARACTERIZATION IN THE ABERRATION-CORRECTED SCANNING TRANSMISSION ELECTRON MICROSCOPE. <i>Annual Review of Materials Research</i> , 2005, 35, 539-569.	4.3	188
13	Growth and relaxation mechanisms of YBa ₂ Cu ₃ O _{7-x} films. <i>Physica C: Superconductivity and Its Applications</i> , 1992, 202, 1-11.	0.6	176
14	Gentle STEM: ADF imaging and EELS at low primary energies. <i>Ultramicroscopy</i> , 2010, 110, 935-945.	0.8	174
15	Solid-state synthesis of ordered mesoporous carbon catalysts via a mechanochemical assembly through coordination cross-linking. <i>Nature Communications</i> , 2017, 8, 15020.	5.8	164
16	Rhenium-Doped and Stabilized MoS ₂ Atomic Layers with Basal-Plane Catalytic Activity. <i>Advanced Materials</i> , 2018, 30, e1803477.	11.1	164
17	Dislocations in Complex Materials. <i>Science</i> , 2005, 307, 701-703.	6.0	156
18	The atomic origins of reduced critical currents at [001] tilt grain boundaries in YBa ₂ Cu ₃ O _{7-x} thin films. <i>Physica C: Superconductivity and Its Applications</i> , 1998, 294, 183-193.	0.6	150

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19	Suppressed Dependence of Polarization on Epitaxial Strain in Highly Polar Ferroelectrics. Physical Review Letters, 2007, 98, 217602.	2.9	146
20	Atomic-Scale Compensation Phenomena at Polar Interfaces. Physical Review Letters, 2010, 105, 197602.	2.9	146
21	Crown ethers in graphene. Nature Communications, 2014, 5, 5389.	5.8	142
22	Topological Defects: Origin of Nanopores and Enhanced Adsorption Performance in Nanoporous Carbon. Small, 2012, 8, 3283-3288.	5.2	139
23	Direct observation of dislocation dissociation and Suzuki segregation in a Mg ϵ -Zn ϵ -Y alloy by aberration-corrected scanning transmission electron microscopy. Acta Materialia, 2013, 61, 350-359.	3.8	126
24	Ionization-induced annealing of pre-existing defects in silicon carbide. Nature Communications, 2015, 6, 8049.	5.8	116
25	Engineering Ferroelectric Hf _{0.5} Zr _{0.5} O ₂ Thin Films by Epitaxial Stress. ACS Applied Electronic Materials, 2019, 1, 1449-1457.	2.0	105
26	Single-crystal high entropy perovskite oxide epitaxial films. Physical Review Materials, 2018, 2, .	0.9	102
27	Correlation between hole depletion and atomic structure at high angle grain boundaries in YBa ₂ Cu ₃ O ₇ δ . Physica C: Superconductivity and Its Applications, 1993, 212, 185-190.	0.6	99
28	Synergy of elastic and inelastic energy loss on ion track formation in SrTiO ₃ . Scientific Reports, 2015, 5, 7726.	1.6	98
29	Orienting Oxygen Vacancies for Fast Catalytic Reaction. Advanced Materials, 2013, 25, 6459-6463.	11.1	96
30	The observation of square ice in graphene questioned. Nature, 2015, 528, E1-E2.	13.7	95
31	The effect of growth parameters on the intrinsic properties of large-area single layer graphene grown by chemical vapor deposition on Cu. Carbon, 2012, 50, 134-141.	5.4	92
32	Effects of Surface Terminations of 2D Bi ₂ WO ₆ on Photocatalytic Hydrogen Evolution from Water Splitting. ACS Applied Materials & Interfaces, 2020, 12, 20067-20074.	4.0	78
33	Stabilization of graphene nanopore. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7522-7526.	3.3	76
34	Thermal stability of epitaxial SrRuO ₃ films as a function of oxygen pressure. Applied Physics Letters, 2004, 84, 4107-4109.	1.5	71
35	The synergistic role of Mn and Zr/Ti in producing ϵ -L12 co-precipitates in Al-Cu alloys. Acta Materialia, 2020, 194, 577-586.	3.8	71
36	Observation of structural units at symmetric [001] tilt boundaries in SrTiO ₃ . Journal of Materials Science, 1995, 2, 397.	1.2	70

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37	The structure of ϵ -type dislocation loops in magnesium. <i>Philosophical Magazine Letters</i> , 2014, 94, 377-386.	0.5	70
38	Atomic-resolution spectroscopic imaging: past, present and future. <i>Journal of Electron Microscopy</i> , 2009, 58, 87-97.	0.9	66
39	Oxidation Resistance of Reactive Atoms in Graphene. <i>Nano Letters</i> , 2012, 12, 4651-4655.	4.5	64
40	An electron microscopy study of dislocation structures in Mg single crystals compressed along $[0001]$ at room temperature. <i>Philosophical Magazine</i> , 2015, 95, 3910-3932.	0.7	61
41	Domain-Matching Epitaxy of Ferroelectric $\text{Hf}_{0.5}\text{Zr}_{0.5}\text{O}_2(111)$ on $\text{La}_{2/3}\text{Sr}_{1/3}\text{MnO}_3(001)$. <i>Crystal Growth and Design</i> , 2020, 20, 3801-3806.	1.4	60
42	Surface Reorganization Leads to Enhanced Photocatalytic Activity in Defective BiOCl . <i>Chemistry of Materials</i> , 2018, 30, 5128-5136.	3.2	55
43	Role of crystal defects on brittleness of $\text{C15 Cr}_2\text{Nb}$ Laves phase. <i>Acta Materialia</i> , 2012, 60, 2637-2646.	3.8	53
44	Ambipolar ferromagnetism by electrostatic doping of a manganite. <i>Nature Communications</i> , 2018, 9, 1897.	5.8	51
45	Atomic Layer Engineering of Perovskite Oxides for Chemically Sharp Heterointerfaces. <i>Advanced Materials</i> , 2012, 24, 6423-6428.	11.1	49
46	Controlling Reaction Selectivity through the Surface Termination of Perovskite Catalysts. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9820-9824.	7.2	47
47	Protecting the Nanoscale Properties of Ag Nanowires with a Solution-Grown SnO_2 Monolayer as Corrosion Inhibitor. <i>Journal of the American Chemical Society</i> , 2019, 141, 13977-13986.	6.6	45
48	Ultrathin GaN quantum disk nanowire LEDs with sub-250 nm electroluminescence. <i>Nanoscale</i> , 2016, 8, 8024-8032.	2.8	44
49	Unsupported single-atom-thick copper oxide monolayers. <i>2D Materials</i> , 2017, 4, 011001.	2.0	44
50	Unraveling Ferroelectric Polarization and Ionic Contributions to Electroresistance in Epitaxial $\text{Hf}_{0.5}\text{Zr}_{0.5}\text{O}_2$ Tunnel Junctions. <i>Advanced Electronic Materials</i> , 2020, 6, 1900852.	2.6	44
51	SUPERNOVA SHOCK-WAVE-INDUCED CO-FORMATION OF GLASSY CARBON AND NANODIAMOND. <i>Astrophysical Journal Letters</i> , 2011, 738, L27.	3.0	42
52	Misfit accommodation in oxide thin film heterostructures. <i>Acta Materialia</i> , 2013, 61, 2725-2733.	3.8	42
53	Persistent Electrochemical Performance in Epitaxial $\text{VO}_2(\text{B})$. <i>Nano Letters</i> , 2017, 17, 2229-2233.	4.5	41
54	Dislocation-driven growth of two-dimensional lateral quantum-well superlattices. <i>Science Advances</i> , 2018, 4, eaap9096.	4.7	38

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55	Direct Observation of Atomic Dynamics and Silicon Doping at a Topological Defect in Graphene. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8908-8912.	7.2	37
56	Atomic-scale structure and chemistry of ceramic/metal interfaces [†] . Atomic structure of {222} MgO/Cu (Ag) interfaces. <i>Acta Materialia</i> , 1999, 47, 3939-3951.	3.8	36
57	Concurrent Synthesis of High-Performance Monolayer Transition Metal Disulfides. <i>Advanced Functional Materials</i> , 2017, 27, 1605896.	7.8	35
58	Fast ion conductivity in strained defect-fluorite structure created by ion tracks in Gd ₂ Ti ₂ O ₇ . <i>Scientific Reports</i> , 2015, 5, 16297.	1.6	33
59	Tungsten Diselenide Patterning and Nanoribbon Formation by Gas-Assisted Focused-Helium-Ion-Beam-Induced Etching. <i>Small Methods</i> , 2017, 1, 1600060.	4.6	33
60	Precipitation of binary quasicrystals along dislocations. <i>Nature Communications</i> , 2018, 9, 809.	5.8	30
61	Spatial Resolution and Information Transfer in Scanning Transmission Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2008, 14, 36-47.	0.2	27
62	Colossal photon bunching in quasiparticle-mediated nanodiamond cathodoluminescence. <i>Physical Review B</i> , 2018, 97, .	1.1	26
63	Atomic-scale manipulation of potential barriers at SrTiO ₃ grain boundaries. <i>Applied Physics Letters</i> , 2005, 87, 121917.	1.5	25
64	Scanning transmission electron microscopy: Albert Crewe's vision and beyond. <i>Ultramicroscopy</i> , 2012, 123, 90-98.	0.8	25
65	Pulsed-laser epitaxy of metallic delafossite PdCrO ₂ films. <i>APL Materials</i> , 2020, 8, .	2.2	25
66	Metal-insulator transition tuned by oxygen vacancy migration across TiO ₂ /VO ₂ interface. <i>Scientific Reports</i> , 2020, 10, 18554.	1.6	24
67	Low-Temperature Resistance Anomaly at SrTiO ₃ Grain Boundaries: Evidence for an Interface-Induced Phase Transition. <i>Physical Review Letters</i> , 2005, 95, 197601.	2.9	23
68	Symmetry-Driven Atomic Rearrangement at a Brownmillerite-Perovskite Interface. <i>Advanced Electronic Materials</i> , 2016, 2, 1500201.	2.6	23
69	Control of Polar Orientation and Lattice Strain in Epitaxial BaTiO ₃ Films on Silicon. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25529-25535.	4.0	23
70	Direct Cation Exchange in Monolayer MoS ₂ via Recombination-Enhanced Migration. <i>Physical Review Letters</i> , 2019, 122, 106101.	2.9	21
71	Rotational polarization nanotopologies in BaTiO ₃ /SrTiO ₃ superlattices. <i>Nanoscale</i> , 2019, 11, 21275-21283.	2.8	21
72	Role of shell composition and morphology in achieving single-emitter photostability for green-emitting Cd^{2+} -quantum dots. <i>Journal of Chemical Physics</i> , 2020, 152, 124713.	1.2	20

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73	Chapter 9 Materials Applications of Aberration-Corrected Scanning Transmission Electron Microscopy. <i>Advances in Imaging and Electron Physics</i> , 2008, , 327-384.	0.1	19
74	Controlling Reaction Selectivity through the Surface Termination of Perovskite Catalysts. <i>Angewandte Chemie</i> , 2017, 129, 9952-9956.	1.6	19
75	One-Pot Pyrolysis Method to Fabricate Carbon Nanotube Supported Ni Single-Atom Catalysts with Ultrahigh Loading. <i>ACS Applied Energy Materials</i> , 0, , .	2.5	19
76	Z-Contrast Imaging of Grain-Boundary Core Structures in Semiconductors. <i>MRS Bulletin</i> , 1997, 22, 53-57.	1.7	18
77	Nanoscale self-templating for oxide epitaxy with large symmetry mismatch. <i>Scientific Reports</i> , 2016, 6, 38168.	1.6	18
78	Quantum critical behavior in the asymptotic limit of high disorder in the medium entropy alloy NiCoCr _{0.8} . <i>Npj Quantum Materials</i> , 2017, 2, .	1.8	18
79	Atomic structures of interfacial solute gateways to δ precipitates in Al-Cu alloys. <i>Acta Materialia</i> , 2021, 212, 116891.	3.8	18
80	The Electronic Structure of Pristine and Doped (100) Tilt Grain Boundaries in SrTiO ₃ . <i>Journal of Materials Science</i> , 2000, 8, 199-208.	1.2	16
81	Effects of Negative-Bias-Temperature-Instability on Low-Frequency Noise in SiGe p MOSFETs. <i>IEEE Transactions on Device and Materials Reliability</i> , 2016, 16, 541-548.	1.5	16
82	Effect of indium alloying on the charge carrier dynamics of thick-shell InP/ZnSe quantum dots. <i>Journal of Chemical Physics</i> , 2020, 152, 161104.	1.2	16
83	A combined experimental and theoretical approach to grain boundary structure and segregation. <i>Physica B: Condensed Matter</i> , 1999, 273-274, 453-457.	1.3	15
84	Spontaneous cationic ordering in chemical-solution-grown La ₂ CoMnO ₆ double perovskite thin films. <i>NPG Asia Materials</i> , 2019, 11, .	3.8	15
85	Strain-Induced Atomic-Scale Building Blocks for Ferromagnetism in Epitaxial LaCoO ₃ . <i>Nano Letters</i> , 2021, 21, 4006-4012.	4.5	15
86	Insights on dramatic radial fluctuations in track formation by energetic ions. <i>Scientific Reports</i> , 2016, 6, 27196.	1.6	14
87	Monoatomic Fe Centers in Nitrogen/Carbon Monolayers for Liquid-Phase Selective Oxidation Reaction. <i>ChemCatChem</i> , 2018, 10, 3539-3545.	1.8	14
88	Atomic Structure and Properties of Extended Defects in Silicon. <i>Solid State Phenomena</i> , 1999, 67-68, 3-14.	0.3	13
89	New insights on ion track morphology in pyrochlores by aberration corrected scanning transmission electron microscopy. <i>Journal of Materials Research</i> , 2017, 32, 928-935.	1.2	13
90	{001} faults in B2 Fe-40 at.% Al-0.7 at.% C-0.5 at.% B. <i>Philosophical Magazine Letters</i> , 1998, 78, 349-355.	0.5	11

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91	Structures of pure and Ca-segregated MgO (001) surfaces. Surface Science, 1999, 442, 251-255.	0.8	11
92	Title is missing!. , 2000, 4, 279-287.		11
93	Intrinsic interfacial van der Waals monolayers and their effect on the high-temperature superconductor FeSe Physical Review B, 2019, 100, .	1.1	11
94	Detection of defects in atomic-resolution images of materials using cycle analysis. Advanced Structural and Chemical Imaging, 2020, 6, .	4.0	11
95	Direct observation of solute interstitials and their clusters in Mg alloys. Materials Characterization, 2017, 128, 226-231.	1.9	10
96	A Combined Experimental and Theoretical Approach to Atomic Structure and Segregation at Ceramic Interfaces. Journal of the European Ceramic Society, 1999, 19, 2211-2216.	2.8	9
97	Activation Energies for Oxide- and Interface-Trap Charge Generation Due to Negative-Bias Temperature Stress of Si-Capped SiGe-pMOSFETs. IEEE Transactions on Device and Materials Reliability, 2015, 15, 352-358.	1.5	9
98	Magnetic Ordering in $\text{Sr}_3\text{YCo}_4\text{O}_{10+x}$. Scientific Reports, 2016, 6, 19762.	1.6	9
99	Vacancy Formation and Vacancy-Induced Structural Transformation in Si Grain Boundaries. Materials Science Forum, 1998, 294-296, 161-164.	0.3	8
100	Atomic-Resolution STEM at Low Primary Energies. , 2011, , 615-658.		8
101	Single-Atom Catalysts: Atomically Dispersed Transition Metals on Carbon Nanotubes with Ultrahigh Loading for Selective Electrochemical Carbon Dioxide Reduction (Adv. Mater. 13/2018). Advanced Materials, 2018, 30, 1870088.	11.1	8
102	Templated epitaxy of $\text{TiO}_2(\text{B})$ on a perovskite. Applied Physics Letters, 2020, 117, .	1.5	8
103	Interfacial stabilization for epitaxial CuCrO_2 delafossites. Scientific Reports, 2020, 10, 11375.	1.6	8
104	Total Ionizing Dose Effects on Ge Channel FETs with Raised $\text{Si}_{0.55}\text{Ge}_{0.45}$ Source/Drain. IEEE Transactions on Nuclear Science, 2015, 62, 2412-2416.	1.2	7
105	Sculpting Nanoscale Functional Channels in Complex Oxides Using Energetic Ions and Electrons. ACS Applied Materials & Interfaces, 2018, 10, 16731-16738.	4.0	7
106	Investigating phase transitions from local crystallographic analysis based on statistical learning of atomic environments in 2D MoS_2 - ReS_2 . Applied Physics Reviews, 2021, 8, 011409.	5.5	7
107	Twin-Domain Formation in Epitaxial Triangular Lattice Delafossites. ACS Applied Materials & Interfaces, 2021, 13, 22059-22064.	4.0	7
108	Nonequilibrium Synthesis of Highly Porous Single-Crystalline Oxide Nanostructures. Advanced Materials Interfaces, 2017, 4, 1601034.	1.9	6

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109	Kinetically Controlled Fabrication of Single-Crystalline TiO ₂ Nanobrush Architectures with High Energy {001} Facets. <i>Advanced Science</i> , 2017, 4, 1700045.	5.6	5
110	Atomic-scale processes revealing dynamic twin boundary strengthening mechanisms in face-centered cubic materials. <i>Scripta Materialia</i> , 2012, 67, 911-914.	2.6	4
111	Tuning High Order Geometric Aberrations in Quadrupole-Octupole Correctors. <i>Microscopy and Microanalysis</i> , 2014, 20, 928-929.	0.2	4
112	Amorphization and recrystallization of YBa ₂ Cu ₃ O _{7-x} by ion implantation and annealing. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1993, 79, 641-644.	0.6	3
113	Letter to the Editor: Limitations to the Measurement of Oxygen Concentrations by HRTEM Imposed by Surface Roughness. <i>Microscopy and Microanalysis</i> , 2005, 11, 111-113.	0.2	3
114	Nanoporous Carbon: Topological Defects: Origin of Nanopores and Enhanced Adsorption Performance in Nanoporous Carbon (<i>Small</i> 21/2012). <i>Small</i> , 2012, 8, 3282-3282.	5.2	3
115	Effective reduction of PdCoO_2 thin films via hydrogenation and sign tunable anomalous Hall effect. <i>Physical Review Materials</i> , 2021, 5, .	0.9	3
116	High Resolution Z-Contrast Observation of GaAs/Si Hetero-Interfaces through Scanning Transmission Electron Microscope. <i>Japanese Journal of Applied Physics</i> , 1992, 31, L1788-L1790.	0.8	2
117	Publisher's Note: Suppressed Dependence of Polarization on Epitaxial Strain in Highly Polar Ferroelectrics [<i>Phys. Rev. Lett.</i> 98, 217602 (2007)]. <i>Physical Review Letters</i> , 2007, 98, .	2.9	2
118	Anti-Site Defects in Perovskite YAlO ₃ :Ce Using Aberration-Corrected STEM. <i>Microscopy and Microanalysis</i> , 2014, 20, 132-133.	0.2	2
119	Two-dimensional metamaterials for epitaxial heterostructures. <i>Current Opinion in Solid State and Materials Science</i> , 2014, 18, 46-52.	5.6	2
120	Atomic resolution chemical analysis. <i>Advanced Materials</i> , 1994, 6, 328-331.	11.1	1
121	Stabilization of Nanopores in Graphene. <i>Microscopy and Microanalysis</i> , 2014, 20, 1732-1733.	0.2	1
122	Functionalization of Graphene. <i>Microscopy and Microanalysis</i> , 2015, 21, 737-738.	0.2	1
123	Formation of Single-atom-thick Copper Oxide Monolayers. <i>Microscopy and Microanalysis</i> , 2017, 23, 1684-1685.	0.2	1
124	Oxide Epitaxy with Large Symmetry Mismatch: Bronze-phase VO ₂ on SrTiO ₃ . <i>Microscopy and Microanalysis</i> , 2017, 23, 1580-1581.	0.2	1
125	Thermodynamics of order and randomness in dopant distributions inferred from atomically resolved imaging. <i>Npj Computational Materials</i> , 2021, 7, .	3.5	1
126	Complex Diffusive Processes in Silicon. <i>Defect and Diffusion Forum</i> , 1997, 143-147, 971-978.	0.4	0

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127	Atomic scale investigations of ferroelectricity in perovskite thin films. , 2008, , .		0
128	Nanoengineering: Atomic Layer Engineering of Perovskite Oxides for Chemically Sharp Heterointerfaces (Adv. Mater. 48/2012). Advanced Materials, 2012, 24, 6422-6422.	11.1	0
129	Direct Observation of Plasmonic Enhancement of Emission in Ag-nanoparticle-decorated ZnO nanostructures. Microscopy and Microanalysis, 2015, 21, 2389-2390.	0.2	0
130	Probing Plasmons in Three Dimensions within Random Morphology Nanostructures. Microscopy and Microanalysis, 2015, 21, 1683-1684.	0.2	0
131	Inversion of STEM EELS Data to Obtain Site Occupancy and Near Edge Structure. Microscopy and Microanalysis, 2015, 21, 2251-2252.	0.2	0
132	Pushing the Limits of Cathodoluminescence Signal Detection: Analyzing 2D Materials. Microscopy and Microanalysis, 2015, 21, 2049-2050.	0.2	0
133	Atomic Resolution STEM-EELS Study of Transition Electronic Localization State Induced by Strain. Microscopy and Microanalysis, 2015, 21, 617-618.	0.2	0
134	Observing Nanoscale Orbital Angular Momentum in Plasmon Vortices with Cathodoluminescence. Microscopy and Microanalysis, 2017, 23, 1694-1695.	0.2	0
135	Quantification of Low Voltage Images of 2-dimensional Materials in Aberration Corrected Scanning Transmission Electron Microscopy.. Microscopy and Microanalysis, 2017, 23, 464-465.	0.2	0
136	Exchange of Re and Mo atoms in MoS2 driven by Scanning Transmission Electron Microscopy. Microscopy and Microanalysis, 2017, 23, 1702-1703.	0.2	0
137	Mapping Giant Oscillator Excitons in Semiconducting Nano Wires. Microscopy and Microanalysis, 2017, 23, 374-375.	0.2	0
138	Dislocation-Driven Growth of Two-Dimensional Lateral Quantum Well Superlattices. Microscopy and Microanalysis, 2018, 24, 88-89.	0.2	0
139	Determination of rutile transition metal oxide (110) surface terminations by scanning tunneling microscopy contrast reversal. Physical Review B, 2021, 103, .	1.1	0