

Patricia A Carvalho

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5003759/publications.pdf>

Version: 2024-02-01

152
papers

2,268
citations

201385

27
h-index

264894

42
g-index

152
all docs

152
docs citations

152
times ranked

3587
citing authors

#	ARTICLE	IF	CITATIONS
1	First hexagonal close packed high-entropy alloy with outstanding stability under extreme conditions and electrocatalytic activity for methanol oxidation. <i>Scripta Materialia</i> , 2017, 138, 22-27.	2.6	174
2	Docosahexaenoic Acid Inhibits <i>Helicobacter pylori</i> Growth In Vitro and Mice Gastric Mucosa Colonization. <i>PLoS ONE</i> , 2012, 7, e35072.	1.1	90
3	Star-shaped magnetite@gold nanoparticles for protein magnetic separation and SERS detection. <i>RSC Advances</i> , 2014, 4, 3690-3698.	1.7	86
4	Electron transport and optical characteristics in amorphous indium zinc oxide films. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 1471-1474.	1.5	83
5	Determination of dislocation density from hardness measurements in metals. <i>Materials Letters</i> , 2008, 62, 3812-3814.	1.3	81
6	One-pot synthesis of triangular gold nanoplates allowing broad and fine tuning of edge length. <i>Nanoscale</i> , 2010, 2, 2209.	2.8	73
7	Green photocatalytic synthesis of stable Au and Ag nanoparticles. <i>Green Chemistry</i> , 2009, 11, 1889.	4.6	69
8	New insights into the use of magnetic force microscopy to discriminate between magnetic and nonmagnetic nanoparticles. <i>Nanotechnology</i> , 2010, 21, 305706.	1.3	59
9	Nontuberculous mycobacteria pathogenesis and biofilm assembly. <i>International Journal of Mycobacteriology</i> , 2015, 4, 36-43.	0.3	59
10	Paper Microfluidics and Tailored Gold Nanoparticles for Nonenzymatic, Colorimetric Multiplex Biomarker Detection. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 3576-3590.	4.0	56
11	Influence of Mesoporous Silica Properties on Cyclic Carbonate Synthesis Catalysed by Supported Aluminium(Salen) Complexes. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 345-354.	2.1	50
12	Occurrence, characterisation and fate of (nano)particulate Ti and Ag in two Norwegian wastewater treatment plants. <i>Water Research</i> , 2018, 141, 19-31.	5.3	46
13	HRTEM study of Co ₇ W ₆ and its typical defect structure. <i>Acta Materialia</i> , 2000, 48, 2703-2712.	3.8	44
14	Nickel-carbon nanocomposites: Synthesis, structural changes and strengthening mechanisms. <i>Acta Materialia</i> , 2012, 60, 737-747.	3.8	44
15	Exploring Dangerous Connections between <i>Klebsiella pneumoniae</i> Biofilms and Healthcare-Associated Infections. <i>Pathogens</i> , 2014, 3, 720-731.	1.2	44
16	Cubic silicon carbide as a potential photovoltaic material. <i>Solar Energy Materials and Solar Cells</i> , 2016, 145, 104-108.	3.0	41
17	Cu ₂ O polyhedral nanowires produced by microwave irradiation. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6097.	2.7	39
18	Ecotoxicological Effects of Transformed Silver and Titanium Dioxide Nanoparticles in the Effluent from a Lab-Scale Wastewater Treatment System. <i>Environmental Science & Technology</i> , 2018, 52, 9431-9441.	4.6	39

#	ARTICLE	IF	CITATIONS
19	Photocatalytic behavior of TiO ₂ films synthesized by microwave irradiation. <i>Catalysis Today</i> , 2016, 278, 262-270.	2.2	37
20	Noble-Metal-Free Memristive Devices Based on IGZO for Neuromorphic Applications. <i>Advanced Electronic Materials</i> , 2020, 6, 2000242.	2.6	35
21	Automated workstation for variable composition laser cladding – its use for rapid alloy scanning. <i>Surface and Coatings Technology</i> , 1995, 72, 62-70.	2.2	34
22	Black Anatase TiO ₂ Nanotubes with Tunable Orientation for High Performance Supercapacitors. <i>Journal of Physical Chemistry C</i> , 2019, 123, 21931-21940.	1.5	33
23	Stacking faults in the Co ₇ W ₆ isomorph of the 1/4 phase. <i>Scripta Materialia</i> , 2001, 45, 333-340.	2.6	32
24	Consolidation of W-Ta composites: Hot isostatic pressing and spark and pulse plasma sintering. <i>Fusion Engineering and Design</i> , 2015, 98-99, 1950-1955.	1.0	31
25	Enhancement of thermoelectric properties by energy filtering: Theoretical potential and experimental reality in nanostructured ZnSb. <i>Journal of Applied Physics</i> , 2016, 119, .	1.1	31
26	Laser developed Al-Mo surface alloys: Microstructure, mechanical and wear behaviour. <i>Surface and Coatings Technology</i> , 2006, 200, 4782-4790.	2.2	29
27	Characterization of copper-cementite nanocomposite produced by mechanical alloying. <i>Acta Materialia</i> , 2005, 53, 967-976.	3.8	28
28	On the fcc to bcc transformation in Co-W alloys. <i>Acta Materialia</i> , 2002, 50, 4511-4526.	3.8	27
29	Cytoadherence of erythrocytes invaded by Plasmodium falciparum: Quantitative contact-probing of a human malaria receptor. <i>Acta Biomaterialia</i> , 2013, 9, 6349-6359.	4.1	27
30	Europium Polyoxometalates Encapsulated in Silica Nanoparticles – Characterization and Photoluminescence Studies. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2877-2886.	1.0	26
31	Tailoring Upconversion and Morphology of Yb/Eu Doped Y ₂ O ₃ Nanostructures by Acid Composition Mediation. <i>Nanomaterials</i> , 2019, 9, 234.	1.9	24
32	On Cr ₂ N precipitation mechanisms in high-nitrogen austenite. <i>Philosophical Magazine</i> , 2008, 88, 229-242.	0.7	23
33	Production of Cu/diamond composites for first-wall heat sinks. <i>Fusion Engineering and Design</i> , 2011, 86, 2589-2592.	1.0	23
34	The effects of tantalum addition on the microtexture and mechanical behaviour of tungsten for ITER applications. <i>Journal of Nuclear Materials</i> , 2015, 467, 949-955.	1.3	23
35	Leakage evolution and atomic-scale changes in Pd-based membranes induced by long-term hydrogen permeation. <i>Journal of Membrane Science</i> , 2018, 563, 398-404.	4.1	23
36	Synergistic helium and deuterium blistering in tungsten-tantalum composites. <i>Journal of Nuclear Materials</i> , 2013, 442, 69-74.	1.3	21

#	ARTICLE	IF	CITATIONS
37	Characterization of airborne particles generated from metal active gas welding process. <i>Inhalation Toxicology</i> , 2014, 26, 345-352.	0.8	21
38	Laser alloying of zinc with aluminum: solidification structures. <i>Surface and Coatings Technology</i> , 1997, 91, 158-166.	2.2	20
39	Mechanical synthesis of copper-carbon nanocomposites: Structural changes, strengthening and thermal stabilization. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2011, 528, 8610-8620.	2.6	20
40	Blistering of W-Ta composites at different irradiation energies. <i>Journal of Nuclear Materials</i> , 2013, 438, S1032-S1035.	1.3	20
41	Half-Heusler phase formation and Ni atom distribution in M-Ni-Sn (M= Hf, Ti, Zr) systems. <i>Acta Materialia</i> , 2018, 148, 216-224.	3.8	20
42	<i>Helicobacter pylori</i> Phage Screening. <i>Microscopy and Microanalysis</i> , 2008, 14, 150-151.	0.2	19
43	Structure and Growth of Sialoliths: Computed Microtomography and Electron Microscopy Investigation of 30 Specimens. <i>Microscopy and Microanalysis</i> , 2013, 19, 1190-1203.	0.2	19
44	Hydrogenic retention of high-Z refractory metals exposed to ITER divertor-relevant plasma conditions. <i>Nuclear Fusion</i> , 2010, 50, 055004.	1.6	17
45	Effects of helium and deuterium irradiation on SPS sintered W-Ta composites at different temperatures. <i>Journal of Nuclear Materials</i> , 2013, 442, S251-S255.	1.3	17
46	WC-Cu thermal barriers for fusion applications. <i>Surface and Coatings Technology</i> , 2018, 355, 222-226.	2.2	17
47	Erosion and re-deposition processes in JET tiles studied with ion beams. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010, 268, 1991-1996.	0.6	15
48	Formation of hydrogen bubbles in Pd-Ag membranes during H ₂ permeation. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 7488-7496.	3.8	15
49	Consolidation of Cu-nDiamond Nanocomposites: Hot Extrusion vs Spark Plasma Sintering. <i>Materials Science Forum</i> , 2010, 636-637, 682-687.	0.3	14
50	Charging effects and surface potential variations of Cu-based nanowires. <i>Thin Solid Films</i> , 2016, 601, 45-53.	0.8	14
51	Room Temperature Synthesis of Cu ₂ O Nanospheres: Optical Properties and Thermal Behavior. <i>Microscopy and Microanalysis</i> , 2015, 21, 108-119.	0.2	13
52	Microstructural characterization of the ODS Eurofer 97 EU-batch. <i>Fusion Engineering and Design</i> , 2011, 86, 2386-2389.	1.0	12
53	Dislocation structures in nanoindented ductile metals—a transmission electron microscopy direct observation. <i>Journal Physics D: Applied Physics</i> , 2011, 44, 335402.	1.3	12
54	Tungsten-nanodiamond composite powders produced by ball milling. <i>Journal of Nuclear Materials</i> , 2012, 426, 115-119.	1.3	12

#	ARTICLE	IF	CITATIONS
55	New WC-Cu thermal barriers for fusion applications: High temperature mechanical behaviour. Journal of Nuclear Materials, 2018, 498, 355-361.	1.3	12
56	On the Structural Diversity of Sialoliths. Microscopy and Microanalysis, 2007, 13, 390-396.	0.2	11
57	Isothermal section at 950°C of the U-Fe-B ternary system. Intermetallics, 2007, 15, 413-418.	1.8	11
58	Formation and delamination of beryllium carbide films. Journal of Nuclear Materials, 2013, 442, S320-S324.	1.3	11
59	Helium and deuterium irradiation effects in W-Ta composites produced by pulse plasma compaction. Journal of Nuclear Materials, 2017, 492, 105-112.	1.3	11
60	Laser alloying of zinc with aluminum: solidification behavior. Acta Materialia, 1998, 46, 1781-1792.	3.8	10
61	High-resolution transmission electron microscopy study of discontinuously precipitated Ni ₃ Sn. Acta Materialia, 2000, 48, 4203-4215.	3.8	10
62	Identification of planar defects in D019 phases using high-resolution transmission electron microscopy. Philosophical Magazine Letters, 2001, 81, 697-707.	0.5	10
63	Pathogens in Ornamental Waters: A Pilot Study. International Journal of Environmental Research and Public Health, 2016, 13, 216.	1.2	10
64	Hardening in copper-based nanocomposites. Journal of Alloys and Compounds, 2007, 434-435, 301-303.	2.8	8
65	Structural and physical properties of the U ₉ Fe ₇ Ge ₂₄ uranium germanide. Intermetallics, 2011, 19, 841-847.	1.8	8
66	Ionic self-assembly reactions of a porphyrin octacation. Tetrahedron, 2016, 72, 6988-6995.	1.0	8
67	Microstructural evolution in tungsten and copper probes under hydrogen irradiation at ISTTOK. Journal of Nuclear Materials, 2009, 390-391, 1039-1042.	1.3	7
68	Synthesis of gold nanocubes in aqueous solution with remarkable shape-selectivity. Journal of Porphyrins and Phthalocyanines, 2011, 15, 441-448.	0.4	7
69	Notice on a methodology for characterizing emissions of ultrafine particles/nanoparticles in microenvironments. Energy and Emission Control Technologies, 0, , 15.	0.5	7
70	Magnetic microstructure of YFe ₁₁ Ti aggregates. Journal of Alloys and Compounds, 2009, 487, 11-17.	2.8	6
71	Surface composition and morphology changes of JET tiles under plasma interactions. Fusion Engineering and Design, 2011, 86, 2557-2560.	1.0	6
72	Tungsten-microdiamond composites for plasma facing components. Journal of Nuclear Materials, 2011, 416, 45-48.	1.3	6

#	ARTICLE	IF	CITATIONS
73	Exploring the Contribution of Mycobacteria Characteristics in Their Interaction with Human Macrophages. <i>Microscopy and Microanalysis</i> , 2013, 19, 1159-1169.	0.2	6
74	Emission of Nanoparticles During Friction Stir Welding (FSW) of Aluminium Alloys. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 924-930.	1.1	6
75	Boron-Implanted 3C-SiC for Intermediate Band Solar Cells. <i>Materials Science Forum</i> , 2016, 858, 291-294.	0.3	6
76	Transmission electron microscopy study of copper-carbon nanocomposite. <i>Materials Science and Technology</i> , 2006, 22, 673-678.	0.8	5
77	Grain boundary corrosion in TiO ₂ bone scaffolds doped with group II cations. <i>Journal of the European Ceramic Society</i> , 2019, 39, 1577-1585.	2.8	5
78	Mineralization of Sialoliths Investigated by <i>Ex Vivo</i> and <i>In Vivo</i> X-ray Computed Tomography. <i>Microscopy and Microanalysis</i> , 2019, 25, 151-163.	0.2	5
79	Regional bond strength to lateral walls in class I and II ceramic inlays luted with four resin cements and glass-ionomer luting agent. <i>Journal of Adhesive Dentistry</i> , 2011, 13, 455-65.	0.3	5
80	Laser Developed Al-Cr Surface Alloys: Microstructure, Mechanical and Wear Behaviour. <i>Materials Science Forum</i> , 2006, 514-516, 490-494.	0.3	4
81	Cascade of Peritectic Reactions in the B-Fe-U System. <i>Journal of Phase Equilibria and Diffusion</i> , 2010, 31, 104-112.	0.5	4
82	Studies on the new UFe ₂ B ₆ phase. <i>Journal of Alloys and Compounds</i> , 2010, 492, L13-L15.	2.8	4
83	Microstructures and magnetic domain configurations of NdFe ₁₁ Ti and Nd ₂ (Fe,Ti) ₁₇ aggregates. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 104, 1053-1060.	1.1	4
84	Liquidus Projection of the B-Fe-U Diagram: The Boron-Rich Corner. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2013, 44, 395-405.	1.1	4
85	On oral calcifications: sialoliths, dental calculi and tonsilloliths. <i>Microscopy and Microanalysis</i> , 2013, 19, 23-24.	0.2	4
86	Long- and short-range structures of Ti _{1-x} Hf _x Ni _{1.0/1.1} Sn half-Heusler compounds and their electric transport properties. <i>CrystEngComm</i> , 2019, 21, 3330-3342.	1.3	4
87	Stability of beryllium coatings deposited on carbon under annealing up to 1073 K. <i>Fusion Engineering and Design</i> , 2019, 146, 303-307.	1.0	4
88	ZnCr ₂ O ₄ Inclusions in ZnO Matrix Investigated by Probe-Corrected STEM-EELS. <i>Materials</i> , 2019, 12, 888.	1.3	4
89	MnO ₂ counter-electrode structure in Ta capacitors: A TEM study. <i>Acta Materialia</i> , 2005, 53, 4723-4732.	3.8	3
90	Copper-micrometer-sized diamond nanostructured composites. <i>Physica Scripta</i> , 2011, T145, 014069.	1.2	3

#	ARTICLE	IF	CITATIONS
91	Nanodiamond Dispersions in Nanostructured Metals. <i>Microscopy and Microanalysis</i> , 2012, 18, 73-74.	0.2	3
92	Liquidus Projection of the B-Fe-U Diagram: The Fe-Rich Corner. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2013, 44, 2270-2284.	1.1	3
93	Uniform Arrays of ZnO 1D Nanostructures Grown on Al:ZnO Seeds Layers by Hydrothermal Method. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 6701-6710.	0.9	3
94	Local Response of Sialoliths to Lithotripsy: Cues on Fragmentation Outcome. <i>Microscopy and Microanalysis</i> , 2017, 23, 584-598.	0.2	3
95	Boron-doping of cubic SiC for intermediate band solar cells: a scanning transmission electron microscopy study. <i>SciPost Physics</i> , 2018, 5, .	1.5	3
96	Thin films made by reactive sputtering of high entropy alloy FeCoNiCuGe: Optical, electrical and structural properties. <i>Thin Solid Films</i> , 2022, 744, 139083.	0.8	3
97	High entropy alloy CrFeNiCoCu sputter deposited films: Structure, electrical properties, and oxidation. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2022, 40, .	0.9	3
98	On the performance of pyrolytic MnO ₂ /tantalum capacitors: Columnar vs. nanocrystalline cathodic layers. <i>Acta Materialia</i> , 2007, 55, 3757-3763.	3.8	2
99	Magnetic domain morphologies and wall energy in YFe ₁₁ Ti crystals. <i>Materials Characterization</i> , 2009, 60, 1607-1612.	1.9	2
100	Influence of temperature and plasma composition on deuterium retention in refractory metals. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010, 268, 2124-2128.	0.6	2
101	Structure Properties of the $\{m \text{ YFe} \}_{11} \{m \text{ Mo} \}$ Intermetallic Compound. <i>IEEE Transactions on Magnetics</i> , 2013, 49, 1149-1152.	1.2	2
102	Investigation of elemental distribution in cat femoral head by nuclear microprobe and SEM for Paget disease of bone studies. <i>Microscopy and Microanalysis</i> , 2013, 19, 79-80.	0.2	2
103	Nanodiamond dispersions in metallic matrices with different carbon affinity. <i>Microscopy and Microanalysis</i> , 2013, 19, 121-122.	0.2	2
104	Partial oxidation of high entropy alloys: A route toward nanostructured ferromagnets. <i>Materialia</i> , 2021, 20, 101250.	1.3	2
105	W-Diamond/Cu-Diamond nanostructured composites for fusion devices. <i>Materials Research Society Symposia Proceedings</i> , 2008, 1125, 1.	0.1	1
106	Atomic Force Microscopy in Bioengineering Applications. <i>Nanoscience and Technology</i> , 2012, , 397-430.	1.5	1
107	Crystal structure and magnetism of UFe ₃ B ₂ . <i>Journal of Magnetism and Magnetic Materials</i> , 2012, 324, 2649-2653.	1.0	1
108	Hybrid systems of gold and silver nanoparticles generated on cellulose surfaces. <i>Microscopy and Microanalysis</i> , 2013, 19, 119-120.	0.2	1

#	ARTICLE	IF	CITATIONS
109	Differences between synthetic $\hat{\Gamma}^2$ -haematin and native hemozoin crystals. <i>Microscopy and Microanalysis</i> , 2013, 19, 49-50.	0.2	1
110	Microscopy: A tool for quantitative pozzolanic activity in blended cements. <i>Microscopy and Microanalysis</i> , 2013, 19, 97-98.	0.2	1
111	HOLZ Rings in EBSD Patterns of the UFeB ₄ Compound: Association with a Random Distribution of Planar Defects. <i>Microscopy and Microanalysis</i> , 2013, 19, 1204-1210.	0.2	1
112	Electron Diffraction of ThMn ₁₂ /Th ₂ Zn ₁₇ -Type Structures in the Nd-Fe-Ti System. <i>Microscopy and Microanalysis</i> , 2013, 19, 1211-1215.	0.2	1
113	Bacterial biofilms, antibiotic resistance and healthcare-associated infections: a dangerous connection.. <i>Microscopy and Microanalysis</i> , 2015, 21, 38-39.	0.2	1
114	Characterization Of Enamel Surface After Orthodontic Brackets Debonding: An In Vitro Study. <i>Microscopy and Microanalysis</i> , 2015, 21, 64-65.	0.2	1
115	Reliability of plastic core solder balls in relation to formation of intermetallic compounds. , 2016, , .		1
116	Optical and Microstructural Investigation of Heavy B-Doping Effects in Sublimation-Grown 3C-SiC. <i>Materials Science Forum</i> , 2018, 924, 221-224.	0.3	1
117	Gibbs-Thomson effect as driving force for liquid film migration: Converting metallic into ceramic fibers through intrinsic oxidation. <i>Acta Materialia</i> , 2021, 218, 117216.	3.8	1
118	Ultrastructural and EDS Study of Sialoliths of the Salivary Glands. <i>Microscopy and Microanalysis</i> , 2005, 11, .	0.2	0
119	Laser Cladding Applications to Combinatorial Materials Science. , 2005, , 290-299.		0
120	Study of laser developed Al-Cr surface alloys: Microstructure, mechanical and wear behavior. , 2005, , .		0
121	TEM Investigation of Counter-Electrode Structure in Ta Capacitors. <i>Microscopy and Microanalysis</i> , 2005, 11, .	0.2	0
122	WidmanstÄtten Co ₃ W: HRTEM study of DO ₁₉ precipitation in an fcc matrix. , 2006, , 368-372.		0
123	TEM and XRD Investigation of MnO₂ Microstructure and its Influence on ESR of Ta Capacitors. <i>Materials Science Forum</i> , 2006, 514-516, 269-273.	0.3	0
124	Complex and superlattice stacking faults in D ₀₁₉ Co ₃ W. <i>Philosophical Magazine</i> , 2006, 86, 1763-1774.	0.7	0
125	Effects of hydrogen permeation on W, Mo and Cu Langmuir probes at ISTTOK. <i>Materials Research Society Symposia Proceedings</i> , 2008, 1125, 1.	0.1	0
126	Nanoparticles for enhanced contrast optical coherence tomography. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
127	Biomaterials research at NanoLab(IST): Seeding seeds for the future. , 2011, , .		0
128	Structural characterization of salivary calculi. , 2012, , .		0
129	Multiscale Copper- μ Diamond Nanostructured Composites. Materials Science Forum, 0, 730-732, 925-930.	0.3	0
130	Characterization of Salivary Calculi. Microscopy and Microanalysis, 2012, 18, 13-14.	0.2	0
131	Genotoxic Effect of Inhaled Ambient Particulate Matter. Microscopy and Microanalysis, 2012, 18, 25-26.	0.2	0
132	An SEM Investigation of the Pozzolanic Activity of a Waste Catalyst from Oil Refinery. Microscopy and Microanalysis, 2012, 18, 75-76.	0.2	0
133	Carbon Deposition on Beryllium Substrates and Subsequent Delamination. Materials Science Forum, 2012, 730-732, 179-184.	0.3	0
134	Effect of Cadmium exposure in the ubiquitous coccolithophore <i>Emiliana huxleyi</i> . Microscopy and Microanalysis, 2013, 19, 5-6.	0.2	0
135	Morphologic characterization of <i>Mycobacterium tuberculosis</i> circulating strains in a Lisbon hospital.. Microscopy and Microanalysis, 2013, 19, 11-12.	0.2	0
136	Structural typologies of salivary calculi. Microscopy and Microanalysis, 2013, 19, 29-30.	0.2	0
137	Elemental interdiffusion in W-Ta composites developed for fusion applications. Microscopy and Microanalysis, 2013, 19, 123-124.	0.2	0
138	TEM studies of the ThMn ₁₂ and Th ₂ Zn ₁₇ type phases in the Nd-Fe-Ti system. Microscopy and Microanalysis, 2013, 19, 129-130.	0.2	0
139	On the YFe ₁₁ Mo intermetallic characterization. Microscopy and Microanalysis, 2013, 19, 135-136.	0.2	0
140	Analysis of a gold solidus of roman emperor Valentinian I. Microscopy and Microanalysis, 2013, 19, 139-140.	0.2	0
141	Studies on deuterium retention in W-Ta based materials. Microscopy and Microanalysis, 2013, 19, 125-126.	0.2	0
142	B-Fe-U Phase Diagram. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2014, 45, 1813-1822.	1.1	0
143	Mean X-ray attenuation of salivary calculi computed from microtomography data. Microscopy and Microanalysis, 2015, 21, 62-63.	0.2	0
144	On oral calcifications: Tartar and Pulp stones. Microscopy and Microanalysis, 2015, 21, 66-67.	0.2	0

#	ARTICLE	IF	CITATIONS
145	Pozzolanic activity of oil-refining catalyst: evaluation by electron and atomic force microscopy. <i>Microscopy and Microanalysis</i> , 2015, 21, 80-81.	0.2	0
146	Growth of mixed materials in the Be/W/O system in fusion devices. <i>Microscopy and Microanalysis</i> , 2015, 21, 94-95.	0.2	0
147	Self-lubricant behaviour of copper-carbon nanocomposites: An electron microscopy and atomic force microscopy study. <i>Microscopy and Microanalysis</i> , 2015, 21, 114-115.	0.2	0
148	EBSD studies on iron-rich UxFeyBz compounds. <i>Microscopy and Microanalysis</i> , 2015, 21, 116-117.	0.2	0
149	W-Ta Composites Consolidated by Spark Plasma Sintering. <i>Microscopy and Microanalysis</i> , 2015, 21, 27-28.	0.2	0
150	Salivary calculi morphology: SEM and mCT correlative observation. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2015, 44, e271.	0.7	0
151	Risk assessment for public health from human interaction with ornamental waters. <i>Microscopy and Microanalysis</i> , 2016, 22, 12-13.	0.2	0
152	Investigation of <i>veryintenseD</i> 3-band emission in multi-crystalline silicon wafers using electron microscopy and hyperspectral photoluminescence imaging. <i>Journal of Applied Physics</i> , 2022, 131, 145703.	1.1	0