AntÃ³nio J S Fernandes

List of Publications by Year
in descending order

151 papers	3,749 citations	117625 34 h-index	197818 49 g-index
152 all docs	152 docs citations	152 times ranked	3638 citing authors

#	Article	IF	Citations
1	Laserâ€induced Graphene Strain Sensors Produced by Ultraviolet Irradiation of Polyimide. Advanced Functional Materials, 2018, 28, 1805271.	14.9	228
2	Laser-Induced Graphene from Paper for Mechanical Sensing. ACS Applied Materials & Interfaces, 2021, 13, 10210-10221.	8.0	115
3	Identification of microplastics in white wines capped with polyethylene stoppers using micro-Raman spectroscopy. Food Chemistry, 2020, 331, 127323.	8.2	95
4	Tuning the surface chemistry of graphene flakes: new strategies for selective oxidation. RSC Advances, 2017, 7, 14290-14301.	3.6	83
5	Photonic smart bandage for wound healing assessment. Photonics Research, 2021, 9, 272.	7.0	76
6	Reactive sputtering deposition of photocatalytic TiO2 thin films on glass substrates. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2007, 138, 139-143.	3.5	73
7	Thermoelectric performance of Nb-doped SrTiO3 enhanced by reduced graphene oxide and Sr deficiency cooperation. Carbon, 2019, 143, 215-222.	10.3	69
8	Friction and wear performance of HFCVD nanocrystalline diamond coated silicon nitride ceramics. Diamond and Related Materials, 2006, 15, 739-744.	3.9	68
9	Effect of processing method on physical properties of Nb2O5. Journal of the European Ceramic Society, 2011, 31, 501-506.	5.7	61
10	Polyoxometalateâ€graphene Electrocatalysts for the Hydrogen Evolution Reaction. ChemElectroChem, 2018, 5, 273-283.	3.4	59
11	A Review on the Applications of Graphene in Mechanical Transduction. Advanced Materials, 2022, 34, e2101326.	21.0	59
12	Microwave plasma chemical vapour deposition diamond nucleation on ferrous substrates with Ti and Cr interlayers. Diamond and Related Materials, 2002, 11, 1617-1622.	3.9	58
13	IR and UV Laserâ€induced Graphene: Application as Dopamine Electrochemical Sensors. Advanced Materials Technologies, 2021, 6, 2100007.	5.8	58
14	Growth rate improvements in the hot-filament CVD deposition of nanocrystalline diamond. Diamond and Related Materials, 2006, 15, 1822-1827.	3.9	54
15	Laserâ€induced Graphene Piezoresistive Sensors Synthesized Directly on Cork Insoles for Gait Analysis. Advanced Materials Technologies, 2020, 5, 2000630.	5.8	53
16	Nano to micrometric HFCVD diamond adhesion strength to Si3N4. Vacuum, 2007, 81, 1443-1447.	3.5	52
17	Very Large Superconducting Currents Induced by Growth Tailoring. Crystal Growth and Design, 2015, 15, 2094-2101.	3.0	52
18	Adhesion behaviour assessment on diamond coated silicon nitride by acoustic emission. Diamond and Related Materials, 2003, 12, 733-737.	3.9	50

#	Article	IF	Citations
19	PVD-Grown photocatalytic TiO2 thin films on PVDF substrates for sensors and actuators applications. Thin Solid Films, 2008, 517, 1161-1166.	1.8	48
20	Biphasic apatite-carbon materials derived from pyrolysed fish bones for effective adsorption of persistent pollutants and heavy metals. Journal of Environmental Chemical Engineering, 2017, 5, 4884-4894.	6.7	47
21	YSZ:Dy3+ single crystal white emitter. Journal of Materials Chemistry, 2011, 21, 15262.	6.7	45
22	A critical review on the production and application of graphene and graphene-based materials in anti-corrosion coatings. Critical Reviews in Solid State and Materials Sciences, 2022, 47, 309-355.	12.3	45
23	A new elegant technique for polishing CVD diamond films. Diamond and Related Materials, 2003, 12, 1411-1416.	3.9	43
24	CVD diamond coated silicon nitride self-mated systems: tribological behaviour under high loads. Tribology Letters, 2006, 21, 141-151.	2.6	43
25	Effect of nitrogen and oxygen addition on morphology and texture of diamond films (from) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	3.9	43
26	A new interlayer approach for CVD diamond coating of steel substrates. Diamond and Related Materials, 2004, 13, 828-833.	3.9	42
27	CVD micro/nanocrystalline diamond (MCD/NCD) bilayer coated odontological drill bits. Diamond and Related Materials, 2009, 18, 264-270.	3.9	41
28	A comparison study of hydrogen incorporation among nanocrystalline, microcrystalline and polycrystalline diamond films grown by chemical vapor deposition. Thin Solid Films, 2007, 515, 3539-3546.	1.8	40
29	Wear resistant CVD diamond tools for turning of sintered hardmetals. Diamond and Related Materials, 2003, 12, 738-743.	3.9	39
30	Laserâ€Induced Graphene from Paper by Ultraviolet Irradiation: Humidity and Temperature Sensors. Advanced Materials Technologies, 2022, 7, .	5.8	39
31	Influence of nucleation density on film quality, growth rate and morphology of thick CVD diamond films. Diamond and Related Materials, 2003, 12, 1488-1494.	3.9	38
32	Machining hardmetal with CVD diamond direct coated ceramic tools: effect of tool edge geometry. Diamond and Related Materials, 2005, 14, 651-656.	3.9	38
33	Structural and optical properties of europium doped zirconia single crystals fibers grown by laser floating zone. Journal of Applied Physics, 2011, 109, .	2.5	38
34	Red light from ZrO2:Eu3+ nanostructures. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2012, 177, 712-716.	3.5	36
35	Tribological behaviour of CVD diamond films on steel substrates. Wear, 2003, 255, 846-853.	3.1	34
36	HFCVD diamond deposition parameters optimized by a Taguchi Matrix. Vacuum, 2011, 85, 701-704.	3.5	33

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37	Mechanical performance upgrading of CVD diamond using the multilayer strategy. Surface and Coatings Technology, 2013, 236, 380-387.	4.8	33
38	Hot-filament chemical vapour deposition of nanodiamond on silicon nitride substrates. Diamond and Related Materials, 2004, 13, 643-647.	3.9	32
39	Enhanced sealing performance with CVD nanocrystalline diamond films in self-mated mechanical seals. Diamond and Related Materials, 2008, 17, 1132-1136.	3.9	32
40	Laser-induced graphene from paper for non-enzymatic uric acid electrochemical sensing in urine. Carbon, 2022, 197, 253-263.	10.3	32
41	Grain size effect on self-mated CVD diamond dry tribosystems. Wear, 2005, 259, 771-778.	3.1	31
42	Enhanced performance of HFCVD nanocrystalline diamond self-mated tribosystems by plasma pretreatments on silicon nitride substrates. Diamond and Related Materials, 2006, 15, 2024-2028.	3.9	31
43	Towards efficient oxygen reduction reaction electrocatalysts through graphene doping. Electrochimica Acta, 2019, 319, 72-81.	5.2	30
44	Cutting forces evolution with tool wear in sintered hardmetal turning with CVD diamond. Diamond and Related Materials, 2004, 13, 843-847.	3.9	29
45	Nano- and micro-crystalline diamond growth by MPCVD in extremely poor hydrogen uniform plasmas. Diamond and Related Materials, 2007, 16, 757-761.	3.9	29
46	Optical properties of LFZ grown Î²-Ga2O3:Eu3+ fibres. Applied Surface Science, 2012, 258, 9157-9161.	6.1	28
47	High performance sealing with CVD diamond self-mated rings. Diamond and Related Materials, 2005, 14, 617-621.	3.9	27
48	Colossal dielectric constant of poly- and single-crystalline CaCu3Ti4O12 fibres grown by the laser floating zone technique. Acta Materialia, 2011, 59, 102-111.	7.9	27
49	Dry machining of siliconâ€“aluminium alloys with CVD diamond brazed and directly coated Si3N4 ceramic tools. Vacuum, 2008, 82, 1407-1410.	3.5	26
50	Dielsâ€“Alder functionalized carbon nanotubes for bone tissue engineering: in vitro/in vivo biocompatibility and biodegradability. Nanoscale, 2015, 7, 9238-9251.	5.6	26
51	Adhesion of diamond coatings on steel and copper with a titanium interlayer. Diamond and Related Materials, 1999, 8, 1549-1554.	3.9	25
52	Wettability studies of reactive brazing alloys on CVD diamond plates. Diamond and Related Materials, 2001, 10, 775-780.	3.9	25
53	Thermal conductivity enhancement in cutting tools by chemical vapor deposition diamond coating. Diamond and Related Materials, 2002, 11, 703-707.	3.9	25
54	Potentiometric chemical sensors from ligninâ€“poly(propylene oxide) copolymers doped by carbon nanotubes. Analyst, The, 2013, 138, 501-508.	3.5	25

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55	Strain analysis of photocatalytic TiO2 thin films on polymer substrates. Thin Solid Films, 2008, 516, 1434-1438.	1.8	24
56	CVD diamond water lubricated tribosystems for high load planar sliding. Wear, 2008, 265, 1023-1028.	3.1	24
57	Bright room-temperature green luminescence from YSZ:Tb3+. Materials Letters, 2011, 65, 1979-1981.	2.6	24
58	ZnO nanostructures grown on vertically aligned carbon nanotubes by laser-assisted flow deposition. Acta Materialia, 2012, 60, 5143-5150.	7.9	24
59	ZnO decorated laser-induced graphene produced by direct laser scribing. Nanoscale Advances, 2019, 1, 3252-3268.	4.6	23
60	A review on the laser-assisted flow deposition method: growth of ZnO micro and nanostructures. CrystEngComm, 2019, 21, 1071-1090.	2.6	23
61	Study the effect of O2 addition on hydrogen incorporation in CVD diamond. Diamond and Related Materials, 2004, 13, 203-208.	3.9	22
62	Residual stress minimum in nanocrystalline diamond films. Applied Physics Letters, 2006, 89, 093109.	3.3	22
63	A new chemical path for fabrication of nanocrystalline diamond films. Journal of Crystal Growth, 2008, 310, 261-265.	1.5	21
64	Nanocrystalline CVD diamond coatings for drilling of WC-Co parts. International Journal of Refractory Metals and Hard Materials, 2011, 29, 618-622.	3.8	21
65	Effect of microwave power and nitrogen addition on the formation of {100} faceted diamond from microcrystalline to nanocrystalline. Vacuum, 2011, 85, 1130-1134.	3.5	21
66	Influence of SiC particle addition on the nucleation density and adhesion strength of MPCVD diamond coatings on Si 3 N 4 substrates. Diamond and Related Materials, 2000, 9, 483-488.	3.9	20
67	MPCVD diamond tool cutting-edge coverage: dependence on the side wedge angle. Diamond and Related Materials, 2001, 10, 803-808.	3.9	20
68	Surface Pretreatments of Silicon Nitride for CVD Diamond Deposition. Journal of the American Ceramic Society, 2003, 86, 749-754.	3.8	20
69	Tailored Si3N4Ceramic Substrates for CVD Diamond Coating. Surface Engineering, 2003, 19, 410-416.	2.2	20
70	Single and polycrystalline mullite fibres grown by laser floating zone technique. Journal of the European Ceramic Society, 2010, 30, 3311-3318.	5.7	20
71	New fluorinated diamond microelectrodes for localized detection of dissolved oxygen. Sensors and Actuators B: Chemical, 2014, 204, 544-551.	7.8	20
72	Conversion of paper and xylan into laser-induced graphene for environmentally friendly sensors. Diamond and Related Materials, 2022, 123, 108855.	3.9	20

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73	Influence of nucleation on hydrogen incorporation in CVD diamond films. Diamond and Related Materials, 2002, 11, 527-531.	3.9	19
74	Simultaneous CVD synthesis of graphene-diamond hybrid films. Carbon, 2016, 98, 99-105.	10.3	19
75	Growth of high quality large grained diamond films on mirror-polished silicon without surface pretreatment. Diamond and Related Materials, 2003, 12, 251-256.	3.9	18
76	Diamond-Graphite Nanoplatelet Surfaces as Conductive Substrates for the Electrical Stimulation of Cell Functions. ACS Applied Materials & Interfaces, 2017, 9, 1331-1342.	8.0	18
77	The assessment of chromophores in bleached cellulosic pulps employing UV-Raman spectroscopy. Carbohydrate Research, 2010, 345, 1442-1451.	2.3	17
78	A new regime for high rate growth of nanocrystalline diamond films using high power and CH4/H2/N2/O2 plasma. Diamond and Related Materials, 2011, 20, 304-309.	3.9	17
79	Directionally solidified eutectic and off-eutectic mulliteâ€“zirconia fibres. Journal of the European Ceramic Society, 2013, 33, 953-963.	5.7	17
80	Electrochemical Response of Glucose Oxidase Adsorbed on Laser-Induced Graphene. Nanomaterials, 2021, 11, 1893.	4.1	17
81	Unstressed PACVD diamond films on steel pre-coated with a composite multilayer. Surface and Coatings Technology, 2005, 191, 102-107.	4.8	16
82	Wet-etched Ni foils as active catalysts towards carbon nanofiber growth. Carbon, 2010, 48, 2839-2854.	10.3	16
83	Direct Synthesis of Electrowettable Carbon Nanowallâ€“Diamond Hybrid Materials from Sacrificial Ceramic Templates Using HFCVD. Advanced Materials Interfaces, 2017, 4, 1700019.	3.7	16
84	Physical Structure and Electrochemical Response of Diamondâ€“Graphite Nanoplatelets: From CVD Synthesis to Label-Free Biosensors. ACS Applied Materials & Interfaces, 2019, 11, 8470-8482.	8.0	16
85	Decorating MOF-74-derived nanocarbons with a sandwich-type polyoxometalate to enhance their OER activity: Exploring the underestimated bulk-deposition approach. Electrochimica Acta, 2021, 389, 138719.	5.2	16
86	Semi-orthogonal turning of hardmetal with CVD diamond and PCD inserts at different cutting angles. Vacuum, 2009, 83, 1218-1223.	3.5	15
87	The role of surface activation prior to seeding on CVD diamond adhesion. Surface and Coatings Technology, 2010, 204, 3585-3591.	4.8	15
88	Upscaling potential of the CVD stacking growth method to produce dimensionally-controlled and catalyst-free multi-walled carbon nanotubes. Carbon, 2012, 50, 3585-3606.	10.3	15
89	Re-sharpenable thick CVD diamond-coated Si3N4 tools for hardmetal turning. Surface and Coatings Technology, 2006, 201, 1776-1782.	4.8	14
90	Nanodiamond-based tribosystems. Surface and Coatings Technology, 2010, 204, 1962-1969.	4.8	14

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91	Effect of urea on cellulose degradation under conditions of alkaline pulping. Cellulose, 2012, 19, 2195-2204.	4.9	14
92	High rate growth of nanocrystalline diamond films using high microwave power and pure nitrogen/methane/hydrogen plasma. Vacuum, 2015, 122, 342-346.	3.5	14
93	Heat Dissipation Interfaces Based on Vertically Aligned Diamond/Graphite Nanoplatelets. ACS Applied Materials & Interfaces, 2015, 7, 24772-24777.	8.0	14
94	Surface modifications on as-grown boron doped CVD diamond films induced by the B2O3â€“ethanolâ€“Ar system. Diamond and Related Materials, 2016, 64, 89-96.	3.9	14
95	Structural and optical characterization of Gd_2SiO_5 crystalline fibres obtained by laser floating zone. Optical Materials Express, 2017, 7, 868.	3.0	14
96	Millimeter-sized few-layer suspended graphene membranes. Applied Materials Today, 2020, 21, 100879.	4.3	14
97	Deposition of nanocrystalline diamond films on silicon nitride ceramic substrates using pulsed microwave discharges in Ar/H2/CH4 gas mixture. Diamond and Related Materials, 2005, 14, 432-436.	3.9	13
98	Surface activation pre-treatments for NCD films grown by HFCVD. Vacuum, 2009, 83, 1228-1232.	3.5	13
99	Nano carbon hybrids from the simultaneous synthesis of CNT/NCD by MPCVD. Diamond and Related Materials, 2009, 18, 160-163.	3.9	13
100	Self-assembled cones of aligned carbon nanofibers grown on wet-etched Cu foils. Carbon, 2011, 49, 2181-2196.	10.3	13
101	Diamond film adhesion onto sub-micrometric WCâ€“Co substrates. Vacuum, 2011, 85, 1135-1139.	3.5	13
102	Dual Transduction of H2O2 Detection Using ZnO/Laser-Induced Graphene Composites. Chemosensors, 2021, 9, 102.	3.6	13
103	Electrochemical and photoluminescence response of laser-induced graphene/electrodeposited ZnO composites. Scientific Reports, 2021, 11, 17154.	3.3	13
104	Extrinsic stress induced defects in CVD diamond. Diamond and Related Materials, 2008, 17, 190-193.	3.9	12
105	Adhesion and Wear Behaviour of NCD Coatings on Si₃N₄ by Micro-Abrasion Tests. Journal of Nanoscience and Nanotechnology, 2009, 9, 3938-3943.	0.9	12
106	Vertically aligned N-doped CNTs growth using Taguchi experimental design. Applied Surface Science, 2015, 344, 57-64.	6.1	12
107	Deposition of alpha-WC/a-C nanocomposite thin films by hot-filament CVD. Surface and Coatings Technology, 2011, 206, 103-106.	4.8	11
108	Red and infrared luminescence from tetragonal YSZ:Pr3+ single crystal fibres grown by LFZ. Optical Materials, 2011, 34, 27-29.	3.6	11

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109	ZnO Nano/Microstructures Grown by Laser Assisted Flow Deposition. Journal of Nano Research, 2012, 18-19, 129-137.	0.8	11
110	Composition profiles and adhesion evaluation of conductive diamond coatings on dielectric ceramics. Thin Solid Films, 2012, 520, 5260-5266.	1.8	11
111	Role of high microwave power on growth and microstructure of thick nanocrystalline diamond films: A comparison with large grain polycrystalline diamond films. Journal of Crystal Growth, 2014, 389, 83-91.	1.5	11
112	(Lu_{0.3}Gd_{0.7})₂SiO₅:Y³⁺ single crystals grown by the laser floating zone method: structural and optical studies. CrystEngComm, 2018, 20, 7386-7394.	2.6	11
113	Synthesis and structural characterization of highly ã€˜100ã€‰-oriented {100}-faceted nanocrystalline diamond films by microwave plasma chemical vapor deposition. Journal of Crystal Growth, 2009, 311, 2258-2264.	1.5	10
114	Role of Nitrogen Additive and Temperature on Growth of Diamond Films from Nanocrystalline to Polycrystalline. Journal of Nanoscience and Nanotechnology, 2010, 10, 2722-2730.	0.9	10
115	Single-Pass and Multi-Pass Laser Cutting of Siâ€“SiC: Assessment of the Cut Quality and Microstructure in the Heat Affected Zone. Journal of Laser Applications, 2007, 19, 170-176.	1.7	9
116	All-Diamond Microelectrodes as Solid State Probes for Localized Electrochemical Sensing. Analytical Chemistry, 2015, 87, 6487-6492.	6.5	9
117	Spatial characterization of fiber Bragg grating structures using transversal pressure. Optics Communications, 2006, 259, 110-114.	2.1	8
118	Fast coating of ultramicroelectrodes with boron-doped nanocrystalline diamond. Diamond and Related Materials, 2010, 19, 1330-1335.	3.9	8
119	A DLC/diamond bilayer approach for reducing the initial friction towards a high bearing capacity. Wear, 2012, 290-291, 18-24.	3.1	8
120	Towards the understanding of the intentionally induced yellow luminescence in GaN nanowires. Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 667-672.	0.8	8
121	Millimeter sized graphene domains through in situ oxidation/reduction treatment of the copper substrate. Carbon, 2020, 169, 403-415.	10.3	8
122	Laser-Induced Hematite/Magnetite Phase Transformation. Journal of Electronic Materials, 2020, 49, 7187-7193.	2.2	8
123	NCD by HFCVD on a Si3N4-bioglass composite for biomechanical applications. Surface and Coatings Technology, 2006, 200, 6409-6413.	4.8	7
124	UVâ€resonance Raman microâ€spectroscopy to assess residual chromophores in cellulosic pulps. Journal of Raman Spectroscopy, 2011, 42, 1039-1045.	2.5	7
125	Diamond/WC bilayer formation mechanism by hot-filament CVD. Surface and Coatings Technology, 2012, 206, 3055-3063.	4.8	7
126	Cobalt Phosphotungstate-Based Composites as Bifunctional
Electrocatalysts for Oxygen Reactions. Catalysts, 2022, 12, 357.	3.5	7

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127	Effect of intergranular phase of Si3N4 substrates on MPCVD diamond deposition. Surface and Coatings Technology, 2002, 151-152, 521-525.	4.8	6
128	Processing strategies for smart electroconductive carbon nanotube-based bioceramic bone grafts. Nanotechnology, 2014, 25, 145602.	2.6	6
129	Comparative Study of Î³- and e-Radiation-Induced Effects on FBGs Using Different Femtosecond Laser Inscription Methods. Sensors, 2021, 21, 8379.	3.8	6
130	The effect of oxygen and nitrogen additives on the growth of nanocrystalline diamond films. Journal of Physics Condensed Matter, 2007, 19, 386236.	1.8	5
131	Electrical Polarization Effect on Bi2Ca2Co1.7Ox thermoelectrics grown by laser floating zone. Microscopy and Microanalysis, 2012, 18, 93-94.	0.4	5
132	Boron Doped Diamond for Real-Time Wireless Cutting Temperature Monitoring of Diamond Coated Carbide Tools. Materials, 2021, 14, 7334.	2.9	5
133	Formation of {100} facetâ€terminated nanocrystalline diamond by microwave plasma chemical vapor deposition: Edge effect. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 2029-2034.	1.8	4
134	Discriminating the brightness stability of cellulosic pulp in relation to the final bleaching stage. Carbohydrate Polymers, 2012, 88, 726-733.	10.2	4
135	Directional solidification of ZrO2â€“BaZrO3 composites with mixed protonicâ€“oxide ionic conductivity. Solid State Ionics, 2014, 262, 654-658.	2.7	4
136	Pressure effects on the dissipative behavior of nanocrystalline diamond microelectromechanical resonators. Journal of Micromechanics and Microengineering, 2015, 25, 025019.	2.6	4
137	Perfluorinated fiber material properties following femtosecond laser inscription. Optical Materials, 2020, 109, 110412.	3.6	3
138	Laser Melting Processing of ZrO₂â€“BaZrO₃ Ceramic Eutectics. Science of Advanced Materials, 2013, 5, 1847-1856.	0.7	3
139	Laser Assisted Flow Deposition: a New Method to Grow ZnO. Microscopy and Microanalysis, 2012, 18, 87-88.	0.4	2
140	Simultaneous formation of nanocrystalline and <100> textured and {111} facet dominated microcrystalline diamond films using CH4/H2/O2 plasma. Diamond and Related Materials, 2012, 24, 93-98.	3.9	2
141	Prospects on laser processed wide band gap oxides optical materials. Proceedings of SPIE, 2013, , .	0.8	2
142	Defect luminescence in oxides nanocrystals grown by laser assisted techniques. , 2015, , .		2
143	From Micro to Nanometric Grain Size CVD Diamond Tools. Materials Research Society Symposia Proceedings, 2009, 1243, 1.	0.1	1
144	ZnO micro/nanocrystals grown by laser assisted flow deposition. , 2014, , .		1

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145	Si₃N₄ recubierto con diamante CVD mediante filamento caliente y plasma generado por microondas. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2004, 43, 473-476.	1.9	1
146	Novel morphology of chemical vapor deposited diamond films. Physica Status Solidi C: Current Topics in Solid State Physics, 2010, 7, NA-NA.	0.8	0
147	Quantification of Microstructural Features in Carbon Nanotube/Nanodiamond Hybrids. Microscopy and Microanalysis, 2012, 18, 85-86.	0.4	0
148	ZnGa2O4:Mn2+ Phosphors Grown by Laser Floating Zone. Microscopy and Microanalysis, 2012, 18, 105-106.	0.4	0
149	Microstructure of Mullite-zirconia Fibres Grown by Directional Solidification. Microscopy and Microanalysis, 2012, 18, 103-104.	0.4	0
150	Composite Materials: Direct Synthesis of Electrowettable Carbon Nanowallâ€“Diamond Hybrid Materials from Sacrificial Ceramic Templates Using HFCVD (Adv. Mater. Interfaces 10/2017). Advanced Materials Interfaces, 2017, 4, .	3.7	0
151	Nd:YAG laser scribed zinc oxide on semi-flexible copper foils. Materials Letters: X, 2020, 5, 100038.	0.7	0