

Giuseppe Nicotra

List of Publications by Year in descending order

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147
papers

3,670
citations

117625

34
h-index

189892

50
g-index

149
all docs

149
docs citations

149
times ranked

5470
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel synthesis of ZnO/PMMA nanocomposites for photocatalytic applications. Scientific Reports, 2017, 7, 40895.	3.3	130
2	Preferential removal of pesticides from water by molecular imprinting on TiO ₂ photocatalysts. Chemical Engineering Journal, 2020, 379, 122309.	12.7	124
3	Low temperature atomic layer deposition of ZnO: Applications in photocatalysis. Applied Catalysis B: Environmental, 2016, 196, 68-76.	20.2	98
4	Engineering interfacial structure in α -GaInPbS/CdS quantum dots for photoelectrochemical solar energy conversion. Nano Energy, 2016, 30, 531-541.	16.0	88
5	Site-Selective Surface-Enhanced Raman Detection of Proteins. ACS Nano, 2017, 11, 918-926.	14.6	85
6	Selective photodegradation of paracetamol by molecularly imprinted ZnO nanonuts. Applied Catalysis B: Environmental, 2018, 238, 509-517.	20.2	84
7	Ambipolar MoS ₂ Transistors by Nanoscale Tailoring of Schottky Barrier Using Oxygen Plasma Functionalization. ACS Applied Materials & Interfaces, 2017, 9, 23164-23174.	8.0	81
8	Delaminated Graphene at Silicon Carbide Facets: Atomic Scale Imaging and Spectroscopy. ACS Nano, 2013, 7, 3045-3052.	14.6	73
9	Programmable Extreme Chirality in the Visible by Helix-Shaped Metamaterial Platform. Nano Letters, 2016, 16, 5823-5828.	9.1	71
10	Strain relaxation in high Ge content SiGe layers deposited on Si. Journal of Applied Physics, 2010, 107, 063504.	2.5	67
11	Tuning the thermoelectric properties of A-site deficient SrTiO ₃ ceramics by vacancies and carrier concentration. Physical Chemistry Chemical Physics, 2016, 18, 26475-26486.	2.8	63
12	One-pot synthesis of ZnO nanoparticles supported on halloysite nanotubes for catalytic applications. Applied Clay Science, 2020, 189, 105527.	5.2	61
13	Novel near-infrared emission from crystal defects in MoS ₂ multilayer flakes. Nature Communications, 2016, 7, 13044.	12.8	60
14	An enhanced photocatalytic response of nanometric TiO ₂ wrapping of Au nanoparticles for eco-friendly water applications. Nanoscale, 2014, 6, 11189-11195.	5.6	58
15	TiO ₂ -coated nanostructures for dye photo-degradation in water. Nanoscale Research Letters, 2014, 9, 458.	5.7	55
16	Decoration of exfoliated black phosphorus with nickel nanoparticles and its application in catalysis. Chemical Communications, 2017, 53, 10946-10949.	4.1	55
17	Dual emission in asymmetric α -GaInPbS/CdS/CdS core/shell/shell quantum dots. Nanoscale, 2016, 8, 4217-4226.	5.6	54
18	Nanoscale phenomena ruling deposition and intercalation of AlN at the graphene/SiC interface. Nanoscale, 2020, 12, 19470-19476.	5.6	54

#	ARTICLE	IF	CITATIONS
19	How far will silicon nanocrystals push the scaling limits of NVMs technologies?. , 0, , .		52
20	The role of the surfaces in the photon absorption in Ge nanoclusters embedded in silica. Nanoscale Research Letters, 2011, 6, 135.	5.7	52
21	Effect of Pt Nanoparticles on the Photocatalytic Activity of ZnO Nanofibers. Nanoscale Research Letters, 2015, 10, 484.	5.7	50
22	Material proposal for 2D indium oxide. Applied Surface Science, 2021, 548, 149275.	6.1	50
23	Nanoscale Study of the Tarnishing Process in Electron Beam Lithography-Fabricated Silver Nanoparticles for Plasmonic Applications. Journal of Physical Chemistry C, 2016, 120, 24314-24323.	3.1	49
24	Reduction of fixed charges in atomic layer deposited Al ₂ O ₃ dielectrics. Microelectronic Engineering, 2005, 80, 210-213.	2.4	47
25	ZnO/pHEMA Nanocomposites: An Ecofriendly and Reusable Material for Water Remediation. ACS Applied Materials & Interfaces, 2018, 10, 40100-40110.	8.0	47
26	Halloysite nanotubes-carbon dots hybrids multifunctional nanocarrier with positive cell target ability as a potential non-viral vector for oral gene therapy. Journal of Colloid and Interface Science, 2019, 552, 236-246.	9.4	47
27	Quasiparticle spectrum and plasmonic excitations in the topological insulator Sb_2Te_3 Physical Review B, 2015, 91, .		
28	Indium Nitride at the 2D Limit. Advanced Materials, 2021, 33, e2006660.	21.0	45
29	Direct growth of quasi-free-standing epitaxial graphene on nonpolar SiC surfaces. Physical Review B, 2013, 88, .	3.2	43
30	Black Phosphorus/Palladium Nanohybrid: Unraveling the Nature of Pd Interaction and Application in Selective Hydrogenation. Chemistry of Materials, 2019, 31, 5075-5080.	6.7	43
31	Functionalized Carbon Nanoparticle-Based Sensors for Chemical Warfare Agents. ACS Applied Nano Materials, 2020, 3, 8182-8191.	5.0	40
32	First and second-order Raman scattering in Si nanostructures within silicon nitride. Applied Physics Letters, 2010, 97, .	3.3	39
33	Microstructural evolution of SiO _x films and its effect on the luminescence of Si nanoclusters. Journal of Applied Physics, 2008, 104, 094306.	2.5	38
34	Near- and far-infrared absorption and electronic structure of Ge-SiGe multiple quantum wells. Physical Review B, 2010, 82, .	3.2	37
35	Sustainable Liquid-Phase Exfoliation of Layered Materials with Nontoxic Polarclean Solvent. ACS Sustainable Chemistry and Engineering, 2020, 8, 18830-18840.	6.7	36
36	Nucleation kinetics of Si quantum dots on SiO ₂ . Journal of Applied Physics, 2004, 95, 2049-2055.	2.5	35

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37	Matrix role in Ge nanoclusters embedded in Si ₃ N ₄ or SiO ₂ . Applied Physics Letters, 2012, 101, .	3.3	35
38	Fe ion-implanted TiO ₂ thin film for efficient visible-light photocatalysis. Journal of Applied Physics, 2014, 116, .	2.5	35
39	Photoluminescent hybrid nanomaterials from modified halloysite nanotubes. Journal of Materials Chemistry C, 2018, 6, 7377-7384.	5.5	35
40	Nanocrystal metal-oxide-semiconductor memories obtained by chemical vapor deposition of Si nanocrystals. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2002, 20, 2075.	1.6	34
41	Thermodynamic stability of high phosphorus concentration in silicon nanostructures. Nanoscale, 2015, 7, 14469-14475.	5.6	33
42	Templated dewetting of single-crystal sub-millimeter-long nanowires and on-chip silicon circuits. Nature Communications, 2019, 10, 5632.	12.8	33
43	Ag/ZnO/PMMA Nanocomposites for Efficient Water Reuse. ACS Applied Bio Materials, 2020, 3, 4417-4426.	4.6	33
44	Size dependent light absorption modulation and enhanced carrier transport in germanium quantum dots devices. Solar Energy Materials and Solar Cells, 2015, 135, 22-28.	6.2	32
45	Investigation of SiO ₂ /HfO ₂ gate stacks for application to non-volatile memory devices. Solid-State Electronics, 2005, 49, 1833-1840.	1.4	31
46	Rapid synthesis of photoactive hydrogenated TiO ₂ nanoplumes. Applied Catalysis B: Environmental, 2016, 183, 328-334.	20.2	31
47	Enhanced gain coefficient in Raman amplifier based on silicon nanocomposites. Photonics and Nanostructures - Fundamentals and Applications, 2011, 9, 1-7.	2.0	29
48	Covalently functionalized carbon nanoparticles with a chiral Mn-Salen: a new nanocatalyst for enantioselective epoxidation of alkenes. Chemical Communications, 2019, 55, 5255-5258.	4.1	29
49	Room-temperature efficient light detection by amorphous Ge quantum wells. Nanoscale Research Letters, 2013, 8, 128.	5.7	28
50	Fast and Efficient Sun Light Photocatalytic Activity of Au-ZnO Core-Shell Nanoparticles Prepared by a One-Pot Synthesis. ACS Omega, 2019, 4, 15061-15066.	3.5	28
51	Carbon Quantum Dots as Fluorescence Nanochemosensors for Selective Detection of Amino Acids. ACS Applied Nano Materials, 2021, 4, 6250-6256.	5.0	28
52	Observation of stimulated Raman scattering in silicon nanocomposites. Applied Physics Letters, 2009, 94, 221106.	3.3	27
53	Crystallization of sputtered-deposited and ion implanted amorphous Ge ₂ Sb ₂ Te ₅ thin films. Journal of Applied Physics, 2009, 105, .	2.5	27
54	Properties of mixed phase n-doped silicon oxide layers and application in micromorph solar cells. Solar Energy Materials and Solar Cells, 2013, 119, 67-72.	6.2	27

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55	Light harvesting with Ge quantum dots embedded in SiO ₂ or Si ₃ N ₄ . Journal of Applied Physics, 2014, 115, .	2.5	27
56	Temperature-dependent Fowler-Nordheim electron barrier height in SiO ₂ /4H-SiC MOS capacitors. Materials Science in Semiconductor Processing, 2018, 78, 38-42.	4.0	27
57	Quantitative determination of the clustered silicon concentration in substoichiometric silicon oxide layer. Applied Physics Letters, 2005, 87, 044102.	3.3	26
58	On-chip fabrication of ultrasensitive NO ₂ sensors based on silicon nanowires. Applied Physics Letters, 2012, 101, 103101.	3.3	26
59	Quantification of phosphorus diffusion and incorporation in silicon nanocrystals embedded in silicon oxide. Surface and Interface Analysis, 2014, 46, 393-396.	1.8	26
60	Mechanical milling: a sustainable route to induce structural transformations in MoS ₂ for applications in the treatment of contaminated water. Scientific Reports, 2019, 9, 974.	3.3	26
61	Narrow intersubband transitions in n-type Ge/SiGe multi-quantum wells: control of the terahertz absorption energy trough the temperature dependent depolarization shift. Nanotechnology, 2012, 23, 465708.	2.6	25
62	Control of Electron-State Coupling in Asymmetric $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \text{Ge} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Si} \langle \text{mml:mi} \rangle \langle \text{mml:mtext} \rangle \hat{a} \langle \text{mml:mi} \rangle$ Quantum Wells. Physical Review Applied, 2019, 11, .	3.8	25
63	Absorption edges of black phosphorus: A comparative analysis. Physica Status Solidi (B): Basic Research, 2016, 253, 2509-2514.	1.5	24
64	Observation of the nucleation kinetics of Si quantum dots on SiO ₂ by energy filtered transmission electron microscopy. Applied Surface Science, 2003, 205, 304-308.	6.1	23
65	Role of the internal strain on the incomplete Si ^δ -SiO ₂ phase separation in substoichiometric silicon oxide films. Applied Physics Letters, 2007, 90, 183101.	3.3	22
66	Low-temperature, self-catalyzed growth of Si nanowires. Nanotechnology, 2010, 21, 255601.	2.6	22
67	UV-black rutile TiO ₂ : An antireflective photocatalytic nanostructure. Journal of Applied Physics, 2015, 117, 074903.	2.5	22
68	Electron trapping at SiO ₂ /4H-SiC interface probed by transient capacitance measurements and atomic resolution chemical analysis. Nanotechnology, 2018, 29, 395702.	2.6	22
69	Interface disorder probed at the atomic scale for graphene grown on the C face of SiC. Physical Review B, 2015, 91, .	3.2	20
70	Tailoring Electromagnetic Hot Spots toward Visible Frequencies in Ultra-Narrow Gap Al/Al ₂ O ₃ Bowtie Nanoantennas. ACS Photonics, 2018, 5, 3399-3407.	6.6	20
71	Chemical and biological evaluation of cross-linked halloysite-curcumin derivatives. Applied Clay Science, 2020, 184, 105400.	5.2	19
72	Anisotropic ultraviolet-plasmon dispersion in black phosphorus. Nanoscale, 2018, 10, 21918-21927.	5.6	18

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73	Exclusion zone surrounding silicon nanoclusters formed by rapid thermal chemical vapour deposition on SiO ₂ . <i>Surface Science</i> , 2004, 550, 119-126.	1.9	17
74	Partial self-ordering observed in silicon nanoclusters deposited on silicon oxide substrates by chemical vapor deposition. <i>Physical Review B</i> , 2005, 71, .	3.2	17
75	Low-temperature growth of In-assisted silicon nanowires. <i>Journal of Crystal Growth</i> , 2011, 335, 10-16.	1.5	17
76	The role of the interface in germanium quantum dots: when not only size matters for quantum confinement effects. <i>Nanoscale</i> , 2015, 7, 11401-11408.	5.6	17
77	Self-Formed, Conducting LaAlO ₃ /SrTiO ₃ Micro-Membranes. <i>Advanced Functional Materials</i> , 2020, 30, 1909964.	14.9	17
78	Atomic layer deposition of ZnO/TiO ₂ multilayers: towards the understanding of Ti-doping in ZnO thin films. <i>RSC Advances</i> , 2016, 6, 88886-88895.	3.6	16
79	Interlayer Coordination of Pd-Pd Units in Exfoliated Black Phosphorus. <i>Journal of the American Chemical Society</i> , 2021, 143, 10088-10098.	13.7	16
80	Amorphous to fcc-polycrystal transition in Ge ₂ Sb ₂ Te ₅ thin films studied by electrical measurements: Data analysis and comparison with direct microscopy observations. <i>Journal of Applied Physics</i> , 2009, 105, .	2.5	15
81	Light absorption enhancement in closely packed Ge quantum dots. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	15
82	Covalently Conjugated Gold-Porphyrin Nanostructures. <i>Nanomaterials</i> , 2020, 10, 1644.	4.1	14
83	Site-specific halloysite functionalization by polydopamine: A new synthetic route for potential near infrared-activated delivery system. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 1779-1791.	9.4	14
84	Development of silicon nitride dots for nanocrystal memory cells. <i>Solid-State Electronics</i> , 2004, 48, 1519-1524.	1.4	13
85	Onset of plastic relaxation in the growth of Ge on Si(001) at low temperatures: Atomic-scale microscopy and dislocation modeling. <i>Physical Review B</i> , 2013, 88, .	3.2	13
86	A forest of SiO ₂ nanowires covered by a TiO ₂ thin film for an efficient photocatalytic water treatment. <i>RSC Advances</i> , 2016, 6, 91121-91126.	3.6	13
87	Optical and photocatalytic properties of TiO ₂ nanoplumes. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 190-195.	2.8	13
88	L10-FeNi films on Au-Cu-Ni buffer-layer: a high-throughput combinatorial study. <i>Scientific Reports</i> , 2018, 8, 15919.	3.3	13
89	Selective synthesis of turbostratic polyhedral carbon nano-onions by arc discharge in water. <i>Nanotechnology</i> , 2018, 29, 325601.	2.6	13
90	Manipulating surface diffusion and elastic interactions to obtain quantum dot multilayer arrangements over different length scales. <i>Applied Physics Letters</i> , 2014, 105, .	3.3	12

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91	Electronic properties of epitaxial graphene residing on SiC facets probed by conductive atomic force microscopy. Applied Surface Science, 2014, 291, 53-57.	6.1	12
92	Crystallization and Electrical Properties of Ge-Rich GeSbTe Alloys. Nanomaterials, 2022, 12, 631.	4.1	12
93	From Atomistic to Device Level Investigation of Hybrid Redox Molecular/Silicon Field-Effect Memory Devices. IEEE Nanotechnology Magazine, 2011, 10, 275-283.	2.0	11
94	Homogeneity of Ge-rich nanostructures as characterized by chemical etching and transmission electron microscopy. Nanotechnology, 2012, 23, 045302.	2.6	11
95	Role of Ge nanoclusters in the performance of photodetectors compatible with Si technology. Thin Solid Films, 2013, 548, 551-555.	1.8	11
96	High resolution study of structural and electronic properties of epitaxial graphene grown on off-axis 4H α -SiC (0001). Journal of Crystal Growth, 2014, 393, 150-155.	1.5	11
97	Low-cost synthesis of pure ZnO nanowalls showing three-fold symmetry. Nanotechnology, 2018, 29, 135707.	2.6	11
98	One Pot Synthesis of Au-ZnO Core-Shell Nanoparticles Using a Zn Complex Acting as ZnO Precursor, Capping and Reducing Agent During the Formation of Au NPs. European Journal of Inorganic Chemistry, 2018, 2018, 4678-4683.	2.0	11
99	Imaging of Si quantum dots as charge storage nodes. Materials Science and Engineering C, 2003, 23, 1047-1051.	7.3	10
100	Memory effects in MOS devices based on Si quantum dots. Materials Science and Engineering C, 2003, 23, 33-36.	7.3	10
101	New Model of Liver Regeneration Induced Through Use of Vascular Endothelial Growth Factor. Transplantation Proceedings, 2006, 38, 1193-1194.	0.6	10
102	Modeling of phosphorus diffusion in silicon oxide and incorporation in silicon nanocrystals. Journal of Materials Chemistry C, 2016, 4, 3531-3539.	5.5	10
103	Synthesis of crystalline Si quantum dots by millisecond laser irradiation of SiO _x N _y layers. Journal of Applied Physics, 2010, 107, 023703.	2.5	9
104	Gallium chiral nanoshaping for circular polarization handling. Materials Horizons, 2021, 8, 187-196.	12.2	9
105	Effects of partial self-ordering of Si dots formed by chemical vapor deposition on the threshold voltage window distribution of Si nanocrystal memories. Journal of Applied Physics, 2006, 100, 086104.	2.5	8
106	Strain-induced generation of silicon nanopillars. Nanotechnology, 2013, 24, 335302.	2.6	8
107	Electronic band structures of undoped and P-doped Si nanocrystals embedded in SiO ₂ . Journal of Materials Chemistry C, 2018, 6, 119-126.	5.5	8
108	Quantitative electron energy loss spectroscopy of Si nanoclusters embedded in SiO _x . Microelectronic Engineering, 2007, 84, 486-489.	2.4	7

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109	As doping of Si-based low-dimensional systems. Applied Physics Letters, 2010, 96, 093116.	3.3	7
110	Effects of VLS and VS mechanisms during shell growth in GaAs-AlGaAs core-shell nanowires investigated by transmission electron microscopy. Materials Science in Semiconductor Processing, 2017, 65, 108-112.	4.0	7
111	Polymeric platform for the growth of chemically anchored ZnO nanostructures by ALD. RSC Advances, 2018, 8, 521-530.	3.6	7
112	MOCVD Growth of GeTe/Sb ₂ Te ₃ Core-Shell Nanowires. Coatings, 2021, 11, 718.	2.6	6
113	Nanoscale structural and electrical properties of graphene grown on AlGaN by catalyst-free chemical vapor deposition. Nanotechnology, 2021, 32, 015705.	2.6	6
114	Stacking Faults Defects on 3C-SiC Homo-Epitaxial Films. Materials Science Forum, 0, 924, 124-127.	0.3	5
115	Phase Change Ge-Rich Ge-Sb-Te/Sb ₂ Te ₃ Core-Shell Nanowires by Metal Organic Chemical Vapor Deposition. Nanomaterials, 2021, 11, 3358.	4.1	5
116	Monitoring the kinetic evolution of self-assembled SiGe islands grown by Ge surface thermal diffusion from a local source. Nanotechnology, 2014, 25, 135606.	2.6	4
117	STEM and EELS Investigation on Black Phosphorus at Atomic Resolution. Microscopy and Microanalysis, 2015, 21, 427-428.	0.4	4
118	Nanoscale electrical mapping of two-dimensional materials by conductive atomic force microscopy for transistors applications. AIP Conference Proceedings, 2018, , .	0.4	4
119	Modification of the van der Waals interaction at the Bi ₂ Te ₃ and Ge(111) interface. Physical Review Materials, 2021, 5, .		
120	Low-temperature atomic layer deposition of TiO ₂ activated by laser annealing: Applications in photocatalysis. Applied Surface Science, 2022, 596, 153641.	6.1	4
121	The influence of hydrogen and nitrogen on the formation of Si nanoclusters embedded in sub-stoichiometric silicon oxide layers. Microelectronics Reliability, 2007, 47, 777-780.	1.7	3
122	Quantitative study of the Si/SiO ₂ phase separation in substoichiometric silicon oxide films. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2009, 159-160, 80-82.	3.5	3
123	Effect of high-k materials in the control dielectric stack of nanocrystal memories. , 0, , .		2
124	Evaluation of the excess and clustered silicon profiles in a silicon implanted SiO ₂ layer. Nuclear Instruments & Methods in Physics Research B, 2007, 257, 104-107.	1.4	2
125	Structural properties of annealed SiO _x . Journal of Physics: Conference Series, 2010, 209, 012042.	0.4	2
126	Atomic structure of metal-free and catalyzed Si nanowires. Materials Research Society Symposia Proceedings, 2011, 1305, 1.	0.1	2

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127	A new route for fabrication of silicon QDs in a dielectric matrix of silica and silicate. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 1900-1903.	0.8	2
128	Atomic scale Monte Carlo simulations of BF_3 plasma immersion ion implantation in Si. Physica Status Solidi C: Current Topics in Solid State Physics, 2014, 11, 109-112.	0.8	2
129	One Pot Synthesis of Au-ZnO Core-Shell Nanoparticles Using a Zn Complex Acting as ZnO Precursor, Capping and Reducing Agent During the Formation of Au NPs. European Journal of Inorganic Chemistry, 2018, 2018, 4659-4659.	2.0	2
130	Nanocrystal MOS Memories Obtained by LPCVD Deposition of Si Nanograins. Solid State Phenomena, 2002, 82-84, 663-668.	0.3	1
131	Structural properties of Si nanocrystals: implications for light emitting devices fabrication. , 2008, , .		1
132	Origin of the Current Transport Anisotropy in Epitaxial Graphene Grown on Vicinal 4H-SiC (0001) Surfaces. Materials Science Forum, 0, 806, 103-107.	0.3	1
133	Delayed plastic relaxation limit in SiGe islands grown by Ge diffusion from a local source. Journal of Applied Physics, 2015, 117, 104309.	2.5	1
134	Anisotropic extended misfit dislocations in overcritical SiGe films by local substrate patterning. Nanotechnology, 2016, 27, 425301.	2.6	1
135	Towards a nanofabricated vacuum cold-emitting triode. , 2017, , .		1
136	Charging effects in Si quantum dots for Non Volatile Memories applications monitored by Electrostatic Force Microscopy. Materials Research Society Symposia Proceedings, 2003, 794, 7.	0.1	0
137	Local Self-Order Observed During Chemical Vapor Deposition of Silicon Quantum Dots for Application in Nanocrystal Memories. Materials Research Society Symposia Proceedings, 2004, 830, 237.	0.1	0
138	Evolution of the Transrotational Structure During Crystallization of Amorphous $\text{Ge}_2\text{Sb}_2\text{Te}_5$ Thin Films. Materials Research Society Symposia Proceedings, 2009, 1160, 1.	0.1	0
139	Analyses of the As doping of $\text{SiO}_2/\text{Si}/\text{SiO}_2$ nanostructures. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 863-866.	0.8	0
140	Atomic Scale Imaging and Energy Loss Spectroscopy of Epitaxial Graphene. Materials Research Society Symposia Proceedings, 2014, 1714, 1.	0.1	0
141	Observation of layer by layer graphitization of 4H-SiC, through atomic-EELS at low energy. Microscopy and Microanalysis, 2014, 20, 560-561.	0.4	0
142	Structural characterization of MOVPE-grown GaAs/AlGaAs core-shell nanowires through transmission electron microscopy. , 2015, , .		0
143	The design of the local monitor and control system of SKA dishes. , 2016, , .		0
144	Atomistic Simulations and Interfacial Morphology of Graphene Grown on SiC(0001) and SiC(000-1) Substrates. Materials Science Forum, 0, 858, 1121-1124.	0.3	0

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145	Interfacial Disorder of Graphene Grown at High Temperatures on 4H-SiC(000-1). Materials Science Forum, 0, 858, 1129-1132.	0.3	0
146	Observation of the nucleation kinetics of Si quantum dots on SiO ₂ by EFTEM. , 2018, , 119-122.		0
147	CONTRAPUNCTUS Project: A New Computer Solution for Braille Music Fruition. Lecture Notes in Computer Science, 2008, , 303-309.	1.3	0