

A Malachias

List of Publications by Year in descending order

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41
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134
all docs

134
docs citations

134
times ranked

2975
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural analysis of polycrystalline graphene systems by Raman spectroscopy. Carbon, 2015, 95, 646-652.	5.4	184
2	3D Composition of Epitaxial Nanocrystals by Anomalous X-Ray Diffraction: Observation of a Si-Rich Core in Ge Domes on Si(100). Physical Review Letters, 2003, 91, 176101.	2.9	159
3	Three-Dimensional Composition Profiles of Single Quantum Dots Determined by Scanning-Probe-Microscopy-Based Nanotomography. Nano Letters, 2008, 8, 1404-1409.	4.5	106
4	Direct evaluation of composition profile, strain relaxation, and elastic energy of Ge:Si(001) self-assembled islands by anomalous x-ray scattering. Physical Review B, 2002, 66, .	1.1	98
5	Enhanced Relaxation and Intermixing in Ge Islands Grown on Pit-Patterned Si(001) Substrates. Physical Review Letters, 2009, 102, 025502.	2.9	80
6	Graphene/h-BN plasmonâ€“phonon coupling and plasmon delocalization observed by infrared nano-spectroscopy. Nanoscale, 2015, 7, 11620-11625.	2.8	53
7	Wrinkled-up Nanochannel Networks: Long-Range Ordering, Scalability, and X-ray Investigation. ACS Nano, 2008, 2, 1715-1721.	7.3	47
8	X-ray study of atomic ordering in self-assembled Ge islands grown on Si(001). Physical Review B, 2005, 72, .	1.1	45
9	Paclitaxel-Loaded pH-Sensitive Liposome: New Insights on Structural and Physicochemical Characterization. Langmuir, 2018, 34, 5728-5737.	1.6	44
10	Co-delivery of doxorubicin, docosahexaenoic acid, and Î±-tocopherol succinate by nanostructured lipid carriers has a synergistic effect to enhance antitumor activity and reduce toxicity. Biomedicine and Pharmacotherapy, 2020, 132, 110876.	2.5	44
11	Evolution of Thermodynamic Potentials in Closed and Open Nanocrystalline Systems: Ge-Si:Si(001) Islands. Physical Review Letters, 2008, 100, 226101.	2.9	42
12	Probing the elastic properties of individual nanostructures by combining in situ atomic force microscopy and micro-x-ray diffraction. Applied Physics Letters, 2009, 94, 023109.	1.5	41
13	Synthesis, characterization and radiolabeling of polymeric nano-micelles as a platform for tumor delivering. Biomedicine and Pharmacotherapy, 2017, 89, 268-275.	2.5	41
14	Infrared Fingerprints of Natural 2D Talc and Plasmonâ€“Phonon Coupling in Grapheneâ€“Talc Heterostructures. ACS Photonics, 2018, 5, 1912-1918.	3.2	41
15	Controlling quantum dot emission by integration of semiconductor nanomembranes onto piezoelectric actuators. Physica Status Solidi (B): Basic Research, 2012, 249, 687-696.	0.7	36
16	Direct strain and elastic energy evaluation in rolled-up semiconductor tubes by x-ray microdiffraction. Physical Review B, 2009, 79, .	1.1	34
17	Temperature-Induced Coexistence of a Conducting Bilayer and the Bulk-Terminated Surface of the Topological Insulator Bi ₂ Te ₃ . Nano Letters, 2013, 13, 4517-4521.	4.5	33
18	Structural Investigations of Octadecylphosphonic Acid Multilayers. Langmuir, 2003, 19, 3345-3349.	1.6	31

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19	Development of a bone-targeted pH-sensitive liposomal formulation containing doxorubicin: physicochemical characterization, cytotoxicity, and biodistribution evaluation in a mouse model of bone metastasis. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 3737-3751.	3.3	31
20	From nano- to micrometer scale: the role of microwave-assisted acid and alkali pretreatments in the sugarcane biomass structure. <i>Biotechnology for Biofuels</i> , 2018, 11, 73.	6.2	30
21	Sclareol is a potent enhancer of doxorubicin: Evaluation of the free combination and co-loaded nanostructured lipid carriers against breast cancer. <i>Life Sciences</i> , 2019, 232, 116678.	2.0	26
22	Sub-diffractive cavity modes of terahertz hyperbolic phonon polaritons in tin oxide. <i>Nature Communications</i> , 2021, 12, 1995.	5.8	26
23	Strain states in a quantum well embedded into a rolled-up microtube: X-ray and photoluminescence studies. <i>Applied Physics Letters</i> , 2010, 96, .	1.5	25
24	Composition and strain in SiGe/Si(001) nanorings revealed by combined x-ray and selective wet chemical etching methods. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	24
25	SiGe wet chemical etchants with high compositional selectivity and low strain sensitivity. <i>Semiconductor Science and Technology</i> , 2008, 23, 085021.	1.0	23
26	Structural and magnetic properties of an InGaAs/Fe ₃ Si superlattice in cylindrical geometry. <i>Nanotechnology</i> , 2009, 20, 045703.	1.3	23
27	PEGylated cationic nanoemulsions can efficiently bind and transfect pDNA in a mucopolysaccharidosis type I murine model. <i>Journal of Controlled Release</i> , 2015, 209, 37-46.	4.8	23
28	Tailoring the Dielectric Layer Structure for Enhanced Carrier Mobility in Organic Transistors: The Use of Hybrid Inorganic/Organic Multilayer Dielectrics. <i>Advanced Electronic Materials</i> , 2016, 2, 1500402.	2.6	23
29	AFM characterization of PbTe quantum dots grown by molecular beam epitaxy under Volmer-Weber mode. <i>Journal of Crystal Growth</i> , 2001, 231, 121-128.	0.7	22
30	Magnetic structure and critical behavior of GdRhIn ₅ : Resonant x-ray diffraction and renormalization group analysis. <i>Physical Review B</i> , 2006, 74, .	1.1	22
31	Probing the Electronic Properties of Monolayer MoS ₂ via Interaction with Molecular Hydrogen. <i>Advanced Electronic Materials</i> , 2019, 5, 1800591.	2.6	22
32	Alpha-tocopheryl succinate improves encapsulation, pH-sensitivity, antitumor activity and reduces toxicity of doxorubicin-loaded liposomes. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 144, 105205.	1.9	22
33	Observation of Strain-Free Rolled-Up CVD Graphene Single Layers: Toward Unstrained Heterostructures. <i>Nano Letters</i> , 2014, 14, 3919-3924.	4.5	21
34	Straining Nanomembranes via Highly Mismatched Heteroepitaxial Growth: InAs Islands on Compliant Si Substrates. <i>ACS Nano</i> , 2012, 6, 10287-10295.	7.3	20
35	Treatment for chemical burning using liquid crystalline nanoparticles as an ophthalmic delivery system for pifendone. <i>International Journal of Pharmaceutics</i> , 2019, 568, 118466.	2.6	20
36	Direct observation of the coexistence of coherent and incoherent InAs self-assembled dots by x-ray scattering. <i>Applied Physics Letters</i> , 2001, 79, 4342-4344.	1.5	19

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37	In situ observation of the elastic deformation of a single epitaxial SiGe crystal by combining atomic force microscopy and micro x-ray diffraction. <i>Journal of Applied Physics</i> , 2009, 106, 103525.	1.1	19
38	Atomic ordering dependence on growth method in Ge:Si(001) islands: Influence of surface kinetic and thermodynamic interdiffusion mechanisms. <i>Physical Review B</i> , 2010, 82, .	1.1	18
39	Thermal Stability and Ordering Study of Long- and Short-Alkyl Chain Phosphonic Acid Multilayers. <i>Langmuir</i> , 2012, 28, 15124-15133.	1.6	18
40	Elastic energy mapping of epitaxial nanocrystals. <i>Applied Physics A: Materials Science and Processing</i> , 2005, 80, 1211-1214.	1.1	17
41	Rolled-up tubes and cantilevers by releasing SrRuO ₃ -Pr _{0.7} Ca _{0.3} MnO ₃ nanomembranes. <i>Nanoscale Research Letters</i> , 2011, 6, 621.	3.1	16
42	Tuning resistive switching on single-pulse doped multilayer memristors. <i>Nanotechnology</i> , 2013, 24, 035702.	1.3	16
43	Phase behavior of dioleoylphosphatidylethanolamine molecules in the presence of components of pH-sensitive liposomes and paclitaxel. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 144, 276-283.	2.5	16
44	Tracking defect type and strain relaxation in patterned Ge/Si(001) islands by x-ray forbidden reflection analysis. <i>Physical Review B</i> , 2011, 84, .	1.1	15
45	Mechanistic insights into the intracellular release of doxorubicin from pH-sensitive liposomes. <i>Biomedicine and Pharmacotherapy</i> , 2021, 134, 110952.	2.5	15
46	Atomic structure and composition of the 2 \times 2 reconstruction of the Ge wetting layer on Si(001) investigated by surface x-ray diffraction. <i>Physical Review B</i> , 2011, 83, .	1.1	14
47	Experimental Evidence and Modified Growth Model of Alloying in In _x Ga _{1-x} As Nanowires. <i>Journal of Physical Chemistry C</i> , 2012, 116, 24777-24783.	1.5	14
48	Antiferromagnetic ordering of divalent Eu in Eu ₃ Ir ₄ Sn ₁₃ intermetallic compound. <i>Physica B: Condensed Matter</i> , 2006, 384, 332-335.	1.3	13
49	Ursolic Acid Incorporation Does Not Prevent the Formation of a Non-lamellar Phase in pH-Sensitive and Long-Circulating Liposomes. <i>Langmuir</i> , 2014, 30, 15083-15090.	1.6	13
50	X-ray determination of vertical ordering of InAs quantum dots in InAs/GaAs multilayers. <i>Applied Physics Letters</i> , 2001, 78, 1056-1058.	1.5	12
51	Spin structure and interfacial transition of $\text{In}_{1-x}\text{Ga}_x\text{As}$ near-surface magnetism, buried amplitude-modulated phase, and interface delocalization. <i>Physical Review B</i> , 2008, 77, .	1.1	12
52	In-plane mapping of buried InGaAs quantum rings and hybridization effects on the electronic structure. <i>Journal of Applied Physics</i> , 2012, 112, .	1.1	12
53	Exploring the structural and optoelectronic properties of natural insulating phlogopite in van der Waals heterostructures. <i>2D Materials</i> , 2022, 9, 035007.	2.0	12
54	Planar hybrid superlattices by compression of rolled-up nanomembranes. <i>Applied Physics Letters</i> , 2009, 94, 053102.	1.5	10

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55	Direct Evidences of Enhanced Ga Interdiffusion in InAs Vertically Aligned Free-Standing Nanowires. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 4673-4678.	0.9	10
56	Anisotropic Confinement, Electronic Coupling and Strain Induced Effects Detected by Valence-Band Anisotropy in Self-Assembled Quantum Dots. <i>Nanoscale Research Letters</i> , 2011, 6, 56.	3.1	10
57	Investigation of the structural organization of cationic nanoemulsion/antisense oligonucleotide complexes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 112, 530-536.	2.5	10
58	Structural and magnetic confinement of holes in the spin-polarized emission of coupled quantum ring quantum dot chains. <i>Physical Review B</i> , 2014, 90, .	1.1	10
59	Formation of Bi ₂ Se ₃ Phases Upon Annealing of the Topological Insulator Bi ₂ Se ₃ : Stabilization of In-Depth Bismuth Bilayers. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 954-960.	2.1	10
60	Study of the structural organization of cyclodextrin-DNA complex loaded anionic and pH-sensitive liposomes. <i>Chemical Physics Letters</i> , 2011, 506, 66-70.	1.2	9
61	Experimental realization of coexisting states of rolled-up and wrinkled nanomembranes by strain and etching control. <i>Nanoscale</i> , 2014, 6, 14326-14335.	2.8	9
62	Observation of Emission Enhancement Caused by Symmetric Carrier Depletion in III-V Nanomembrane Heterostructures. <i>ACS Photonics</i> , 2014, 1, 863-870.	3.2	9
63	Influence of annealing temperature and Sn doping on the optical properties of hematite thin films determined by spectroscopic ellipsometry. <i>Journal of Applied Physics</i> , 2016, 119, 245104.	1.1	9
64	Oxygen intercalated graphene on SiC(0001): Multiphase SiO _x layer formation and its influence on graphene electronic properties. <i>Carbon</i> , 2020, 167, 746-759.	5.4	9
65	Rolled-Up Quantum Wells Composed of Nanolayered InGaAs/GaAs Heterostructures as Optical Materials for Quantum Information Technology. <i>ACS Applied Nano Materials</i> , 2021, 4, 3140-3147.	2.4	9
66	Determination of Ga interdiffusion in InAs : GaAs(001) islands by x-ray reciprocal space mapping. <i>Journal Physics D: Applied Physics</i> , 2003, 36, A249-A252.	1.3	8
67	Resonant x-ray scattering from self-assembled InP-GaAs(001) islands: Understanding the chemical structure of quaternary quantum dots. <i>Applied Physics Letters</i> , 2008, 92, 021903.	1.5	8
68	Compression of Vectors for Small Interfering RNAs Delivery: Toward Oral Administration of siRNA Lipoplexes in Tablet Forms. <i>Molecular Pharmaceutics</i> , 2020, 17, 1159-1169.	2.3	8
69	Bi ₂ :Bi ₂ Te ₃ stacking influence on the surface electronic response of the topological insulator Bi ₄ Te ₃ . <i>Electronic Structure</i> , 2020, 2, 015002.	1.0	8
70	High throughput investigation of an emergent and naturally abundant 2D material: Clinocllore. <i>Applied Surface Science</i> , 2022, 599, 153959.	3.1	8
71	Evolution of crystalline domain size and epitaxial orientation of CdTe/Si(111) quantum dots. <i>Journal of Applied Physics</i> , 2010, 107, 064305.	1.1	7
72	Vertically ordered magnetic EuTe quantum dots stacks on SnTe matrices. <i>Nanotechnology</i> , 2012, 23, 015604.	1.3	7

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73	Nondestructive Monitoring of Defect Evolution in Epitaxial CdTe Thin Layers Grown on Si(111). Journal of Physical Chemistry C, 2014, 118, 1968-1973.	1.5	7
74	Direct evidence of strain transfer for InAs island growth on compliant Si substrates. Applied Physics Letters, 2015, 106, .	1.5	7
75	Direct evaluation of CVD multilayer graphene elastic properties. RSC Advances, 2016, 6, 103707-103713.	1.7	7
76	Structural properties of ultra-low-energy ion-implanted silicon studied by combined X-ray scattering methods. Journal of Applied Crystallography, 2006, 39, 571-581.	1.9	6
77	Composition and atomic ordering of Ge/Si(001) wetting layers. Thin Solid Films, 2007, 515, 5587-5592.	0.8	6
78	Study of roughness evolution and layer stacking faults in short-period atomic layer deposited HfO ₂ /Al ₂ O ₃ multilayers. Journal of Applied Physics, 2011, 109, 063524.	1.1	6
79	Energy dispersive X-ray reflectivity applied to the study of thermal stability of self-assembled organic multilayers: Results on phosphonic acids. Synthetic Metals, 2012, 161, 2521-2525.	2.1	6
80	Phase-dependent premelting of self-assembled phosphonic acid multilayers. Physical Review E, 2013, 87, 052402.	0.8	6
81	Unveiling 3D physicochemical changes of sugarcane bagasse during sequential acid/alkali pretreatments by synchrotron phase-contrast imaging. Industrial Crops and Products, 2018, 114, 19-27.	2.5	6
82	Scanning Tunneling Measurements in Membrane-Based Nanostructures: Spatially-Resolved Quantum State Analysis in Postprocessed Epitaxial Systems for Optoelectronic Applications. ACS Applied Nano Materials, 2019, 2, 4655-4664.	2.4	6
83	Modifying the Density of States of Single-Walled Carbon Nanotubes by Reversible Wrapping with Organometallic Nanofoils: A Scanning Tunneling Spectroscopy Study. Journal of Physical Chemistry C, 2012, 116, 25611-25616.	1.5	5
84	Understanding molecular interactions in light-emitting polymer bilayers: The role of solvents and molecular structure on the interface quality. Applied Physics Letters, 2014, 104, 163301.	1.5	5
85	STM-electroluminescence from clustered C ₃ N ₄ nanodomains synthesized via green chemistry process. Ultrasonics Sonochemistry, 2018, 40, 742-747.	3.8	5
86	Physical and biological effects of paclitaxel encapsulation on disteraroylphosphatidylethanolamine-polyethyleneglycol polymeric micelles. Colloids and Surfaces B: Biointerfaces, 2020, 188, 110760.	2.5	5
87	All-perylene-derivative for white light emitting diodes. Physical Chemistry Chemical Physics, 2020, 22, 20744-20750.	1.3	5
88	Preparation and characterization of gadolinium-based thermosensitive liposomes: A potential nanosystem for selective drug delivery to cancer cells. Journal of Drug Delivery Science and Technology, 2021, 65, 102686.	1.4	5
89	X-ray study of strain and composition of Si ^{δ+} •Ge _{0.85} Si _{0.15} (111) islands grown in Volmer-Weber mode. Journal of Applied Physics, 2004, 96, 3234-3238.	1.1	4
90	Measurement of Si 311 defect properties using x-ray scattering. Journal of Applied Physics, 2005, 98, 073529.	1.1	4

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91	Investigation of indirect structural and chemical parameters of GeSi nanoparticles in a silica matrix by combined synchrotron radiation techniques. <i>Journal of Applied Crystallography</i> , 2012, 45, 71-84.	1.9	4
92	InAs migration on released, wrinkled InGaAs membranes used as virtual substrate. <i>Nanotechnology</i> , 2014, 25, 455603.	1.3	4
93	Chemical Stabilization and Improved Thermal Resilience of Molecular Arrangements: Possible Formation of a Surface Network of Bonds by Multiple Pulse Atomic Layer Deposition. <i>Journal of Physical Chemistry B</i> , 2014, 118, 9792-9799.	1.2	4
94	Self-assembled triangular graphene nanostructures: Evidence of dual electronic response. <i>Carbon</i> , 2019, 142, 580-591.	5.4	4
95	Direct observation of large strain through van der Waals gaps on epitaxial graphene	0.9	4
96	Reconfiguration of Amorphous Complex Oxides: A Route to a Broad Range of Assembly Phenomena, Hybrid Materials, and Novel Functionalities. <i>Small</i> , 2022, 18, e2105424.	5.2	4
97	Photoresist-buffer-enhanced antiferromagnetic coupling and the giant magnetoresistance effect of Co/Cu multilayers. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 452202.	0.7	3
98	Search for spin-lattice coupling mediated by itinerant electrons: Synchrotron x-ray diffraction and Raman scattering from GdAl ₃ . <i>Physical Review B</i> , 2008, 77, .	1.1	3
99	Growth of EuTe islands on SnTe by molecular beam epitaxy. <i>Journal of Crystal Growth</i> , 2010, 312, 2828-2833.	0.7	3
100	Metastable phase formation and structural evolution of epitaxial graphene grown on SiC(100) under a temperature gradient. <i>Nanotechnology</i> , 2012, 23, 175603.	1.3	3
101	Overgrowth of wrinkled InGaAs membranes using molecular beam epitaxy. <i>Journal of Crystal Growth</i> , 2015, 425, 39-42.	0.7	3
102	Silicon Nanomembranes with Hybrid Crystal Orientations and Strain States. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 42372-42382.	4.0	3
103	Study of growth properties of InAs islands on patterned InP substrates defined by focused ion beam. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2017, 87, 59-67.	1.3	3
104	Experimental Realization of a Quaternary Bi-Chalcogenide Topological Insulator with Smaller Effective Mass. <i>Journal of Physical Chemistry C</i> , 2019, 123, 14398-14403.	1.5	3
105	Thermosensitive liposomes containing cisplatin functionalized by hyaluronic acid: preparation and physicochemical characterization. <i>Journal of Nanoparticle Research</i> , 2022, 24, .	0.8	3
106	X-ray scattering from self-assembled InAs islands. <i>Brazilian Journal of Physics</i> , 2004, 34, 571-576.	0.7	2
107	ESR study of the g -value in the metallic phase of cubic hexaboride $\text{Ca}_{1-x}\text{Eu}_x\text{B}_6$ ($0.15 \leq x \leq 1.00$). <i>Physical Review B</i> , 2006, 73, .	1.1	2
108	Interface engineering to probe exciton energy transfer mechanism in conjugated polymer bilayers. <i>Organic Electronics</i> , 2014, 15, 3501-3505.	1.4	2

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109	Room temperature observation of the correlation between atomic and electronic structure of graphene on Cu(110). RSC Advances, 2016, 6, 98001-98009.	1.7	2
110	Quantitative measurement of manganese incorporation into (In,Mn)As islands by resonant x-ray scattering. Physical Review B, 2017, 96, .	1.1	2
111	Anomalous X-Ray Scattering On Self-Assembled Islands: Direct Evaluation Of Composition Profile, Strain Relaxation, And Elastic Energy. Materials Research Society Symposia Proceedings, 2002, 737, 35.	0.1	1
112	Resonant X-ray diffraction of self-assembled epitaxial systems: From direct to complementary chemical information. European Physical Journal: Special Topics, 2012, 208, 217-229.	1.2	1
113	Measuring Friedel pairs in nanomembranes of GaAs (001). Journal of Nanoparticle Research, 2013, 15, 1.	0.8	1
114	Unravelling the molecular structure and packing of a planar molecule by combining nuclear magnetic resonance and scanning tunneling microscopy. Physical Chemistry Chemical Physics, 2013, 15, 20691.	1.3	1
115	Epitaxial growth of CdMnTe quantum dots directly on Si(111). , 2014, , .		1
116	Anomalous strain behavior on EuTe self-assembled islands. Journal of Crystal Growth, 2014, 386, 139-145.	0.7	1
117	Ordered domain lateral location, symmetry, and thermal stability in Ge:Si islands. Applied Physics Letters, 2015, 106, 012108.	1.5	1
118	Temperature evolution of defects and atomic ordering in Si _{1-x} Ge _x islands on Si(001). Journal of Applied Physics, 2016, 119, 085704.	1.1	1
119	Tailoring resistive switching properties of TiO ₂ with controlled incorporation of oxide nanoparticles. Materials Research Express, 2016, 3, 085024.	0.8	1
120	Near-edge X-ray absorption spectroscopy signature of image potential states in multilayer epitaxial graphene. Surface Science, 2016, 644, 135-140.	0.8	1
121	Observation of partial relaxation mechanisms via anisotropic strain relief on epitaxial islands using semiconductor nanomembranes. Nanotechnology, 2017, 28, 305702.	1.3	1
122	A simplified model for direct experimental determination of energy transfer quantum efficiency as a function of donor-acceptor interaction distance. Applied Physics Letters, 2018, 112, 053301.	1.5	1
123	Modified strain and elastic energy behavior of Ge islands formed on high-miscut Si(001) substrates. Applied Surface Science, 2019, 466, 801-807.	3.1	1
124	Retrieving the configuration of grain boundary structure in polycrystalline materials by extraordinary X-ray reflection analysis. Journal of Applied Crystallography, 2020, 53, 1006-1014.	1.9	1
125	High Throughput Investigation of an Emergent and Naturally Abundant 2D Material: Clinochlore. SSRN Electronic Journal, 0, , .	0.4	1
126	The Special Case of the Spectral Emission of a Tb ³⁺ Mono Metal Complex. ChemPhysChem, 2022, 23, .	1.0	1

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127	X-ray analysis of strain, composition and elastic energy in Ge islands on Si(001). International Journal of Nanotechnology, 2008, 5, 1340.	0.1	0
128	STRUCTURAL CHARACTERIZATION OF CdTe/Si(111) QUANTUM DOTS. , 2010, , .		0
129	On the Ga interdiffusion in InAs free-standing nanowires grown by molecular beam epitaxy. AIP Conference Proceedings, 2011, , .	0.3	0
130	Energy dispersive x-ray reflectivity applied to the study of thermal stability of self-assembled organic multilayers: Results on phosphonic acids. , 2012, , .		0
131	Emergence of Supramolecular Order from Combined Linear Amphiphilic and Diphosphonate Molecules. Langmuir, 2021, 37, 3685-3693.	1.6	0
132	From ensemble average to single (nano-) objects properties by X-ray microdiffraction: a short review on structure determination (local strain, composition, ...) and objects manipulation (AFM-coupled). Revue De Metallurgie, 2010, 107, 433-439.	0.3	0
133	Mg-Doped GaAs Nanowires with Enhanced Surface Alloying for Use as Ohmic Contacts in Nanoelectronic Devices. ACS Applied Nano Materials, 0, , .	2.4	0
134	Experimental evidence of a mixed amorphous-crystalline graphene/SiC interface due to oxygen-intercalation. Surfaces and Interfaces, 2022, 30, 101906.	1.5	0