

Quan Li

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1707290/quan-li-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

273
papers

11,572
citations

55
h-index

97
g-index

283
ext. papers

12,437
ext. citations

6.8
avg, IF

6.35
L-index

#	Paper	IF	Citations
273	Zero-field magnetometry using hyperfine-biased nitrogen-vacancy centers near diamond surfaces. <i>Physical Review Research</i> , 2022 , 4,	3.9	1
272	Predicting Toxicity and Response to Pembrolizumab Through Germline Genomic HLA Class 1 Analysis. <i>JNCI Cancer Spectrum</i> , 2021 , 5, pkaa115	4.6	3
271	Charging a Negatively Curved Nanographene and Its Covalent Network. <i>Journal of the American Chemical Society</i> , 2021 , 143, 5231-5238	16.4	6
270	MiR-874-3p plays a protective role in intervertebral disc degeneration by suppressing MMP2 and MMP3. <i>European Journal of Pharmacology</i> , 2021 , 895, 173891	5.3	5
269	Association of Nanodiamond Rotation Dynamics with Cell Activities by Translation-Rotation Tracking. <i>Nano Letters</i> , 2021 , 21, 3393-3400	11.5	5
268	Ultra-sensitive hybrid diamond nanothermometer. <i>National Science Review</i> , 2021 , 8, nwa194	10.8	9
267	Clinical application of Myelopathy-hand Functional Evaluation System in evaluating the postoperative hand motor function for myelopathy patients. <i>Clinical Neurology and Neurosurgery</i> , 2021 , 202, 106524	2	
266	Robot-assisted minimally invasive transforaminal lumbar interbody fusion versus open transforaminal lumbar interbody fusion: a retrospective matched-control analysis for clinical and quality-of-life outcomes. <i>Journal of Comparative Effectiveness Research</i> , 2021 , 10, 845-856	2.1	2
265	Cellular fate of deformable needle-shaped PLGA-PEG fibers. <i>Acta Biomaterialia</i> , 2020 , 112, 182-189	10.8	5
264	Genetic variability of human angiotensin-converting enzyme 2 (hACE2) among various ethnic populations. <i>Molecular Genetics & Genomic Medicine</i> , 2020 , 8, e1344	2.3	35
263	Antinociceptive effect of intrathecal injection of miR-9-5p modified mouse bone marrow mesenchymal stem cells on a mouse model of bone cancer pain. <i>Journal of Neuroinflammation</i> , 2020 , 17, 85	10.1	4
262	Quantifying Differences in Heritability among Psoriatic Arthritis (PsA), Cutaneous Psoriasis (PsC) and Psoriasis vulgaris (PsV). <i>Scientific Reports</i> , 2020 , 10, 4925	4.9	15
261	Nanoparticle formulated vaccines: opportunities and challenges. <i>Nanoscale</i> , 2020 , 12, 5746-5763	7.7	38
260	Hollow multishell structures exercise temporal-spatial ordering and dynamic smart behaviour. <i>Nature Reviews Chemistry</i> , 2020 , 4, 159-168	34.6	83
259	Clinical Application of a New Assessment Tool for Myelopathy Hand Using Virtual Reality. <i>Spine</i> , 2020 , 45, E1645-E1652	3.3	5
258	Robot-assisted orthopedic surgery in the treatment of adult degenerative scoliosis: a preliminary clinical report. <i>Journal of Orthopaedic Surgery and Research</i> , 2020 , 15, 282	2.8	8
257	Pore formation induced by nanoparticles binding to a lipid membrane. <i>Nanoscale</i> , 2020 , 12, 7902-7913	7.7	2

256	Polymeric and ceramic silicon-based coatings: A review. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 1936-1963	10.8	108
255	Coherent quantum control of nitrogen-vacancy center spins near 1000 kelvin. <i>Nature Communications</i> , 2019 , 10, 1344	17.4	31
254	Nanometer-precision non-local deformation reconstruction using nanodiamond sensing. <i>Nature Communications</i> , 2019 , 10, 3259	17.4	12
253	Boosting the electrocatalytic activity of amorphous molybdenum sulfide nanoflakes via nickel sulfide decoration. <i>Nanoscale</i> , 2019 , 11, 22971-22979	7.7	9
252	Hybrid nanovaccine for the co-delivery of the mRNA antigen and adjuvant. <i>Nanoscale</i> , 2019 , 11, 21782-21789	7.7	18
251	Arteriovenous Fistula Inside Cervical Spinal Canal Associated with Neurofibromatosis Type 1. <i>World Neurosurgery</i> , 2019 , 123, 283-285	2.1	2
250	Manipulating Local Chemistry of Phosphorus for High-Performance Sodium Ion Battery Anode Applications. <i>ACS Applied Energy Materials</i> , 2019 , 2, 661-667	6.1	7
249	Probing Chemical and Mechanical Nanodomains in Copolymer Nanorods with Correlative Atomic Force Microscopy/Nano-correscopy. <i>Particle and Particle Systems Characterization</i> , 2018 , 35, 1700409	3.1	5
248	Multidrug Resistance in Cancer Circumvented Using a Cytosolic Drug Reservoir. <i>Advanced Science</i> , 2018 , 5, 1700289	13.6	11
247	Improving cycle stability of SnS anode for sodium-ion batteries by limiting Sn agglomeration. <i>Journal of Power Sources</i> , 2018 , 377, 1-6	8.9	46
246	Magnetic Criticality Enhanced Hybrid Nanodiamond Thermometer under Ambient Conditions. <i>Physical Review X</i> , 2018 , 8,	9.1	28
245	Noninvasive real-time monitoring of local drug release using nano-Au-absorbed self-decomposable SiO carriers. <i>Nanoscale</i> , 2018 , 10, 15332-15338	7.7	9
244	Enhanced Photocatalytic Hydrogen Evolution by Loading CdZnS QDs onto NiP Porous Nanosheets. <i>Nanoscale Research Letters</i> , 2018 , 13, 31	5	17
243	Hybrid nanodiamond quantum sensors enabled by volume phase transitions of hydrogels. <i>Nature Communications</i> , 2018 , 9, 3188	17.4	44
242	Sn4P3/SbSn Nanocomposites for Anode Application in Sodium-Ion Batteries. <i>ChemElectroChem</i> , 2018 , 5, 2383-2386	4.3	8
241	WISP1 mediates lung injury following hepatic ischemia reperfusion dependent on TLR4 in mice. <i>BMC Pulmonary Medicine</i> , 2018 , 18, 189	3.5	1
240	Porous SnSbNPs@3D-C Anode with Improved Stability for Sodium-Ion Battery. <i>Journal of the Electrochemical Society</i> , 2018 , 165, A1455-A1459	3.9	13
239	Synthesis of Cu ₂ SnS ₃ nanosheets as an anode material for sodium ion batteries. <i>Journal of Alloys and Compounds</i> , 2017 , 699, 517-520	5.7	22

238	A simple route to improve rate performance of LiFePO ₄ /reduced graphene oxide composite cathode by adding Mg ²⁺ via mechanical mixing. <i>Journal of Power Sources</i> , 2017 , 347, 29-36	8.9	25
237	Phase pure Sn ₄ P ₃ nanotops by solution-liquid-solid growth for anode application in sodium ion batteries. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 5791-5796	13	42
236	Regulator of G protein signaling 20 correlates with clinicopathological features and prognosis in triple-negative breast cancer. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 485, 693-697	3.4	8
235	Loading CdZnS Quantum Dots onto Onion-Like Carbon Nanoparticles to Boost Photocatalytic Hydrogen Generation. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 22560-22567	9.5	39
234	Microstructural evolution, mechanical and thermal properties of LaB ₆ embedded in Si-B-C-N prepared by spark plasma sintering. <i>Ceramics International</i> , 2017 , 43, 4814-4820	5.1	8
233	Revisiting the origin of cycling enhanced capacity of Fe ₃ O ₄ based nanostructured electrode for lithium ion batteries. <i>Nano Energy</i> , 2017 , 41, 426-433	17.1	100
232	Cu ₄ SnP ₁₀ as a promising anode material for sodium ion batteries. <i>Nano Energy</i> , 2017 , 39, 506-512	17.1	37
231	Shape dependent cytotoxicity of PLGA-PEG nanoparticles on human cells. <i>Scientific Reports</i> , 2017 , 7, 7315	4.9	59
230	Anchored but not internalized: shape dependent endocytosis of nanodiamond. <i>Scientific Reports</i> , 2017 , 7, 46462	4.9	21
229	A common variant in CLDN14 causes precipitous, prelingual sensorineural hearing loss in multiple families due to founder effect. <i>Human Genetics</i> , 2017 , 136, 107-118	6.3	11
228	High Energy Density Aqueous Li-Ion Flow Capacitor. <i>Advanced Energy Materials</i> , 2017 , 7, 1601248	21.8	18
227	Saquinavir Ameliorates Liver Warm Ischemia-Reperfusion-Induced Lung Injury via HMGB-1- and P38/JNK-Mediated TLR-4-Dependent Signaling Pathways. <i>Mediators of Inflammation</i> , 2017 , 2017, 7083528	4.3	8
226	Improving the cycling stability of Sn ₄ P ₃ anode for sodium-ion battery. <i>Journal of Power Sources</i> , 2017 , 364, 420-425	8.9	55
225	Amorphous silicoboron carbonitride monoliths resistant to flowing air up to 1800 °C. <i>Corrosion Science</i> , 2016 , 109, 162-173	6.8	24
224	Nanoclusters of CaSe in calcium-doped Bi ₂ Se ₃ grown by molecular-beam epitaxy. <i>Nanotechnology</i> , 2016 , 27, 085601	3.4	3
223	Stimuli-free programmable drug release for combination chemo-therapy. <i>Nanoscale</i> , 2016 , 8, 12553-9	7.7	28
222	WISP1 mediates hepatic warm ischemia reperfusion injury via TLR4 signaling in mice. <i>Scientific Reports</i> , 2016 , 6, 20141	4.9	13
221	Control over large-volume changes of lithium battery anodes via active/inactive metal alloy embedded in porous carbon. <i>Nano Energy</i> , 2015 , 15, 755-765	17.1	46

220	Rapid endosomal escape of prickly nanodiamonds: implications for gene delivery. <i>Scientific Reports</i> , 2015 , 5, 11661	4.9	77
219	Compositional effects and optical properties of CdSeXTe _{1-x} alloyed nanotube arrays. <i>CrystEngComm</i> , 2015 , 17, 960-966	3.3	11
218	Double loaded self-decomposable SiO ₂ nanoparticles for sustained drug release. <i>Nanoscale</i> , 2015 , 7, 16389-98	7.7	30
217	Effects of inverse degree on electronic structure and electron energy-loss spectrum in zinc ferrites. <i>Solid State Communications</i> , 2015 , 223, 12-15	1.6	8
216	Analgesia for total knee arthroplasty: a meta-analysis comparing local infiltration and femoral nerve block. <i>Clinics</i> , 2015 , 70, 648-53	2.3	20
215	Electrophoretic lithium iron phosphate/reduced graphene oxide composite for lithium ion battery cathode application. <i>Journal of Power Sources</i> , 2015 , 284, 236-244	8.9	47
214	Sulphur-impregnated flow cathode to enable high-energy-density lithium flow batteries. <i>Nature Communications</i> , 2015 , 6, 5877	17.4	115
213	Unambiguous observation of shape effects on cellular fate of nanoparticles. <i>Scientific Reports</i> , 2014 , 4, 4495	4.9	165
212	Few-layer MoSe ₂ possessing high catalytic activity towards iodide/tri-iodide redox shuttles. <i>Scientific Reports</i> , 2014 , 4, 4063	4.9	66
211	Designing nanoparticle carriers for enhanced drug efficacy in photodynamic therapy. <i>Biomaterials Science</i> , 2014 , 2, 827-832	7.4	19
210	Panchromatic light harvesting by N719 with a porphyrin molecule for high-performance dye-sensitized solar cells. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 3521	7.1	24
209	Hydrogen Evolution from Pt Nanoparticles Covered p-Type CdS:Cu Photocathode in Scavenger-Free Electrolyte. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 2306-2311	3.8	20
208	Free Energy Calculation of Nanodiamond-Membrane Association-The Effect of Shape and Surface Functionalization. <i>Journal of Chemical Theory and Computation</i> , 2014 , 10, 2751-8	6.4	22
207	Engineering three-dimensionally electrodeposited Si-on-Ni inverse opal structure for high volumetric capacity Li-ion microbattery anode. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 9842-9	9.5	37
206	Vertically aligned CdTe nanotube arrays on indium tin oxide for visible-light-driven photoelectrocatalysis. <i>Applied Catalysis B: Environmental</i> , 2014 , 147, 17-21	21.8	18
205	Printable highly catalytic Pt- and TCO-free counter electrode for dye-sensitized solar cells. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 2224-9	9.5	32
204	Visible-light-driven photocatalytic properties of ZnO/ZnFe ₂ O ₄ core/shell nanocable arrays. <i>Applied Catalysis B: Environmental</i> , 2014 , 160-161, 408-414	21.8	126
203	Strong coupling without touching. <i>National Science Review</i> , 2014 , 1, 472-473	10.8	

202	Well-Aligned Quaternary Cu ₂ CoSnS ₄ Single-Crystalline Nanowires as a Potential Low-Cost Solar Cell Material. <i>ChemPlusChem</i> , 2014 , 79, 1638-1642	2.8	12
201	ZnFe ₂ O ₄ Nanotubes: Microstructure and Magnetic Properties. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 30145-30152	3.8	39
200	Conformational engineering of co-sensitizers to retard back charge transfer for high-efficiency dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 11553	13	88
199	Improving pore filling of gel electrolyte and charge transport in photoanode for high-efficiency quasi-solid-state dye-sensitized solar cells. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 8289-93	9.5	15
198	Electrodeposited three-dimensional Ni-Si nanocable arrays as high performance anodes for lithium ion batteries. <i>Nanoscale</i> , 2013 , 5, 10376-83	7.7	33
197	Melting of metallic electrodes and their flowing through a carbon nanotube channel within a device. <i>Advanced Materials</i> , 2013 , 25, 2693-9	24	18
196	Tuning the composition of ZnFe ₂ O ₄ nanotube arrays: from zinc ferrite ZnFe ₂ O ₄ to hematite Fe ₂ O ₃ . <i>CrystEngComm</i> , 2013 , 15, 8306	3.3	21
195	Visible light-driven CdSe nanotube array photocatalyst. <i>Nanoscale Research Letters</i> , 2013 , 8, 230	5	14
194	EFFECTS OF OXYGEN VACANCY ON MAGNETIC PROPERTIES OF COBALT-DOPED ZnO DILUTE MAGNETIC SEMICONDUCTORS. <i>International Journal of Modern Physics B</i> , 2013 , 27, 1350078	1.1	2
193	Enhanced electrochemical performance of three-dimensional Ni/Si nanocable arrays as a Li-ion battery anode by nitrogen doping in the Si shell. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 12190-8	9.5	11
192	Synthesis and photoelectric properties of Cu ₂ ZnGeS ₄ and Cu ₂ ZnGeSe ₄ single-crystalline nanowire arrays. <i>Langmuir</i> , 2013 , 29, 8713-7	4	41
191	Observation of the defect states in individual Co-doped ZnO dilute magnetic semiconducting nanostructures by electron energy-loss spectroscopy. <i>Scripta Materialia</i> , 2013 , 69, 262-265	5.6	1
190	Controllable drug release and simultaneously carrier decomposition of SiO ₂ -drug composite nanoparticles. <i>Journal of the American Chemical Society</i> , 2013 , 135, 5709-16	16.4	187
189	Plasmonic harvesting of light energy for Suzuki coupling reactions. <i>Journal of the American Chemical Society</i> , 2013 , 135, 5588-601	16.4	487
188	Surface plasmon enhanced drug efficacy using core-shell Au@SiO ₂ nanoparticle carrier. <i>Nanoscale</i> , 2013 , 5, 3406-11	7.7	29
187	Highly aligned Cu ₂ O/CuO/TiO ₂ core/shell nanowire arrays as photocathodes for water photoelectrolysis. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 2418-2425	13	181
186	Three-dimensional nanocable arrays with a copper core and cupric oxide shell for high power lithium ion batteries. <i>RSC Advances</i> , 2013 , 3, 11586	3.7	5
185	Fabrication of Au nanotube arrays and their plasmonic properties. <i>Nanoscale</i> , 2013 , 5, 3742-6	7.7	29

184	One-Step Synthesis of High-Coercivity L10-FePtAg Nanoparticles: Effects of Ag on the Morphology and Chemical Ordering of FePt Nanoparticles. <i>Chemistry of Materials</i> , 2013 , 25, 2450-2454	9.6	48
183	Nucleation and Growth of Cubic Boron Nitride Under Different Substrate Bias 2013 , 177-188		
182	Physiological pathway of human cell damage induced by genotoxic crystalline silica nanoparticles. <i>Biomaterials</i> , 2012 , 33, 7540-6	15.6	14
181	Enhancement of low energy sunlight harvesting in dye-sensitized solar cells using plasmonic gold nanorods. <i>Energy and Environmental Science</i> , 2012 , 5, 9444	35.4	189
180	Plasmonic percolation: plasmon-manifested dielectric-to-metal transition. <i>ACS Nano</i> , 2012 , 6, 7162-71	16.7	76
179	Red phosphorus: An elemental photocatalyst for hydrogen formation from water. <i>Applied Catalysis B: Environmental</i> , 2012 , 111-112, 409-414	21.8	226
178	Heterostructured CIGS-Au nanoparticles: from Au-CIGS side-by-side structure to Au-core/CIGS-shell configuration. <i>Nanoscale</i> , 2011 , 3, 3238-43	7.7	7
177	Thickness tunable Cu ₂ ZnSnSe ₄ nanosheets. <i>CrystEngComm</i> , 2011 , 13, 6507	3.3	32
176	Morphosynthesis of a hierarchical MoO ₂ nanoarchitecture as a binder-free anode for lithium-ion batteries. <i>Energy and Environmental Science</i> , 2011 , 4, 2870	35.4	225
175	Template-directed synthesis of ordered single-crystalline nanowires arrays of Cu ₂ ZnSnS ₄ and Cu ₂ ZnSnSe ₄ . <i>Journal of the American Chemical Society</i> , 2011 , 133, 10328-31	16.4	139
174	Cellular uptake, evolution, and excretion of silica nanoparticles in human cells. <i>Nanoscale</i> , 2011 , 3, 3291-9.7		98
173	Origination of electron magnetic chiral dichroism in cobalt-doped ZnO dilute magnetic semiconductors. <i>Scripta Materialia</i> , 2011 , 65, 367-370	5.6	9
172	Simultaneous Electrical and Thermoelectric Parameter Retrieval via Two Terminal Current/Voltage Measurements on Individual ZnO Nanowires. <i>Advanced Functional Materials</i> , 2011 , 21, 3900-3906	15.6	16
171	Crystalline Te nanotube and Te nanorods-on-CdTe nanotube arrays on ITO via a ZnO nanorod templating-reaction. <i>CrystEngComm</i> , 2011 , 13, 2955	3.3	17
170	Synthesis and formation mechanism of helical single-crystalline CuInSe ₂ nanowires. <i>CrystEngComm</i> , 2011 , 13, 7262	3.3	2
169	Enhanced Field Emission Performance of Ga-Doped In ₂ O ₃ (ZnO) ₃ Superlattice Nanobelts. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 24564-24568	3.8	25
168	The influence of strain rate on the microstructure transition of 304 stainless steel. <i>Acta Materialia</i> , 2011 , 59, 3697-3709	8.4	197
167	The electron beam irradiation damage on nanomaterials synthesized by hydrothermal and thermal evaporation methods--an example of ZnS nanostructures. <i>Micron</i> , 2011 , 42, 290-8	2.3	16

166	Intrinsic room temperature ferromagnetism in Zn _{0.92} Co _{0.08} O thin films prepared by pulsed laser deposition. <i>Thin Solid Films</i> , 2011 , 519, 3312-3317	2.2	11
165	Effect of the starting surfaces of GaN on defect formation in epitaxial Co thin films. <i>Journal of Applied Physics</i> , 2011 , 110, 093501	2.5	2
164	Effects of an oxygen environment on the electrical properties of a single CdS nanobelt device. <i>Nanotechnology</i> , 2011 , 22, 135702	3.4	11
163	High-yield synthesis of In ₂ Ga _x O ₃ (ZnO) ₃ nanobelts with a planar superlattice structure. <i>CrystEngComm</i> , 2010 , 12, 2047	3.3	18
162	CdSe Nanotube Arrays on ITO via Aligned ZnO Nanorods Templating. <i>Chemistry of Materials</i> , 2010 , 22, 64-69	9.6	45
161	Suppression of Green Emission in ZnO Nanorods—A Discussion on Surface and Interior Structural Quality Manipulation. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 208-211	3.8	11
160	Fabrication of ordered single-crystalline CuInSe ₂ nanowire arrays. <i>CrystEngComm</i> , 2010 , 12, 3882	3.3	16
159	Surface plasmon resonance in interacting Si nanoparticle chains. <i>Nanoscale</i> , 2010 , 2, 681-4	7.7	6
158	Ordered arrays of shape tunable CuInS ₂ nanostructures, from nanotubes to nano test tubes and nanowires. <i>Nanoscale</i> , 2010 , 2, 2126-30	7.7	34
157	Controlled fabrication of SnO ₂ arrays of well-aligned nanotubes and nanowires. <i>Nanoscale</i> , 2010 , 2, 2104-8	7.7	73
156	A simple route to controllable growth of ZnO nanorod arrays on conducting substrates. <i>CrystEngComm</i> , 2010 , 12, 940-946	3.3	19
155	Formation and magnetic properties of a large-scale FePt nanoparticle monolayer on silicon substrate. <i>Physica Scripta</i> , 2010 , T139, 014071	2.6	1
154	Aligned ZnO/CdTe core-shell nanocable arrays on indium tin oxide: synthesis and photoelectrochemical properties. <i>ACS Nano</i> , 2010 , 4, 3302-8	16.7	264
153	CdTe nanorods formation via nanoparticle self-assembly by thermal chemistry method. <i>Journal of Crystal Growth</i> , 2010 , 312, 2310-2314	1.6	8
152	Deposition and characterization of large-scale FePt nanoparticle monolayers on SiO ₂ /Si surface. <i>Surface and Coatings Technology</i> , 2010 , 204, 1509-1513	4.4	8
151	Study on Composition Distribution and Ferromagnetism of Monodisperse FePt Nanoparticles. <i>Nanoscale Research Letters</i> , 2010 , 5, 489-93	5	5
150	Characterization of the interface between the Hf-based high-k thin film and the Si using spatially resolved electron energy-loss spectroscopy. <i>Micron</i> , 2010 , 41, 15-9	2.3	7
149	Energetics and electronic structure of aluminum point defects in HfO ₂ : A first-principles study. <i>Journal of Applied Physics</i> , 2009 , 106, 014104	2.5	19

148	From nanoparticle to nanocable: Impact of size and geometrical constraints on the optical modes of Si/SiO ₂ core/shell nanostructures. <i>Applied Physics Letters</i> , 2009 , 95, 133102	3-4	8
147	The dielectric response of the H ₂ Ti ₃ O ₇ nanotube investigated by valence electron energy loss spectroscopy. <i>Applied Physics Letters</i> , 2009 , 94, 011915	3-4	4
146	Effect of hydrogen annealing on L ₁₀ ordering transformation and magnetic properties of CoPt thin films on B ₄ C underlayer. <i>Journal Physics D: Applied Physics</i> , 2009 , 42, 115001	3	5
145	Interfacial structure of epitaxial SrTiO ₃ on Si: experiments and simulations. <i>Journal Physics D: Applied Physics</i> , 2009 , 42, 085409	3	11
144	Effect of annealing on the magnetic properties of solution synthesized Zn _{1-x} Mn _x O nanorods. <i>Materials Chemistry and Physics</i> , 2009 , 113, 884-888	4-4	21
143	Observation of a 2D Electron Gas and the Tuning of the Electrical Conductance of ZnO Nanowires by Controllable Surface Band-Bending. <i>Advanced Functional Materials</i> , 2009 , 19, 2380-2387	15-6	40
142	Thickness dependence of microstructure and magnetic properties in FePt/B ₄ C multilayer thin films. <i>Applied Physics A: Materials Science and Processing</i> , 2009 , 94, 981-985	2-6	
141	Evidence of intrinsic ferromagnetism in individual dilute magnetic semiconducting nanostructures. <i>Nature Nanotechnology</i> , 2009 , 4, 523-7	28-7	131
140	TEM study of self-assembled FeSi ₂ nanostructures by ion beam implantation. <i>Solid State Communications</i> , 2009 , 149, 97-100	1-6	12
139	Obtaining the effective electron mass from valence electron energy-loss spectroscopy. <i>Solid State Communications</i> , 2009 , 149, 1856-1859	1-6	8
138	CdTe Nanorod Arrays on ITO: From Microstructure to Photoelectrical Property. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 16951-16953	3-8	45
137	Monolayer Assembly and Fixation of FePt Nanoparticles: Microstructure and Magnetic Properties. <i>Chemistry of Materials</i> , 2009 , 21, 404-409	9-6	29
136	Optical and Electrical Properties of Ga-Doped ZnO Nanowire Arrays on Conducting Substrates. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 8945-8947	3-8	49
135	Shape-Selective Synthesis and Optical Properties of Highly Ordered One-Dimensional ZnS Nanostructures. <i>Crystal Growth and Design</i> , 2009 , 9, 2214-2219	3-5	48
134	Controlled Fabrication of ZnSe Arrays of Well-Aligned Nanorods, Nanowires, and Nanobelts with a Facile Template-Free Route. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 1795-1799	3-8	29
133	Intra-shell luminescence of transition-metal-implanted zinc oxide nanowires. <i>Nanotechnology</i> , 2009 , 20, 135704	3-4	41
132	Visible Light Response of Unintentionally Doped ZnO Nanowire Field Effect Transistors. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 16796-16801	3-8	31
131	Crystal Structure of In ₂ O ₃ (ZnO) _m Superlattice Wires and Their Photoluminescence Properties. <i>Crystal Growth and Design</i> , 2009 , 9, 364-367	3-5	36

130	Electron Energy Loss Spectroscopy Study on the Dielectric Response of Single H ₂ Ti ₃ O ₇ Nanotube. <i>Microscopy and Microanalysis</i> , 2009 , 15, 1218-1219	0.5	5
129	Preparation and characterization of Mn and (Mn, Cu) co-doped ZnO nanostructures. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 3308-12	1.3	9
128	Preparation and Growth Mechanism of ZnO Nanotubes Array. <i>Current Nanoscience</i> , 2009 , 5, 262-265	1.4	7
127	Unconventional ribbon-shaped beta-Ga ₂ O ₃ tubes with mobile Sn nanowire fillings. <i>ACS Nano</i> , 2008 , 2, 107-12	16.7	31
126	Microphotoluminescence study of individual suspended ZnO nanowires. <i>Applied Physics Letters</i> , 2008 , 92, 113112	3.4	22
125	Controlled Growth of Lead Oxide Nanosheets, Scrolled Nanotubes, and Nanorods. <i>Crystal Growth and Design</i> , 2008 , 8, 3521-3525	3.5	30
124	Influence of silicides formation on microstructure and magnetic properties of FePt thin films. <i>Journal Physics D: Applied Physics</i> , 2008 , 41, 235003	3	5
123	Quantitative Study on the Effect of Surface Treatments on the Electric Characteristics of ZnO Nanowires. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 14225-14228	3.8	10
122	Rare earth doped zinc oxide nanowires. <i>Journal of Nanoscience and Nanotechnology</i> , 2008 , 8, 244-51	1.3	33
121	Measuring the electrical characteristics of individual junctions in the SnO ₂ capped ZnO nanowire arrays on Zn substrate. <i>Applied Physics Letters</i> , 2008 , 92, 033102	3.4	7
120	Al-induced reduction of the oxygen diffusion in HfO ₂ : anab initiostudy. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 135206	1.8	6
119	Interface control and leakage current conduction mechanism in HfO ₂ film prepared by pulsed laser deposition. <i>Applied Physics Letters</i> , 2008 , 93, 202904	3.4	53
118	Effects of Y doping on the structural stability and defect properties of cubic HfO ₂ . <i>Journal of Applied Physics</i> , 2008 , 104, 074101	2.5	27
117	Effect of Al and Y incorporation on the structure of HfO ₂ . <i>Journal of Applied Physics</i> , 2008 , 104, 093529	2.5	6
116	Electronic structure of a potential optical crystal YBa ₃ B ₉ O ₁₈ : Experiment and theory. <i>Applied Physics Letters</i> , 2008 , 92, 171903	3.4	6
115	Structure and electrical properties of HfO ₂ high-k films prepared by pulsed laser deposition on Si (100). <i>Applied Physics A: Materials Science and Processing</i> , 2008 , 93, 681-684	2.6	28
114	Synthesis of ZnSe nanodonuts via a surfactant-assisted process. <i>Solid State Communications</i> , 2008 , 146, 384-386	1.6	7
113	Effect of interfacial diffusion on microstructure and properties of FePt/B ₄ C multifunctional multilayer composite films. <i>Applied Surface Science</i> , 2008 , 254, 2516-2520	6.7	4

112	Nanomaterial electronic structure investigation by valence electron energy loss spectroscopy - an example of doped ZnO nanowires. <i>Micron</i> , 2008 , 39, 703-8	2.3	4
111	Effect of finite interfacial diffusion on microstructure, magnetic properties and hardness of FePt/B4C multilayer thin films. <i>Journal Physics D: Applied Physics</i> , 2008 , 41, 155310	3	2
110	A Facile Surface-Etching Route to Thin Films of Metal Iodides. <i>Crystal Growth and Design</i> , 2007 , 7, 262-267	3.5	19
109	Study of the surface layer in cBN growth by PVD techniques. <i>Diamond and Related Materials</i> , 2007 , 16, 421-424	3.5	6
108	High resolution transmission electron microscopy and Raman scattering studies of room temperature ferromagnetic Ni-doped ZnO nanocrystals. <i>Applied Physics Letters</i> , 2007 , 90, 052505	3.4	69
107	Synthesis and Characterization of FeFe ₂ O ₃ CoreShell Nanowires and Nanonecklaces. <i>Crystal Growth and Design</i> , 2007 , 7, 459-464	3.5	131
106	Rapid Mass Production of Hierarchically Porous ZnIn ₂ S ₄ Submicrospheres via a Microwave-Solvothermal Process. <i>Crystal Growth and Design</i> , 2007 , 7, 2444-2448	3.5	110
105	From Layered Basic Zinc Acetate Nanobelts to Hierarchical Zinc Oxide Nanostructures and Porous Zinc Oxide Nanobelts. <i>Advanced Functional Materials</i> , 2007 , 17, 296-306	15.6	170
104	Fe ₂ O ₃ Nanorings Prepared by a Microwave-Assisted Hydrothermal Process and Their Sensing Properties. <i>Advanced Materials</i> , 2007 , 19, 2324-2329	24	563
103	Microstructure and mechanical properties of B4C films deposited by ion beam sputtering. <i>Thin Solid Films</i> , 2007 , 516, 336-339	2.2	31
102	Zinc/ZnO coreShell hexagonal nanodisk dendrites and their photoluminescence. <i>Acta Materialia</i> , 2007 , 55, 5039-5044	8.4	33
101	Post-annealing effect on the microstructure and photoluminescence properties of the ion beam synthesized FeSi ₂ precipitates in Si. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007 , 259, 871-874	1.2	3
100	Probing the electronic structure of ZnO nanowires by valence electron energy loss spectroscopy. <i>Micron</i> , 2007 , 38, 346-53	2.3	19
99	Microstructure evolution, magnetic and mechanical properties of FePt/B4C multifunctional multilayer composite films. <i>Journal Physics D: Applied Physics</i> , 2007 , 40, 6735-6739	3	9
98	Structure and magnetic properties of CoPtCu:Ag nanocomposite films with (001) texture. <i>Applied Physics A: Materials Science and Processing</i> , 2007 , 88, 775-779	2.6	6
97	Ultrafast terahertz conductivity of photoexcited nanocrystalline silicon. <i>Journal of Materials Science: Materials in Electronics</i> , 2007 , 18, 447-452	2.1	28
96	A Statistical Model of I _c Changes for Bending Bi-2223 Tapes. <i>Journal of Superconductivity and Novel Magnetism</i> , 2007 , 20, 315-320	1.5	1
95	Structures and light emission properties of nanocrystalline FeSi ₂ /Si formed by ion beam synthesis with a metal vapor vacuum arc ion source. <i>Thin Solid Films</i> , 2007 , 515, 8122-8128	2.2	5

94	Controllable size reduction of CdSe nanowires through the intermediate formation of Se-coated CdSe nanowires using acid and thermal treatment. <i>Nanotechnology</i> , 2007 , 18, 415607	3-4	9
93	Origin of Ferromagnetism in Co-Ion-Implanted Anatase TiO ₂ Thin Films. <i>Japanese Journal of Applied Physics</i> , 2007 , 46, 5767-5770	1-4	5
92	Microstructural and Optical Properties of Semiconducting MnSi _{1.7} Synthesized by Ion Implantation. <i>Japanese Journal of Applied Physics</i> , 2007 , 46, 5777-5779	1-4	8
91	Effect of Al addition on the microstructure and electronic structure of HfO ₂ film. <i>Journal of Applied Physics</i> , 2007 , 101, 013514	2-5	14
90	Single crystalline ZnS nanotubes and their structural degradation under electron beam irradiation. <i>Applied Physics Letters</i> , 2007 , 90, 211910	3-4	12
89	Optical and Electrical Performance of SnO ₂ Capped ZnO Nanowire Arrays. <i>Nano Letters</i> , 2007 , 7, 3559-3563	3-5	110
88	The microstructure of SiO thin films: from nanoclusters to nanocrystals. <i>Philosophical Magazine</i> , 2007 , 87, 11-27	1-6	44
87	Epitaxial growth of SrTiO ₃ thin film on Si by laser molecular beam epitaxy. <i>Applied Physics Letters</i> , 2007 , 90, 012902	3-4	22
86	Structure and magnetic properties of FePt ₃ B ₄ C multilayer thin films: Role of the compositional elements intermixing. <i>Applied Physics Letters</i> , 2007 , 91, 061920	3-4	16
85	Luminescence of Nd-enriched silicon nanoparticle glasses. <i>Optical Materials</i> , 2006 , 28, 820-824	3-3	12
84	Signature of Intrinsic High-Temperature Ferromagnetism in Cobalt-Doped Zinc Oxide Nanocrystals. <i>Advanced Materials</i> , 2006 , 18, 2476-2480	24	163
83	Photoluminescence in the silicon-oxygen system. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2006 , 24, 713-717	2-9	31
82	Effects of Al addition on the native defects in hafnia. <i>Applied Physics Letters</i> , 2006 , 88, 182903	3-4	19
81	Comparison of interfacial and electrical characteristics of HfO ₂ and HfAlO high-k dielectrics on compressively strained Si _{1-x} Ge _x . <i>Applied Physics Letters</i> , 2006 , 88, 182905	3-4	38
80	Structure and magnetic properties of Zn _{1-x} CoxO single-crystalline nanorods synthesized by a wet chemical method. <i>Nanotechnology</i> , 2006 , 17, 4312-4316	3-4	66
79	Synthesis of surface-functionalized t-Se microspheres via a green wet-chemical route. <i>Journal of Materials Chemistry</i> , 2006 , 16, 748-751		18
78	Imperfect oriented attachment: Direct activation of high-temperature ferromagnetism in diluted magnetic semiconductor nanocrystals. <i>Applied Physics Letters</i> , 2006 , 88, 223108	3-4	48
77	Local electronic structure and luminescence properties of Er doped ZnO nanowires. <i>Applied Physics Letters</i> , 2006 , 89, 221917	3-4	44

76	Microstructure and magnetic properties of FePt:C nanocomposite films with low ordering temperature. <i>EPJ Applied Physics</i> , 2006 , 34, 205-208	1.1	1
75	Photoluminescence from Er-doped silicon oxide microcavities. <i>Optical Materials</i> , 2006 , 28, 873-878	3.3	10
74	Microstructure and magnetic properties of FePt:Ag nanocomposite films on SiO ₂ /Si(100). <i>Journal of Magnetism and Magnetic Materials</i> , 2006 , 303, e270-e273	2.8	4
73	(001) textured CoPt-Ag nanocomposite films for high-density perpendicular magnetic recording. <i>Journal of Magnetism and Magnetic Materials</i> , 2006 , 306, 332-336	2.8	4
72	Interaction between rare-earth ions and amorphous silicon nanoclusters produced at low processing temperatures. <i>Journal of Luminescence</i> , 2006 , 121, 199-203	3.8	8
71	CoPt/Ag(Cu) nanocomposite films for ultra-high density perpendicular magnetic recording media. <i>Thin Solid Films</i> , 2006 , 505, 77-80	2.2	20
70	Transient terahertz conductivity in photoexcited silicon nanocrystal films. <i>Physical Review B</i> , 2006 , 73,	3.3	119
69	Synthesis and characterization of core-shell selenium/carbon colloids and hollow carbon capsules. <i>Chemistry - A European Journal</i> , 2005 , 12, 548-52	4.8	62
68	Effects of particle size and spacing on the optical properties of gold nanocrystals in alumina. <i>Journal of Applied Physics</i> , 2005 , 97, 114303	2.5	52
67	Growth and luminescence of ternary semiconductor ZnCdSe nanowires by metalorganic chemical vapor deposition. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 17913-6	3.4	31
66	Size-dependent electronic structures of ZnO nanowires. <i>Applied Physics Letters</i> , 2005 , 86, 201911	3.4	42
65	Microwave-assisted synthesis and in-situ self-assembly of coaxial Ag/C nanocables. <i>Chemical Communications</i> , 2005 , 2704-6	5.8	50
64	Structure control of CdS nanobelts and their luminescence properties. <i>Journal of Applied Physics</i> , 2005 , 97, 054303	2.5	31
63	Local electronic structures of ZnSeBi nanotapes and their luminescence properties. <i>Applied Physics Letters</i> , 2005 , 87, 211917	3.4	2
62	In situ synthesis and phase transformation of In ₂ O ₃ /Sb core-shell nanostructures. <i>Journal of Crystal Growth</i> , 2005 , 282, 383-388	1.6	7
61	The effect of ion implantation energy and dosage on the microstructure of the ion beam synthesized FeSi ₂ in Si. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2005 , 124-125, 444-448	3.1	6
60	Complexity of the microstructure evolution for optimization cBN growth in a four-step ion-assisted deposition process. <i>Thin Solid Films</i> , 2005 , 489, 63-67	2.2	2
59	ZnSeBi Bi-coaxial Nanowire Heterostructures. <i>Advanced Functional Materials</i> , 2005 , 15, 1471-1477	15.6	62

58	Routes to Grow Well-Aligned Arrays of ZnSe Nanowires and Nanorods. <i>Advanced Materials</i> , 2005 , 17, 1405-1410	24	50
57	Electroluminescence properties of Si MOS structures with incorporation of FeSi ₂ precipitates formed by iron implantation. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2005 , 124-125, 440-443	3.1	3
56	Photoelectric effect and transport properties of a single CdS nanoribbon. <i>Ultramicroscopy</i> , 2005 , 105, 275-280	3.1	16
55	A general in situ hydrothermal rolling-up formation of one-dimensional, single-crystalline lead telluride nanostructures. <i>Small</i> , 2005 , 1, 349-54	11	71
54	One-dimensional AuBi heterojunction-microstructure and phase evolution under electron beam irradiation. <i>Applied Physics Letters</i> , 2005 , 87, 261905	3.4	5
53	Photoluminescence of Ag-doped ZnSe nanowires synthesized by metalorganic chemical vapor deposition. <i>Applied Physics Letters</i> , 2005 , 86, 203114	3.4	28
52	Self-assembly of periodic ZnO/C multilayers on Zn nanowires. <i>Journal of Applied Physics</i> , 2005 , 98, 024301.5	1.5	3
51	Fabrication of nanopeas with ZnSe-filled SiO ₂ nanotube/nanowire configuration. <i>Nanotechnology</i> , 2005 , 16, 2100-3	3.4	7
50	Structure and Luminescence Properties of CdS Nanobelts. <i>Japanese Journal of Applied Physics</i> , 2004 , 43, 7798-7801	1.4	5
49	Excitons and surface luminescence of CdS nanoribbons. <i>Applied Physics Letters</i> , 2004 , 84, 795-797	3.4	42
48	Self-assembled periodical polycrystalline-ZnO/a-C nanolayers on Zn nanowire. <i>Physical Review Letters</i> , 2004 , 92, 186102	7.4	36
47	Luminescence of ZnSe nanowires grown by metalorganic vapor phase deposition under different pressures. <i>Journal of Applied Physics</i> , 2004 , 95, 5752-5755	2.5	63
46	Structural characterization and electron-energy-loss spectroscopic study of pulsed laser deposited LiNbO ₃ films on a-sapphire. <i>Journal of Applied Physics</i> , 2004 , 96, 6319-6322	2.5	3
45	A Quantitative Study on Temperature Dependent of Outgrowth in Bi-2223 Tapes. <i>Journal of Superconductivity and Novel Magnetism</i> , 2004 , 17, 481-485		2
44	A Statistical Analysis of Crystal Developments for Bi-Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , 2004 , 17, 525-530		6
43	Peanut-shaped nanoribbon bundle superstructures of malachite and copper oxide. <i>Journal of Crystal Growth</i> , 2004 , 266, 545-551	1.6	50
42	Size-Dependent Periodically Twinned ZnSe Nanowires. <i>Advanced Materials</i> , 2004 , 16, 1436-1440	24	184
41	Study of the crystallinity of ZnO in the Zn/ZnO nanocable heterostructures. <i>Journal of Materials Chemistry</i> , 2004 , 14, 1413		24

40	Structure and photoluminescence of ZnSe nanoribbons grown by metal organic chemical vapor deposition. <i>Applied Physics Letters</i> , 2004 , 84, 2641-2643	3.4	94
39	Removal of sp ² -boron nitride transition layer in the growth of cubic boron nitride films. <i>Diamond and Related Materials</i> , 2004 , 13, 1632-1637	3.5	7
38	A general solution-phase approach to oriented nanostructured films of metal chalcogenides on metal foils: the case of nickel sulfide. <i>Journal of the American Chemical Society</i> , 2004 , 126, 8116-7	16.4	101
37	Hydrothermal Synthesis of Rare Earth (Tb, Y) Hydroxide and Oxide Nanotubes. <i>Advanced Functional Materials</i> , 2003 , 13, 955-960	15.6	176
36	Formation and structure of a-C/nanodiamond composite films by prolonged bias enhanced nucleation. <i>Diamond and Related Materials</i> , 2003 , 12, 1640-1646	3.5	15
35	Ambient Light Reduction Strategy to Synthesize Silver Nanoparticles and Silver-Coated TiO ₂ with Enhanced Photocatalytic and Bactericidal Activities. <i>Langmuir</i> , 2003 , 19, 10372-10380	4	248
34	Sonochemical Preparation of Nanoporous Composites of Titanium Oxide and Size-Tunable Strontium Titanate Crystals. <i>Langmuir</i> , 2003 , 19, 7673-7675	4	53
33	One-step fabrication of uniform Si-core/CdSe-sheath nanocables. <i>Journal of the American Chemical Society</i> , 2003 , 125, 9892-3	16.4	78
32	Thermal Reduction Route to the Fabrication of Coaxial Zn/ZnO Nanocables and ZnO Nanotubes. <i>Chemistry of Materials</i> , 2003 , 15, 305-308	9.6	286
31	Cu nanostructures formed via redox reaction of Zn nanowire and Cu ²⁺ containing solutions. <i>Chemical Physics Letters</i> , 2003 , 375, 525-531	2.5	23
30	Microemulsion-mediated solvothermal synthesis of nanosized CdS-sensitized TiO ₂ crystalline photocatalyst. <i>Chemical Communications</i> , 2003 , 1552	5.8	111
29	Fabrication of wurtzite ZnS nanobelts via simple thermal evaporation. <i>Applied Physics Letters</i> , 2003 , 83, 359-361	3.4	165
28	A self-seeded, surfactant-directed hydrothermal growth of single crystalline lithium manganese oxide nanobelts from the commercial bulky particles. <i>Chemical Communications</i> , 2003 , 2910-1	5.8	45
27	Fabrication of Zn/ZnS nanocable heterostructures by thermal reduction/sulfidation. <i>Applied Physics Letters</i> , 2003 , 82, 1398-1400	3.4	58
26	Growth and luminescence of zinc-blende-structured ZnSe nanowires by metal-organic chemical vapor deposition. <i>Applied Physics Letters</i> , 2003 , 83, 5533-5535	3.4	97
25	Fabrication and Field Emission of High-Density Silicon Cone Arrays. <i>Advanced Materials</i> , 2002 , 14, 1308-1311	11	59
24	Synthesis and Nanostructuring of Patterned Wires of SiGeO ₂ by Thermal Oxidation. <i>Advanced Materials</i> , 2002 , 14, 1396-1399	24	37
23	Growth Behavior of Cubic Boron Nitride Films in a Two-Step Process: Changing Bias Voltage, Gas Composition, and Substrate Temperature. <i>Advanced Functional Materials</i> , 2002 , 12, 250	15.6	19

22	Flat epitaxial diamond/Ir(001) interface visualized by high resolution transmission electron microscopy. <i>Surface Science</i> , 2002 , 513, 525-529	1.8	11
21	Multi-tip cones induced by ion-bombardment. <i>Vacuum</i> , 2002 , 66, 71-76	3.7	8
20	Ion beam synthesis of amorphous carbon thin films containing metallic nanoclusters. <i>Surface and Coatings Technology</i> , 2002 , 158-159, 114-119	4.4	23
19	Microstructural characterization of Si cones fabricated by Ar ⁺ -sputtering Si/Mo targets. <i>Journal of Crystal Growth</i> , 2002 , 234, 654-659	1.6	11
18	Orientation effects in tBN/cBN interfaces: A transmission electron microscopic study. <i>Applied Physics Letters</i> , 2002 , 80, 46-48	3.4	12
17	Controlling the nucleation environment of cBN films and their related properties. <i>Physical Review B</i> , 2002 , 65,	3.3	28
16	Manipulation of the equilibrium between diamond growth and renucleation to form a nanodiamond/amorphous carbon composite. <i>Applied Physics Letters</i> , 2002 , 80, 3307-3309	3.4	43
15	Dispersion, refinement, and manipulation of single silicon nanowires. <i>Applied Physics Letters</i> , 2002 , 80, 1812-1814	3.4	5
14	Structures of AlN/VN Superlattices with Different AlN Layer Thicknesses. <i>Journal of Materials Research</i> , 2002 , 17, 1224-1231	2.5	33
13	DIAMOND GROWN ON STEEL VIA IN-SITU FORMED INTERLAYERS. <i>International Journal of Modern Physics B</i> , 2002 , 16, 881-886	1.1	3
12	Synthesis of Ga ₂ O ₃ Nanowires by Laser Ablation. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 9536-9539	3.4	92
11	Synthesis of Uniform Hexagonal Prismatic ZnO Whiskers. <i>Chemistry of Materials</i> , 2002 , 14, 1216-1219	9.6	260
10	Field-emission properties of multihead silicon cone arrays coated with cesium. <i>Applied Physics Letters</i> , 2002 , 80, 877-879	3.4	28
9	Reactivity of different tBN environments serving as reaction sites in cBN film deposition. <i>Diamond and Related Materials</i> , 2002 , 11, 1416-1421	3.5	10
8	Characterization and optical investigation of BCN film deposited by RF magnetron sputtering. <i>Thin Solid Films</i> , 2001 , 389, 194-199	2.2	56
7	Direct Growth of Amorphous Silicon Oxide Nanowires and Crystalline Silicon Nanowires from Silicon Wafer. <i>Physica Status Solidi A</i> , 2001 , 188, R1-R2		9
6	Nanostructure. Epitaxial diamond polytypes on silicon. <i>Nature</i> , 2001 , 412, 404	50.4	32
5	Ion beam deposition of fluorinated amorphous carbon. <i>Journal of Applied Physics</i> , 2001 , 90, 4237-4245	2.5	25

4	Critical thickness for transformation of epitaxially stabilized cubic AlN in superlattices. <i>Applied Physics Letters</i> , 2001 , 78, 892-894	3.4	84
3	Synthesis and characterization of cubic boron nitride films: substrate bias and ion flux effects. <i>Diamond and Related Materials</i> , 2001 , 10, 1886-1891	3.5	6
2	Low-temperature magnetron sputter-deposition, hardness, and electrical resistivity of amorphous and crystalline alumina thin films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2000 , 18, 2333	2.9	78
1	Praseodymium-Doped SiALON Red Phosphors Prepared by Polymer-Derived Method	3.51-3.58	