

Giovanni Bertoni

List of Publications by Year in descending order

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131
papers

7,808
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47006

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all docs

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docs citations

133
times ranked

12996
citing authors

#	ARTICLE	IF	CITATIONS
1	Unveiling the Cation Exchange Reaction between the NASICON $\text{Li}_{1.5}\text{Al}_{0.5}\text{Ge}_{1.5}(\text{PO}_4)_3$ Solid Electrolyte and the pyr13TFSI Ionic Liquid. <i>Journal of the American Chemical Society</i> , 2022, 144, 3442-3448.	13.7	15
2	3d Metal Doping of Core@Shell $\text{W}_{1/4}\text{stite}$ @ferrite Nanoparticles as a Promising Route toward Room Temperature Exchange Bias Magnets. <i>Small</i> , 2022, 18, e2107426.	10.0	11
3	Influence of Rutile and Anatase TiO_2 Precursors on the Synthesis of a $\text{Li}_{1.5}\text{Al}_{0.5}\text{Ti}_{1.5}(\text{PO}_4)_3$ Electrolyte for Solid-State Lithium Batteries. <i>Journal of the Electrochemical Society</i> , 2022, 169, 040515.	2.9	3
4	Asymmetric supercapacitors based on nickel decorated graphene and porous graphene electrodes. <i>Electrochimica Acta</i> , 2022, 424, 140626.	5.2	19
5	Effect of pressure on the properties of a NASICON $\text{Li}_{1.3}\text{Al}_{0.3}\text{Ti}_{1.7}(\text{PO}_4)_3$ nanofiber solid electrolyte. <i>Journal of Materials Chemistry A</i> , 2021, 9, 13688-13696.	10.3	15
6	In situ decoration of laser-scribed graphene with TiO_2 nanoparticles for scalable high-performance micro-supercapacitors. <i>Carbon</i> , 2021, 176, 296-306.	10.3	37
7	Enabling High-Performance NASICON-Based Solid-State Lithium Metal Batteries Towards Practical Conditions. <i>Advanced Functional Materials</i> , 2021, 31, 2102765.	14.9	32
8	Ag/MgO Nanoparticles via Gas Aggregation Nanocluster Source for Perovskite Solar Cell Engineering. <i>Materials</i> , 2021, 14, 5507.	2.9	4
9	Synthesis of Electrospun NASICON $\text{Li}_{1.5}\text{Al}_{0.5}\text{Ge}_{1.5}(\text{PO}_4)_3$ Solid Electrolyte Nanofibers by Control of Germanium Hydrolysis. <i>Journal of the Electrochemical Society</i> , 2021, 168, 110512.	2.9	6
10	Platinum carbonyl clusters decomposition on defective graphene surface. <i>Surface Science</i> , 2020, 691, 121499.	1.9	8
11	Bandgap determination from individual orthorhombic thin cesium lead bromide nanosheets by electron energy-loss spectroscopy. <i>Nanoscale Horizons</i> , 2020, 5, 1610-1617.	8.0	8
12	Water-Mediated ElectroHydrogenation of CO_2 at Near-Equilibrium Potential by Carbon Nanotubes/Cerium Dioxide Nano hybrids. <i>ACS Applied Energy Materials</i> , 2020, 3, 8509-8518.	5.1	23
13	Toward an All-Ceramic Cathode-Electrolyte Interface with Low-Temperature Pressed NASICON $\text{Li}_{1.5}\text{Al}_{0.5}\text{Ge}_{1.5}(\text{PO}_4)_3$ Electrolyte. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000164.	3.7	17
14	Unraveling the mechanism of the one-pot synthesis of exchange coupled Co-based nano-heterostructures with a high energy product. <i>Nanoscale</i> , 2020, 12, 14076-14086.	5.6	6
15	Modulation of the magnetic properties of gold-spinel ferrite heterostructured nanocrystals. <i>Nano Research</i> , 2020, 13, 785-794.	10.4	16
16	Optical and electronic properties of silver nanoparticles embedded in cerium oxide. <i>Journal of Chemical Physics</i> , 2020, 152, 114704.	3.0	12
17	Discovering the Influence of Lithium Loss on Garnet $\text{Li}_7\text{La}_3\text{Zr}_2\text{O}_{12}$ Electrolyte Phase Stability. <i>ACS Applied Energy Materials</i> , 2020, 3, 3415-3424.	5.1	49
18	Martensite-enabled magnetic flexibility: The effects of post-growth treatments in magnetic-shape-memory Heusler thin films. <i>Acta Materialia</i> , 2020, 187, 135-145.	7.9	18

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19	Nickel addition to optimize the hydrogen storage performance of lithium intercalated fullerenes. <i>Materials Research Bulletin</i> , 2020, 126, 110848.	5.2	3
20	Direct Quantification of Cu Vacancies and Spatial Localization of Surface Plasmon Resonances in Copper Phosphide Nanocrystals. , 2019, 1, 665-670.		13
21	Super-activated biochar from poultry litter for high-performance supercapacitors. <i>Microporous and Mesoporous Materials</i> , 2019, 285, 161-169.	4.4	58
22	Highly efficient plasmon-mediated electron injection into cerium oxide from embedded silver nanoparticles. <i>Nanoscale</i> , 2019, 11, 10282-10291.	5.6	27
23	Electrospinning of Polystyrene/Polyhydroxybutyrate Nanofibers Doped with Porphyrin and Graphene for Chemiresistor Gas Sensors. <i>Nanomaterials</i> , 2019, 9, 280.	4.1	49
24	Role of Zn ²⁺ Substitution on the Magnetic, Hyperthermic, and Relaxometric Properties of Cobalt Ferrite Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2019, 123, 6148-6157.	3.1	65
25	The Role of Metal Disulfide Interlayer in Li ⁺ S Batteries. <i>Journal of Physical Chemistry C</i> , 2018, 122, 1014-1023.	3.1	40
26	Colloidal CsX (X = Cl, Br, I) Nanocrystals and Their Transformation to CsPbX ₃ Nanocrystals by Cation Exchange. <i>Chemistry of Materials</i> , 2018, 30, 79-83.	6.7	67
27	Magnetic Shape Memory Turns to Nano: Microstructure Controlled Actuation of Free-standing Nanodisks. <i>Small</i> , 2018, 14, e1803027.	10.0	19
28	<i>Ab Initio</i> Structure Determination of Cu ₂ X ₂ Te Plasmonic Nanocrystals by Precession-Assisted Electron Diffraction Tomography and HAADF-STEM Imaging. <i>Inorganic Chemistry</i> , 2018, 57, 10241-10248.	4.0	25
29	Tuning and Locking the Localized Surface Plasmon Resonances of CuS (Covellite) Nanocrystals by an Amorphous CuPd _x S Shell. <i>Chemistry of Materials</i> , 2017, 29, 1716-1723.	6.7	50
30	Colloidal Monolayer In_2Se_3 Nanosheets with High Photoresponsivity. <i>Journal of the American Chemical Society</i> , 2017, 139, 3005-3011.	13.7	105
31	Topotaxial Phase Transformation in Cobalt Doped Iron Oxide Core/Shell Hard Magnetic Nanoparticles. <i>Chemistry of Materials</i> , 2017, 29, 1279-1289.	6.7	29
32	<i>In Situ</i> Transmission Electron Microscopy Study of Electron Beam-Induced Transformations in Colloidal Cesium Lead Halide Perovskite Nanocrystals. <i>ACS Nano</i> , 2017, 11, 2124-2132.	14.6	246
33	Light-assisted delithiation of lithium iron phosphate nanocrystals towards photo-rechargeable lithium ion batteries. <i>Nature Communications</i> , 2017, 8, 14643.	12.8	179
34	Interplay of Internal Structure and Interfaces on the Emitting Properties of Hybrid ZnO Hierarchical Particles. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15182-15191.	8.0	5
35	Selective Fe Promotion on Au Nanoparticles: An Efficient Way to Activate Au/SiO ₂ Catalysts for the CO Oxidation Reaction. <i>ChemCatChem</i> , 2017, 9, 2952-2960.	3.7	7
36	Antiferromagnetic transition in graphene functionalized with nitroaniline. <i>Journal of Nanophotonics</i> , 2017, 11, 032512.	1.0	1

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37	MnO _x -decorated carbonized porous silicon nanowire electrodes for high performance supercapacitors. <i>Energy and Environmental Science</i> , 2017, 10, 1505-1516.	30.8	109
38	Role of the Crystal Structure in Cation Exchange Reactions Involving Colloidal Cu ₂ Se Nanocrystals. <i>Journal of the American Chemical Society</i> , 2017, 139, 9583-9590.	13.7	83
39	Strongly emissive perovskite nanocrystal inks for high-voltage solar cells. <i>Nature Energy</i> , 2017, 2, .	39.5	544
40	Contraction, cation oxidation state and size effects in cerium oxide nanoparticles. <i>Nanotechnology</i> , 2017, 28, 495702.	2.6	12
41	Low-Temperature Electron Beam-Induced Transformations of Cesium Lead Halide Perovskite Nanocrystals. <i>ACS Omega</i> , 2017, 2, 5660-5665.	3.5	60
42	A review on hexacyanoferrate-based materials for energy storage and smart windows: challenges and perspectives. <i>Journal of Materials Chemistry A</i> , 2017, 5, 18919-18932.	10.3	235
43	Effect of Ni-nanoparticles decoration on graphene to enable high capacity sodium-ion battery negative electrodes. <i>Electrochimica Acta</i> , 2017, 250, 212-218.	5.2	9
44	Investigation of Ni@CoO core-shell nanoparticle films synthesized by sequential layer deposition. <i>Applied Surface Science</i> , 2017, 396, 1860-1865.	6.1	4
45	Steering the magnetic properties of Ni/NiO/CoO core-shell nanoparticle films: The role of core-shell interface versus interparticle interactions. <i>Physical Review Materials</i> , 2017, 1, .	2.4	6
46	Energy Product Enhancement in Imperfectly Exchange-Coupled Nanocomposite Magnets. <i>Advanced Electronic Materials</i> , 2016, 2, 1500365.	5.1	47
47	Co-axial heterostructures integrating palladium/titanium dioxide with carbon nanotubes for efficient electrocatalytic hydrogen evolution. <i>Nature Communications</i> , 2016, 7, 13549.	12.8	98
48	Strongly Exchange Coupled Core Shell Nanoparticles with High Magnetic Anisotropy: A Strategy toward Rare-Earth-Free Permanent Magnets. <i>Chemistry of Materials</i> , 2016, 28, 4214-4222.	6.7	98
49	Influence of the Ion Coordination Number on Cation Exchange Reactions with Copper Telluride Nanocrystals. <i>Journal of the American Chemical Society</i> , 2016, 138, 7082-7090.	13.7	67
50	Facile transformation of FeO/Fe ₃ O ₄ core-shell nanocubes to Fe ₃ O ₄ via magnetic stimulation. <i>Scientific Reports</i> , 2016, 6, 33295.	3.3	37
51	Influence of defect distribution on the reducibility of CeO ₂ nanoparticles. <i>Nanotechnology</i> , 2016, 27, 425705.	2.6	16
52	Nanoscale mapping of plasmon and exciton in ZnO tetrapods coupled with Au nanoparticles. <i>Scientific Reports</i> , 2016, 6, 19168.	3.3	27
53	Colloidal CuFeS ₂ Nanocrystals: Intermediate Fe d-Band Leads to High Photothermal Conversion Efficiency. <i>Chemistry of Materials</i> , 2016, 28, 4848-4858.	6.7	126
54	Relevance of LiPF ₆ as Etching Agent of LiMnPO ₄ Colloidal Nanocrystals for High Rate Performing Li-ion Battery Cathodes. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 4069-4075.	8.0	20

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55	Accelerated Removal of Fe-Antisite Defects while Nanosizing Hydrothermal LiFePO ₄ with Ca ²⁺ . Nano Letters, 2016, 16, 2692-2697.	9.1	52
56	Solution Synthesis Approach to Colloidal Cesium Lead Halide Perovskite Nanoplatelets with Monolayer-Level Thickness Control. Journal of the American Chemical Society, 2016, 138, 1010-1016.	13.7	747
57	Disentangling the Role of Shape, Ligands, and Dielectric Constants in the Absorption Properties of Colloidal CdSe/CdS Nanocrystals. ACS Photonics, 2016, 3, 58-67.	6.6	34
58	Magnetism of aniline modified graphene-based materials. Journal of Magnetism and Magnetic Materials, 2016, 415, 45-50.	2.3	4
59	Morphology, structural properties and reducibility of size-selected CeO ₂ nanoparticles on TiO ₂ nanoparticle films. Beilstein Journal of Nanotechnology, 2015, 6, 60-67.	2.8	13
60	Atomic Scale Structure and Reduction of Cerium Oxide at the Interface with Platinum. Advanced Materials Interfaces, 2015, 2, 1500375.	3.7	25
61	Cu ₃ P Nanocrystals as a Material Platform for Near-Infrared Plasmonics and Cation Exchange Reactions. Chemistry of Materials, 2015, 27, 1120-1128.	6.7	137
62	Cation exchange mediated elimination of the Fe-antisites in the hydrothermal synthesis of LiFePO ₄ . Nano Energy, 2015, 16, 256-267.	16.0	54
63	Pyramid-Shaped Wurtzite CdSe Nanocrystals with Inverted Polarity. ACS Nano, 2015, 9, 8537-8546.	14.6	25
64	Synthesis of Highly Fluorescent Copper Clusters Using Living Polymer Chains as Combined Reducing Agents and Ligands. ACS Nano, 2015, 9, 11886-11897.	14.6	53
65	Nanoscale Transformations in Covellite (CuS) Nanocrystals in the Presence of Divalent Metal Cations in a Mild Reducing Environment. Chemistry of Materials, 2015, 27, 7531-7537.	6.7	89
66	Origin of the visible emission of black silicon microstructures. Applied Physics Letters, 2015, 107, .	3.3	7
67	Laser-induced disaggregation of TiO ₂ nanofillers for uniform nanocomposites. Nanotechnology, 2014, 25, 125702.	2.6	3
68	Solid solutions and phase transitions in (Ca,M ²⁺)M ²⁺ Si ₂ O ₆ pyroxenes (M ²⁺ = Co, Fe, Mg). American Mineralogist, 2014, 99, 704-711.	1.9	23
69	Hollow and Concave Nanoparticles via Preferential Oxidation of the Core in Colloidal Core/Shell Nanocrystals. Journal of the American Chemical Society, 2014, 136, 9061-9069.	13.7	32
70	Addition of transition metals to lithium intercalated fullerenes enhances hydrogen storage properties. International Journal of Hydrogen Energy, 2014, 39, 2124-2131.	7.1	25
71	Etched Colloidal LiFePO ₄ Nanoplatelets toward High-Rate Capable Li-Ion Battery Electrodes. Nano Letters, 2014, 14, 6828-6835.	9.1	53
72	Redox Centers Evolution in Phospho-Olivine Type (LiFe _{0.5} Mn _{0.5})Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td	9.1	56

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73	Decoration of graphene with nickel nanoparticles: study of the interaction with hydrogen. <i>Journal of Materials Chemistry A</i> , 2014, 2, 1039-1046.	10.3	67
74	New Approach for the Step by Step Control of Magnetic Nanostructure Functionalization. <i>Inorganic Chemistry</i> , 2014, 53, 9166-9173.	4.0	7
75	High Temperature Stability of Onion-Like Carbon vs Highly Oriented Pyrolytic Graphite. <i>PLoS ONE</i> , 2014, 9, e105788.	2.5	7
76	Synthesis of Uniform Disk-Shaped Copper Telluride Nanocrystals and Cation Exchange to Cadmium Telluride Quantum Disks with Stable Red Emission. <i>Journal of the American Chemical Society</i> , 2013, 135, 12270-12278.	13.7	138
77	CuIn _x Ga _{1-x} S ₂ Nanocrystals with Tunable Composition and Band Gap Synthesized via a Phosphine-Free and Scalable Procedure. <i>Chemistry of Materials</i> , 2013, 25, 3180-3187.	6.7	65
78	Electrical response from nanocomposite PDMS/Ag NPs generated by <i>in situ</i> laser ablation in solution. <i>Nanotechnology</i> , 2013, 24, 035707.	2.6	16
79	Boron nitride nanotubes and primary human osteoblasts: <i>in vitro</i> compatibility and biological interactions under low frequency ultrasound stimulation. <i>Nanotechnology</i> , 2013, 24, 465102.	2.6	40
80	Formation and magnetic manipulation of periodically aligned microchains in thin plastic membranes. <i>Journal of Applied Physics</i> , 2012, 112, 083927.	2.5	22
81	Restructured endoplasmic reticulum generated by mutant amyotrophic lateral sclerosis-linked VAPB is cleared by the proteasome. <i>Journal of Cell Science</i> , 2012, 125, 3601-3611.	2.0	41
82	Direct Imaging of DNA Fibers: The Visage of Double Helix. <i>Nano Letters</i> , 2012, 12, 6453-6458.	9.1	73
83	Superparamagnetic cellulose fiber networks via nanocomposite functionalization. <i>Journal of Materials Chemistry</i> , 2012, 22, 1662-1666.	6.7	39
84	Blue-UV-Emitting ZnSe(Dot)/ZnS(Rod) Core/Shell Nanocrystals Prepared from CdSe/CdS Nanocrystals by Sequential Cation Exchange. <i>ACS Nano</i> , 2012, 6, 1637-1647.	14.6	138
85	Direct Determination of Polarity, Faceting, and Core Location in Colloidal Core/Shell Wurtzite Semiconductor Nanocrystals. <i>ACS Nano</i> , 2012, 6, 6453-6461.	14.6	61
86	Assembly of shape-controlled nanocrystals by depletion attraction. <i>Chemical Communications</i> , 2011, 47, 203-205.	4.1	64
87	Birth and Growth of Octapod-Shaped Colloidal Nanocrystals Studied by Electron Tomography. <i>Journal of Physical Chemistry C</i> , 2011, 115, 20128-20133.	3.1	18
88	A Cast-Mold Approach to Iron Oxide and Pt/Iron Oxide Nanocontainers and Nanoparticles with a Reactive Concave Surface. <i>Journal of the American Chemical Society</i> , 2011, 133, 2205-2217.	13.7	71
89	Water-Repellent Cellulose Fiber Networks with Multifunctional Properties. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 4024-4031.	8.0	103
90	Nanochains Formation of Superparamagnetic Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2011, 115, 7249-7254.	3.1	29

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91	Three-Dimensional Morphology of Iron Oxide Nanoparticles with Reactive Concave Surfaces. A Compressed Sensing-Electron Tomography (CS-ET) Approach. <i>Nano Letters</i> , 2011, 11, 4666-4673.	9.1	148
92	Hierarchical self-assembly of suspended branched colloidal nanocrystals into superlattice structures. <i>Nature Materials</i> , 2011, 10, 872-876.	27.5	415
93	In Vivo toxicity assessment of gold nanoparticles in <i>Drosophila melanogaster</i> . <i>Nano Research</i> , 2011, 4, 405-413.	10.4	83
94	Fitting the momentum dependent loss function in EELS. <i>Microscopy Research and Technique</i> , 2011, 74, 212-218.	2.2	6
95	A holographic biprism as a perfect energy filter?. <i>Ultramicroscopy</i> , 2011, 111, 887-893.	1.9	17
96	â€œMagnetic Force Microscopy and Energy Loss Imaging of Superparamagnetic Iron Oxide Nanoparticlesâ€• <i>Scientific Reports</i> , 2011, 1, 202.	3.3	31
97	Electron microscopy studies of electronâ€•beam sensitive PbTeâ€•based nanostructures. <i>Microscopy Research and Technique</i> , 2010, 73, 944-951.	2.2	2
98	Formation and microscopic investigation of iron oxide aligned nanowires into polymeric nanocomposite films. <i>Microscopy Research and Technique</i> , 2010, 73, 952-958.	2.2	11
99	Tuning of the characteristics of Au nanoparticles produced by solid target laser ablation into water by changing the irradiation parameters. <i>Microscopy Research and Technique</i> , 2010, 73, 937-943.	2.2	16
100	Enhancement of Neurite Outgrowth in Neuronal-Like Cells following Boron Nitride Nanotube-Mediated Stimulation. <i>ACS Nano</i> , 2010, 4, 6267-6277.	14.6	208
101	Octapod-Shaped Colloidal Nanocrystals of Cadmium Chalcogenides via â€œOne-Potâ€•Cation Exchange and Seeded Growth. <i>Nano Letters</i> , 2010, 10, 3770-3776.	9.1	171
102	Dynamical Formation of Spatially Localized Arrays of Aligned Nanowires in Plastic Films with Magnetic Anisotropy. <i>ACS Nano</i> , 2010, 4, 1873-1878.	14.6	87
103	Phosphine-Free Synthesis of p-Type Copper(I) Selenide Nanocrystals in Hot Coordinating Solvents. <i>Journal of the American Chemical Society</i> , 2010, 132, 8912-8914.	13.7	232
104	Colloidal PbTeâ€•Aunanocrystal heterostructures. <i>Journal of Materials Chemistry</i> , 2010, 20, 1357-1366.	6.7	46
105	Magnetoresistive phenomena in an Fe-filled carbon nanotube/elastomer composite. <i>Nanotechnology</i> , 2010, 21, 125505.	2.6	20
106	Endâ€•toâ€•End Assembly of Shapeâ€•Controlled Nanocrystals via a Nanowelding Approach Mediated by Gold Domains. <i>Advanced Materials</i> , 2009, 21, 550-554.	21.0	114
107	Deconvolution of core electron energy loss spectra. <i>Ultramicroscopy</i> , 2009, 109, 1343-1352.	1.9	14
108	Fluorescent Asymmetrically Cobalt-Tipped CdSe@CdS Core@Shell Nanorod Heterostructures Exhibiting Room-Temperature Ferromagnetic Behavior. <i>Journal of the American Chemical Society</i> , 2009, 131, 12817-12828.	13.7	119

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109	Model-based quantification of EELS: is standardless quantification possible?. Mikrochimica Acta, 2008, 161, 439-443.	5.0	3
110	Structural characterization of Er-doped Li ₂ O-Al ₂ O ₃ -SiO ₂ glass ceramics. Optical Materials, 2008, 30, 1183-1188.	3.6	13
111	Model-based quantification of EELS spectra: Treating the effect of correlated noise. Ultramicroscopy, 2008, 108, 74-83.	1.9	22
112	The Fresnel effect of a defocused biprism on the fringes in inelastic holography. Ultramicroscopy, 2008, 108, 263-269.	1.9	21
113	Accuracy and precision in model based EELS quantification. Ultramicroscopy, 2008, 108, 782-790.	1.9	49
114	Electrical switching in Fe-Cr-Mg-Fe magnetic tunnel junctions. Applied Physics Letters, 2008, 92, 212115.	3.3	33
115	Nanoscale analysis of interfaces in a metal/oxide/oxide trilayer obtained by pulsed laser deposition. Applied Physics Letters, 2007, 91, 023106.	3.3	18
116	Electronic surface reconstruction and correlation in the fcc and dimer phases of RbC ₆₀ . Physical Review B, 2007, 75, .	3.2	6
117	Structural Characterization of Erbium doped LAS Glass Ceramic Obtained by Glass Melting Technique. Materials Science Forum, 2007, 555, 377-381.	0.3	0
118	Hybrid Diamond-Graphite Nanowires Produced by Microwave Plasma Chemical Vapor Deposition. Advanced Materials, 2007, 19, 4058-4062.	21.0	107
119	Formation of carbon nitride nanospheres by ion implantation. Materials Chemistry and Physics, 2007, 103, 290-294.	4.0	4
120	Quantification of crystalline and amorphous content in porous samples from electron energy loss spectroscopy. Ultramicroscopy, 2006, 106, 630-635.	1.9	86
121	Model-based quantification of EELS spectra: Including the fine structure. Ultramicroscopy, 2006, 106, 976-980.	1.9	40
122	First-principles calculation of the electronic structure and energy loss near edge spectra of chiral carbon nanotubes. Micron, 2006, 37, 486-491.	2.2	14
123	Structure and spectroscopic properties of C-Ni and CN-Ni nanocomposite films. Journal of Applied Physics, 2005, 98, 034313.	2.5	15
124	First-principles calculation of the electronic structure and EELS spectra at the graphene/Ni(111) interface. Physical Review B, 2005, 71, .	3.2	214
125	Growth of multi-wall and single-wall carbon nanotubes with in situ high vacuum catalyst deposition. Carbon, 2004, 42, 440-443.	10.3	15
126	Temperature-dependent interaction of C ₆₀ with Ge(1 1 1)-c(2 Å × 8). Applied Surface Science, 2003, 212-213, 52-56.	6.1	10

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127	Ag island nucleation on Ge(1 1 1)-c(2 Å— 8). Applied Surface Science, 2003, 212-213, 213-218.	6.1	10
128	Adsorption sites at Cs nanowires grown on the InAs(110) surface. Surface Science, 2001, 477, 35-42.	1.9	12
129	Single-particle and collective excitations of a two-dimensional electron gas at the Cs/InAs(110) surface. Physical Review B, 2001, 64, .	3.2	5
130	Density of states of a two-dimensional electron gas at semiconductor surfaces. Physical Review B, 2001, 63, .	3.2	45
131	Metal-induced gap states at InAs(110) surface. Surface Science, 2000, 454-456, 539-542.	1.9	10