

# Bongsoo Kim

## List of Publications by Year in descending order

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137  
papers

3,897  
citations

117625

34  
h-index

138484

58  
g-index

138  
all docs

138  
docs citations

138  
times ranked

6501  
citing authors

#	ARTICLE	IF	CITATIONS
1	Patterned Multiplex Pathogen DNA Detection by Au Particle-on-Wire SERS Sensor. Nano Letters, 2010, 10, 1189-1193.	9.1	351
2	Single Nanowire on a Film as an Efficient SERS-Active Platform. Journal of the American Chemical Society, 2009, 131, 758-762.	13.7	210
3	Covalent Functionalization of Epitaxial Graphene by Azidotrimethylsilane. Journal of Physical Chemistry C, 2009, 113, 9433-9435.	3.1	146
4	Production of Smooth and Pure Nickel Metal Nanofibers by the Electrospinning Technique: Nanofibers Possess Splendid Magnetic Properties. Journal of Physical Chemistry C, 2009, 113, 531-536.	3.1	141
5	Reversible cyclic deformation mechanism of gold nanowires by twinningâ€“detwinning transition evidenced from in situ TEM. Nature Communications, 2014, 5, 3033.	12.8	137
6	Cobalt nanofibers encapsulated in a graphite shell by an electrospinning process. Journal of Materials Chemistry, 2009, 19, 7371.	6.7	120
7	Electronic Structure of Vertically Aligned Mn-Doped CoFe <sub>2</sub> O <sub>4</sub> Nanowires and Their Application as Humidity Sensors and Photodetectors. Journal of Physical Chemistry C, 2009, 113, 7085-7090.	3.1	102
8	Self-Assembly of Semiconducting Photoluminescent Peptide Nanowires in the Vapor Phase. Angewandte Chemie - International Edition, 2011, 50, 1164-1167.	13.8	94
9	Steering Epitaxial Alignment of Au, Pd, and AuPd Nanowire Arrays by Atom Flux Change. Nano Letters, 2010, 10, 432-438.	9.1	93
10	Nanogap-Rich Au Nanowire SERS Sensor for Ultrasensitive Telomerase Activity Detection: Application to Gastric and Breast Cancer Tissues Diagnosis. Advanced Functional Materials, 2017, 27, 1701832.	14.9	86
11	Electrically driven nanobeam laser. Nature Communications, 2013, 4, .	12.8	83
12	Au Nanowire-on-Film SERS Sensor for Ultrasensitive Hg <sup>2+</sup> Detection. Chemistry - A European Journal, 2011, 17, 2211-2214.	3.3	80
13	Single Crystalline $\text{Ag}_2\text{Te}$ Nanowire as a New Topological Insulator. Nano Letters, 2012, 12, 4194-4199.	9.1	75
14	Alanyl Side Chain Folding in Phenylalanine: Conformational Assignments through Ultraviolet Rotational Band Contour Analysis. Journal of Physical Chemistry A, 2004, 108, 69-73.	2.5	71
15	Cathodoluminescence Modulation of ZnS Nanostructures by Morphology, Doping, and Temperature. Advanced Functional Materials, 2013, 23, 3701-3709.	14.9	69
16	Single-step multiplex detection of toxic metal ions by Au nanowires-on-chip sensor using reporter elimination. Lab on A Chip, 2012, 12, 3077.	6.0	62
17	Characteristics of electrically driven two-dimensional photonic crystal lasers. IEEE Journal of Quantum Electronics, 2005, 41, 1131-1141.	1.9	61
18	Subcellular Neural Probes from Single-Crystal Gold Nanowires. ACS Nano, 2014, 8, 8182-8189.	14.6	61

#	ARTICLE	IF	CITATIONS
19	Polymorphically Tuned Synthesis of $\text{In}_2\text{S}_3$ and $\text{In}_2\text{O}_3$ Nanowires and Determination of Their Growth Direction from Polarized Raman Single Nanowire Microscopy. <i>Chemistry - A European Journal</i> , 2011, 17, 1304-1309.	3.3	60
20	Creating Well-Defined Hot Spots for Surface-Enhanced Raman Scattering by Single-Crystalline Noble Metal Nanowire Pairs. <i>Journal of Physical Chemistry C</i> , 2009, 113, 7492-7496.	3.1	54
21	Intracellular Gold Nanoparticles Increase Neuronal Excitability and Aggravate Seizure Activity in the Mouse Brain. <i>PLoS ONE</i> , 2014, 9, e91360.	2.5	54
22	Epitaxially Aligned Cuprous Oxide Nanowires for All-Oxide, Single-Wire Solar Cells. <i>Nano Letters</i> , 2014, 14, 4665-4670.	9.1	52
23	Effects of Substituting Group on the Hydrogen Bonding in Phenol $\cdots$ H <sub>2</sub> O Complexes: An Ab Initio Study. <i>Journal of Physical Chemistry A</i> , 2003, 107, 131-139.	2.5	47
24	Combining a Nanowire SERRS Sensor and a Target Recycling Reaction for Ultrasensitive and Multiplex Identification of Pathogenic Fungi. <i>Small</i> , 2011, 7, 3371-3376.	10.0	45
25	Microstructured Air Cavities as High-Index Contrast Substrates with Strong Diffraction for Light-Emitting Diodes. <i>Nano Letters</i> , 2016, 16, 3301-3308.	9.1	42
26	Melting behaviors of icosahedral metal clusters studied by Monte Carlo simulations. <i>Journal of Computational Chemistry</i> , 2000, 21, 380-387.	3.3	40
27	Structures and isomerization of neutral and zwitterion serine-water clusters: Computational study. <i>International Journal of Quantum Chemistry</i> , 2005, 101, 55-66.	2.0	40
28	Vertical Epitaxial $\text{Co}_5\text{Ge}_7$ Nanowire and Nanobelt Arrays on a Thin Graphitic Layer for Flexible Field Emission Displays. <i>Advanced Materials</i> , 2009, 21, 4979-4982.	21.0	39
29	Modal Characteristics in a Single-Nanowire Cavity with a Triangular Cross Section. <i>Nano Letters</i> , 2008, 8, 4534-4538.	9.1	38
30	Mussel-inspired surface functionalization of porous carbon nanosheets using polydopamine and $\text{Fe}^{3+}$ /tannic acid layers for high-performance electrochemical capacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 25368-25377.	10.3	37
31	Room Temperature Ferromagnetism in Single-Crystalline $\text{Fe}_5\text{Si}_3$ Nanowires. <i>Journal of Physical Chemistry C</i> , 2009, 113, 6902-6905.	3.1	36
32	Synthesis and photoluminescence of zinc sulfide nanowires by simple thermal chemical vapor deposition. <i>Materials Research Bulletin</i> , 2006, 41, 2013-2017.	5.2	35
33	Ferromagnetic $\text{Ge}_{1-x}\text{M}_x$ (M = Mn, Fe, and Co) Nanowires. <i>Chemistry of Materials</i> , 2008, 20, 4694-4702.	6.7	34
34	Rainbow Radiating Single-Crystal Ag Nanowire Nanoantenna. <i>Nano Letters</i> , 2012, 12, 2331-2336.	9.1	34
35	Precisely Determining Ultralow level $\text{UO}_2^{2+}$ in Natural Water with Plasmonic Nanowire Interstice Sensor. <i>Scientific Reports</i> , 2016, 6, 19646.	3.3	34
36	Atomically Flat Au Nanoplate Platforms Enable Ultraspecific Attomolar Detection of Protein Biomarkers. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 18960-18967.	8.0	34

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37	Synthesis, Properties, and Biological Application of Perfect Crystal Gold Nanowires: A Review. <i>Journal of Materials Science and Technology</i> , 2015, 31, 573-580.	10.7	32
38	Au Nanowire-Au Nanoparticles Conjugated System which Provides Micrometer Size Molecular Sensors. <i>Chemistry - A European Journal</i> , 2010, 16, 1351-1355.	3.3	31
39	Effect of surface energy on size-dependent deformation twinning of defect-free Au nanowires. <i>Nanoscale</i> , 2015, 7, 15657-15664.	5.6	30
40	Direct observation of the $2\sigma$ state of Rb2 in a pulsed molecular beam: Rotational branch intensity anomalies in the $2\sigma(1u)$ $\rightarrow$ $1\sigma^+(0g^+)$ bands. <i>Journal of Chemical Physics</i> , 2000, 113, 2116-2123.	3.0	29
41	Room-Temperature Ferromagnetic $Ga_{1-x}Mn_xAs$ ( $x \approx 0.05$ ) Nanowires: Dependence of Electronic Structures and Magnetic Properties on Mn Content. <i>Chemistry of Materials</i> , 2009, 21, 1137-1143.	6.7	29
42	Reconfigurable Periodic Liquid Crystal Defect Array via Modulation of Electric Field. <i>Advanced Materials Technologies</i> , 2019, 4, 1900454.	5.8	29
43	Self-templated synthesis of interconnected porous carbon nanosheets with controllable pore size: Mechanism and electrochemical capacitor application. <i>Microporous and Mesoporous Materials</i> , 2018, 261, 119-125.	4.4	28
44	Epitaxy-driven vertical growth of single-crystalline cobalt nanowire arrays by chemical vapor deposition. <i>Journal of Materials Chemistry C</i> , 2015, 3, 100-106.	5.5	26
45	Ultrasmall square-lattice zero-cell photonic crystal laser. <i>Applied Physics Letters</i> , 2008, 93, 011104.	3.3	25
46	Detection of Single Nucleotide Polymorphisms by a Gold Nanowire-on-Film SERS Sensor Coupled with S1 Nuclease Treatment. <i>Chemistry - A European Journal</i> , 2011, 17, 8657-8662.	3.3	25
47	The Relationship between Dissolution Behavior and the Toxicity of Silver Nanoparticles on Zebrafish Embryos in Different Ionic Environments. <i>Nanomaterials</i> , 2018, 8, 652.	4.1	25
48	Pattern-Selective Epitaxial Growth of Twin-Free Pd Nanowires from Supported Nanocrystal Seeds. <i>ACS Nano</i> , 2010, 4, 2919-2927.	14.6	24
49	Quantum Electronic Transport of Topological Surface States in $Ag_2Se$ Nanowire. <i>ACS Nano</i> , 2016, 10, 3936-3943.	14.6	24
50	Facile and sensitive detection of influenza viruses using SERS antibody probes. <i>RSC Advances</i> , 2016, 6, 84415-84419.	3.6	24
51	Switching of Photonic Crystal Lasers by Graphene. <i>Nano Letters</i> , 2017, 17, 1892-1898.	9.1	23
52	Surfactant-Free Vapor-Phase Synthesis of Single-Crystalline Gold Nanoplates for Optimally Bioactive Surfaces. <i>Chemistry of Materials</i> , 2017, 29, 8747-8756.	6.7	23
53	In-situ observation of the initiation of plasticity by nucleation of prismatic dislocation loops. <i>Nature Communications</i> , 2020, 11, 2367.	12.8	23
54	Single nanowire on graphene (SNOG) as an efficient, reproducible, and stable SERS-active platform. <i>Nanoscale</i> , 2016, 8, 8878-8886.	5.6	22

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55	Superb Specific, Ultrasensitive, and Rapid Identification of the Oseltamivir-Resistant H1N1 Virus: Naked-Eye and SERS Dual-Mode Assay Using Functional Gold Nanoparticles. ACS Applied Bio Materials, 2019, 2, 1233-1240.	4.6	22
56	Extreme anti-reflection enhanced magneto-optic Kerr effect microscopy. Nature Communications, 2020, 11, 5937.	12.8	21
57	Polarization-selective resonant photonic crystal photodetector. Applied Physics Letters, 2008, 93, .	3.3	19
58	Facile Fabrication of Multi-Targeted and Stable Biochemical SERS Sensors. Chemistry - an Asian Journal, 2013, 8, 3010-3014.	3.3	19
59	Ultra-Specific Zeptomole MicroRNA Detection by Plasmonic Nanowire Interstice Sensor with Bi-Temperature Hybridization. Small, 2014, 10, 4200-4206.	10.0	19
60	Multivalent Antibody-Nanoparticle Conjugates To Enhance the Sensitivity of Surface-Enhanced Raman Scattering-Based Immunoassays. ACS Applied Materials & Interfaces, 2018, 10, 37829-37834.	8.0	19
61	Production of graphene oxide from pitch-based carbon fiber. Scientific Reports, 2015, 5, 11707.	3.3	18
62	Morphology-Tuned Synthesis of Single-Crystalline V5Si3 Nanotubes and Nanowires. Journal of Physical Chemistry C, 2009, 113, 12996-13001.	3.1	17
63	Epitaxially Integrating Ferromagnetic Fe <sub>1.3</sub> Ge Nanowire Arrays on Few-Layer Graphene. Journal of Physical Chemistry Letters, 2011, 2, 956-960.	4.6	17
64	Spectroscopic prescription for optimal stimulated Raman transfer of ultracold heteronuclear molecules to the lowest rovibronic level. Physical Review A, 2011, 84, .	2.5	17
65	SERS-based immunoassay of anti-cyclic citrullinated peptide for early diagnosis of rheumatoid arthritis. RSC Advances, 2014, 4, 32924-32927.	3.6	17
66	Nanomechanical characterization of quantum interference in a topological insulator nanowire. Nature Communications, 2019, 10, 4522.	12.8	17
67	Wavelength-scale photonic-crystal laser formed by electron-beam-induced nano-block deposition. Optics Express, 2009, 17, 6790.	3.4	16
68	Vertically Aligned Single-Crystalline Ferromagnetic Ni3Co Nanowires. Chemistry of Materials, 2010, 22, 1831-1835.	6.7	16
69	Troponin Aptamer on an Atomically Flat Au Nanoplate Platform for Detection of Cardiac Troponin I. Nanomaterials, 2020, 10, 1402.	4.1	15
70	The 530 nm system of KRb observed in a pulsed molecular beam: New electric quadrupole transitions (1 $\Sigma^+$ -X $\Sigma^+$ ). Journal of Chemical Physics, 2001, 115, 7413-7419.	3.0	13
71	Controlled sub-nanometer tuning of photonic crystal resonator by carbonaceous nano-dots. Optics Express, 2008, 16, 9829.	3.4	13
72	Electro-triggering and electrochemical monitoring of dopamine exocytosis from a single cell by using ultrathin electrodes based on Au nanowires. Nanoscale, 2016, 8, 214-218.	5.6	13

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73	Selective Growth of Straight and Zigzagged Ga <sub>1-x</sub> Mn <sub>x</sub> N (0 ≤ x ≤ 0.05) Nanowires and Dependence of Their Electronic Structure and Magnetization on the Mn Content. <i>Journal of Physical Chemistry C</i> , 2008, 112, 2934-2942.	3.1	12
74	Topotaxial Fabrication of Vertical AuAg Nanowire Arrays: Plasmon-Active in the Blue Region and Corrosion Resistant. <i>Small</i> , 2012, 8, 1527-1533.	10.0	12
75	Effects of chirping on the dissociation dynamics of H <sub>2</sub> in a two-frequency laser field. <i>Physical Review A</i> , 2002, 65, .	2.5	11
76	Large-Scale Highly Ordered Chitosan-Core Au-Shell Nanopatterns with Plasmonic Tunability: A Top-Down Approach to Fabricate Core-Shell Nanostructures. <i>Advanced Functional Materials</i> , 2010, 20, 4273-4278.	14.9	11
77	A twin-free single-crystal Ag nanoplate plasmonic platform: hybridization of the optical nano-antenna and surface plasmon active surface. <i>Nanoscale</i> , 2014, 6, 514-520.	5.6	11
78	Structures and Bonding Properties of Gold-Arg-Cys Complexes: DFT Study of Simple Peptide-Coated Metal. <i>Journal of Physical Chemistry C</i> , 2014, 118, 20840-20847.	3.1	11
79	Suppressing mosaicism by Au nanowire injector-driven direct delivery of plasmids into mouse embryos. <i>Biomaterials</i> , 2017, 138, 169-178.	11.4	11
80	Growth Energetics of Single-Wall Carbon Nanotubes with Carbon Monoxide. <i>Journal of Physical Chemistry B</i> , 2004, 108, 4308-4313.	2.6	10
81	Macroscopic Quantum Tunneling in Superconducting Junctions of <sup>12</sup> Ag <sub>2</sub> Se Topological Insulator Nanowire. <i>Nano Letters</i> , 2017, 17, 6997-7002.	9.1	10
82	Selective Pump Focusing on Individual Laser Modes in Microcavities. <i>ACS Photonics</i> , 2018, 5, 2791-2798.	6.6	10
83	Optical Metasurface-Based Holographic Stereogram. <i>Advanced Optical Materials</i> , 2020, 8, 1901970.	7.3	10
84	Attomolar detection of extracellular microRNAs released from living prostate cancer cells by a plasmonic nanowire interstice sensor. <i>Nanoscale</i> , 2017, 9, 17387-17395.	5.6	9
85	Quantitative and Isolated Measurement of Far-Field Light Scattering by a Single Nanostructure. <i>Physical Review Applied</i> , 2017, 8, .	3.8	9
86	Near-Ultraviolet Structural Colors Generated by Aluminum Nanodisk Array for Bright Image Printing. <i>Advanced Optical Materials</i> , 2018, 6, 1800231.	7.3	9
87	Epitaxially aligned submillimeter-scale silver nanoplates grown by simple vapor transport. <i>Nanoscale</i> , 2019, 11, 17436-17443.	5.6	9
88	A Multivalent Structure-Specific RNA Binder with Extremely Stable Target Binding but Reduced Interaction with Nonspecific RNAs. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15998-16002.	13.8	8
89	Fabrication and near-field visualization of a wafer-scale dense plasmonic nanostructured array. <i>RSC Advances</i> , 2018, 8, 6444-6451.	3.6	8
90	Single-crystalline Co <sub>2</sub> Si nanowires directly synthesized on silicon substrate for high-performance micro-supercapacitor. <i>Chemical Engineering Journal</i> , 2019, 370, 973-979.	12.7	8

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91	Successful genetic modification of porcine spermatogonial stem cells via an electrically responsive Au nanowire injector. <i>Biomaterials</i> , 2019, 193, 22-29.	11.4	8
92	Geometry-tailored freestanding epitaxial Pd, AuPd, and Au nanoplates driven by surface interactions. <i>Nanoscale</i> , 2020, 12, 6537-6544.	5.6	8
93	High-quality nanomechanical resonator based on a defect-free gold nanowire. <i>Journal of the Korean Physical Society</i> , 2013, 63, 263-268.	0.7	7
94	Resonant light scattering from a single dielectric nano-antenna formed by electron beam-induced deposition. <i>Scientific Reports</i> , 2015, 5, 10400.	3.3	7
95	Polarization-resolved far-field measurement of single-cell photonic crystal lasing modes. <i>Applied Physics Letters</i> , 2011, 98, .	3.3	6
96	Quantum transport properties of single-crystalline $\text{Ag}_{2\text{Se}_{0.5}\text{Te}_{0.5}}$ nanowires as a new topological material. <i>Nanoscale</i> , 2019, 11, 5171-5179.	5.6	6
97	Deformation twinning in $\text{Au}_{30}\text{Ag}_{70}$ alloy nanowires under tensile strain. <i>Journal of Alloys and Compounds</i> , 2020, 816, 152586.	5.5	6
98	Extraordinary optical transmission and second harmonic generation in sub-10-nm plasmonic coaxial aperture. <i>Nanophotonics</i> , 2020, 9, 3295-3302.	6.0	6
99	Stereoaligned Epitaxial Growth of Single-Crystalline Platinum Nanowires by Chemical Vapor Transport. <i>Chemistry - an Asian Journal</i> , 2011, 6, 2500-2505.	3.3	5
100	Unravelling Complex Spectra of a Simple Molecule: REMPI Study of the 420 nm Band System of KRb. <i>ChemPhysChem</i> , 2011, 12, 2018-2023.	2.1	5
101	Atomistically observing real-space structure of composition modulated $(\text{Nb}_{0.94}\text{V}_{0.06})_{10}(\text{SixGe}_{1-x})_7$ nanowires with ultralow resistivity. <i>Journal of Materials Chemistry C</i> , 2013, 1, 1674.	5.5	5
102	Three-dimensionally kinked high-conducting CoGe nanowire growth induced by rotational twinning. <i>Journal of Materials Chemistry C</i> , 2013, 1, 6259.	5.5	5
103	Light-Driven Fabrication of a Chiral Photonic Lattice of the Helical Nanofilament Liquid Crystal Phase. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 4409-4416.	8.0	5
104	Plasmonic Photonic Crystal Mirror for Long-Lived Interlayer Exciton Generation. <i>ACS Photonics</i> , 2021, 8, 3619-3626.	6.6	5
105	Electric quadrupole transitions of $\text{Rb}_2$ observed in a pulsed molecular beam: The $1\sigma_g^+ \leftarrow X\sigma_g^+$ bands near 540 nm. <i>Journal of Chemical Physics</i> , 2002, 116, 6660-6666.	3.0	4
106	Low-Temperature Vapor-Phase Synthesis of Single-Crystalline Gold Nanostructures: Toward Exceptional Electrocatalytic Activity for Methanol Oxidation Reaction. <i>Nanomaterials</i> , 2019, 9, 595.	4.1	4
107	New electric quadrupole transitions of $\text{K}_2$ observed in a pulsed molecular beam: The $1\sigma_g^+ \leftarrow X\sigma_g^+$ bands near 500 nm. <i>Journal of Chemical Physics</i> , 2000, 113, 2945-2948.	3.0	3
108	Simple Fabrication of High Density Quantum Dot Arrays Using Anodic Aluminum Oxide Mask. <i>Materials Research Society Symposia Proceedings</i> , 2004, 818, 90.	0.1	3

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109	Intra-nanogap controllable Au plates as efficient, robust, and reproducible surface-enhanced Raman scattering-active platforms. RSC Advances, 2019, 9, 13007-13015.	3.6	3
110	Atomic and molecular stabilization in two-frequency laser fields. Journal of Chemical Physics, 2003, 119, 2083-2087.	3.0	2
111	Magnetotransport Properties and Kondo Effect Observed in a Ferromagnetic Single-Crystalline Fe <sub>1-x</sub> Co <sub>x</sub> Si Nanowire. Chemistry - an Asian Journal, 2012, 7, 406-411.	3.3	2
112	Direct Observation of the Collision of Single Pt Nanoparticles onto Single-Crystalline Gold Nanowire Electrodes. Chemistry - an Asian Journal, 2016, 11, 2181-2187.	3.3	2
113	Stereo-epitaxial growth of single-crystal Ni nanowires and nanoplates from aligned seed crystals. Nanoscale, 2016, 8, 10291-10297.	5.6	2
114	A Multivalent Structure-Specific RNA Binder with Extremely Stable Target Binding but Reduced Interaction with Nonspecific RNAs. Angewandte Chemie, 2017, 129, 16214-16218.	2.0	2
115	Predissociating resonances of Cs <sub>2</sub> - Theory and experiment. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1997, 101, 407-413.	0.9	1
116	Fabrication and Characterization of Iron-Cobalt Alloy Magnetic NanoclusterWires by Thermal DecompositionMethod inMagnetic Fields. Materials Research Society Symposia Proceedings, 2003, 776, 841.	0.1	1
117	Effects of a Bottom Substrate on Emission Properties of a Photonic Crystal Nanolaser. Indium Phosphide and Related Materials Conference (IPRM), IEEE International Conference on, 2007, , .	0.0	1
118	DNA Sensors: Combining a Nanowire SERRS Sensor and a Target Recycling Reaction for Ultrasensitive and Multiplex Identification of Pathogenic Fungi (Small 23/2011). Small, 2011, 7, 3254-3254.	10.0	1
119	Surface two-level state dissipation in single-crystalline gold nanomechanical resonators. Journal of the Korean Physical Society, 2017, 70, 225-228.	0.7	1
120	Sensors: Nanogap-Rich Au Nanowire SERS Sensor for Ultrasensitive Telomerase Activity Detection: Application to Gastric and Breast Cancer Tissues Diagnosis (Adv. Funct. Mater. 37/2017). Advanced Functional Materials, 2017, 27, .	14.9	1
121	Development of Au nanowire injector system to deliver plasmid into mouse embryo. Data in Brief, 2017, 14, 48-55.	1.0	1
122	Epitaxially Integrated Hierarchical ZnO/Au/SrTiO <sub>3</sub> and ZnO/Ag/Al <sub>2</sub> O <sub>3</sub> Heterostructures: Three-Dimensional Plasmo-Photonic Nanoarchitecturing. Nanomaterials, 2021, 11, 3262.	4.1	1
123	Experimental Probing of Canonical Electromagnetic Spin Angular Momentum Distribution via Valley-Polarized Photoluminescence. Physical Review Letters, 2021, 127, 223601.	7.8	1
124	Photodissociation and spectroscopy of alkali metal dimers in supersonic molecular beam. , 0, , .		0
125	Generation of photonic crystal laser mode by Lorentz-dispersive finite-difference time-domain method. , 2005, , .		0
126	Electrical 2-D Slab Photonic Crystal Lasers. , 2007, , .		0



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127	Electrically Pumped Photonic Crystal Lasers. , 2007, , .		0
128	Electrically-driven single-cell hexapole mode photonic crystal laser. , 2007, , .		0
129	Electrically-driven single hexapole mode photonic crystal laser using parity-selective mirrors. Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting-LEOS, 2007, , .	0.0	0
130	Reconfigurable photonic crystal resonators. , 2008, , .		0
131	Ultra-small Photonic Crystal Lasers Near Communication Wavelengths. , 2008, , .		0
132	Spatial and spectral nano-control of photonic crystal lasers. , 2008, , .		0
133	Vertical epitaxial Co<math>_{5}</math>Ge<math>_{7}</math> nanowires and nanobelts arrays on a thin graphitic layer for flexible FED. , 2010, , .		0
134	Fabrication and characterization of single-crystalline Au nanowire electrodes. , 2011, , .		0
135	Far-field Measurement of single gold nanorod scattering using total-internal-reflection illumination. , 2015, , .		0
136	Study of magnonâ€“phonon non-equilibrium in a magnetic insulatorâ€“Thulium iron garnet. Applied Physics Letters, 2021, 119, 152406.	3.3	0
137	Naked Eye Detection of <i>Salmonella typhimurium</i> Using Scanometric Antibody Probe. Journal of Nanoscience and Nanotechnology, 2017, 17, 4608-4612.	0.9	0