

# Bongsoo Kim

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/117492/bongsoo-kim-publications-by-citations.pdf>

**Version:** 2024-04-18

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.

123  
papers

3,358  
citations

31  
h-index

53  
g-index

138  
ext. papers

3,665  
ext. citations

7.5  
avg, IF

4.96  
L-index

#	Paper	IF	Citations
123	Patterned multiplex pathogen DNA detection by Au particle-on-wire SERS sensor. <i>Nano Letters</i> , <b>2010</b> , 10, 1189-93	11.5	326
122	Single nanowire on a film as an efficient SERS-active platform. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 758-62	16.4	201
121	Covalent Functionalization of Epitaxial Graphene by Azidotrimethylsilane. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 9433-9435	3.8	130
120	Production of Smooth and Pure Nickel Metal Nanofibers by the Electrospinning Technique: Nanofibers Possess Splendid Magnetic Properties. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 531-536	3.8	126
119	Reversible cyclic deformation mechanism of gold nanowires by twinning-detwinning transition evidenced from in situ TEM. <i>Nature Communications</i> , <b>2014</b> , 5, 3033	17.4	116
118	Cobalt nanofibers encapsulated in a graphite shell by an electrospinning process. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 7371		111
117	Electronic Structure of Vertically Aligned Mn-Doped CoFe <sub>2</sub> O <sub>4</sub> Nanowires and Their Application as Humidity Sensors and Photodetectors. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 7085-7090	3.8	88
116	Steering epitaxial alignment of Au, Pd, and AuPd nanowire arrays by atom flux change. <i>Nano Letters</i> , <b>2010</b> , 10, 432-8	11.5	84
115	Self-assembly of semiconducting photoluminescent peptide nanowires in the vapor phase. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 1164-7	16.4	82
114	Au nanowire-on-film SERRS sensor for ultrasensitive Hg <sup>2+</sup> detection. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 2211-4	4.8	75
113	Alanyl Side Chain Folding in Phenylalanine: Conformational Assignments through Ultraviolet Rotational Band Contour Analysis. <i>Journal of Physical Chemistry A</i> , <b>2004</b> , 108, 69-73	2.8	66
112	Nanogap-Rich Au Nanowire SERS Sensor for Ultrasensitive Telomerase Activity Detection: Application to Gastric and Breast Cancer Tissues Diagnosis. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1701832	15.6	64
111	Single crystalline EAg <sub>2</sub> Te nanowire as a new topological insulator. <i>Nano Letters</i> , <b>2012</b> , 12, 4194-9	11.5	63
110	Electrically driven nanobeam laser. <i>Nature Communications</i> , <b>2013</b> , 4,	17.4	61
109	Cathodoluminescence Modulation of ZnS Nanostructures by Morphology, Doping, and Temperature. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 3701-3709	15.6	59
108	Single-step multiplex detection of toxic metal ions by Au nanowires-on-chip sensor using reporter elimination. <i>Lab on A Chip</i> , <b>2012</b> , 12, 3077-81	7.2	55
107	Subcellular neural probes from single-crystal gold nanowires. <i>ACS Nano</i> , <b>2014</b> , 8, 8182-9	16.7	54

106	Creating Well-Defined Hot Spots for Surface-Enhanced Raman Scattering by Single-Crystalline Noble Metal Nanowire Pairs. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 7492-7496	3.8	53
105	Polymorph-tuned synthesis of Bi <sub>2</sub> O <sub>3</sub> nanowires and determination of their growth direction from polarized Raman single nanowire microscopy. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 1304-9	4.8	52
104	Characteristics of electrically driven two-dimensional photonic crystal lasers. <i>IEEE Journal of Quantum Electronics</i> , <b>2005</b> , 41, 1131-1141	2	47
103	Epitaxially aligned cuprous oxide nanowires for all-oxide, single-wire solar cells. <i>Nano Letters</i> , <b>2014</b> , 14, 4665-70	11.5	46
102	Effects of Substituting Group on the Hydrogen Bonding in Phenol-H <sub>2</sub> O Complexes: Ab Initio Study. <i>Journal of Physical Chemistry A</i> , <b>2003</b> , 107, 131-139	2.8	43
101	Intracellular gold nanoparticles increase neuronal excitability and aggravate seizure activity in the mouse brain. <i>PLoS ONE</i> , <b>2014</b> , 9, e91360	3.7	42
100	Combining a nanowire SERRS sensor and a target recycling reaction for ultrasensitive and multiplex identification of pathogenic fungi. <i>Small</i> , <b>2011</b> , 7, 3371-6	11	42
99	Melting behaviors of icosahedral metal clusters studied by Monte Carlo simulations. <i>Journal of Computational Chemistry</i> , <b>2000</b> , 21, 380-387	3.5	40
98	Vertical epitaxial Co <sub>5</sub> Ge <sub>7</sub> nanowire and nanobelt arrays on a thin graphitic layer for flexible field emission displays. <i>Advanced Materials</i> , <b>2009</b> , 21, 4979-4982	24	36
97	Structures and isomerization of neutral and zwitterion serine-water clusters: Computational study. <i>International Journal of Quantum Chemistry</i> , <b>2005</b> , 101, 55-66	2.1	36
96	Ferromagnetic Ge <sub>1-x</sub> M <sub>x</sub> (M = Mn, Fe, and Co) Nanowires. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 4694-4702	9.6	33
95	Modal characteristics in a single-nanowire cavity with a triangular cross section. <i>Nano Letters</i> , <b>2008</b> , 8, 4534-8	11.5	33
94	Microstructured Air Cavities as High-Index Contrast Substrates with Strong Diffraction for Light-Emitting Diodes. <i>Nano Letters</i> , <b>2016</b> , 16, 3301-8	11.5	33
93	Mussel-inspired surface functionalization of porous carbon nanosheets using polydopamine and Fe <sup>3+</sup> /tannic acid layers for high-performance electrochemical capacitors. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 25368-25377	13	32
92	Rainbow radiating single-crystal Ag nanowire nanoantenna. <i>Nano Letters</i> , <b>2012</b> , 12, 2331-6	11.5	30
91	Room Temperature Ferromagnetism in Single-Crystalline Fe <sub>5</sub> Si <sub>3</sub> Nanowires. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 6902-6905	3.8	30
90	Synthesis and photoluminescence of zinc sulfide nanowires by simple thermal chemical vapor deposition. <i>Materials Research Bulletin</i> , <b>2006</b> , 41, 2013-2017	5.1	30
89	Precisely Determining Ultralow level UO <sub>2</sub> (2+) in Natural Water with Plasmonic Nanowire Interstice Sensor. <i>Scientific Reports</i> , <b>2016</b> , 6, 19646	4.9	29

88	Au nanowire-Au nanoparticles conjugated system which provides micrometer size molecular sensors. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 1351-5	4.8	29
87	Room-Temperature Ferromagnetic Ga <sub>1-x</sub> Mn <sub>x</sub> As (x ≈ 0.05) Nanowires: Dependence of Electronic Structures and Magnetic Properties on Mn Content. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 1137-1143	9.6	28
86	Atomically Flat Au Nanoplate Platforms Enable Ultraspecific Attomolar Detection of Protein Biomarkers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 18960-18967	9.5	27
85	Direct observation of the 2 3 $\pi$ state of Rb <sub>2</sub> in a pulsed molecular beam: Rotational branch intensity anomalies in the 2 3 $\pi$ (1u) $\rightarrow$ 1 $\sigma$ +(0g+) bands. <i>Journal of Chemical Physics</i> , <b>2000</b> , 113, 2116-2123	3.9	27
84	Synthesis, Properties, and Biological Application of Perfect Crystal Gold Nanowires: A Review. <i>Journal of Materials Science and Technology</i> , <b>2015</b> , 31, 573-580	9.1	24
83	Pattern-selective epitaxial growth of twin-free Pd nanowires from supported nanocrystal seeds. <i>ACS Nano</i> , <b>2010</b> , 4, 2919-27	16.7	24
82	Epitaxy-driven vertical growth of single-crystalline cobalt nanowire arrays by chemical vapor deposition. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 100-106	7.1	23
81	Effect of surface energy on size-dependent deformation twinning of defect-free Au nanowires. <i>Nanoscale</i> , <b>2015</b> , 7, 15657-64	7.7	23
80	Detection of single nucleotide polymorphisms by a gold nanowire-on-film SERS sensor coupled with S1 nuclease treatment. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 8657-62	4.8	23
79	Quantum Electronic Transport of Topological Surface States in $\beta$ Ag <sub>2</sub> Se Nanowire. <i>ACS Nano</i> , <b>2016</b> , 10, 3936-43	16.7	23
78	Surfactant-Free Vapor-Phase Synthesis of Single-Crystalline Gold Nanoplates for Optimally Bioactive Surfaces. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 8747-8756	9.6	22
77	Switching of Photonic Crystal Lasers by Graphene. <i>Nano Letters</i> , <b>2017</b> , 17, 1892-1898	11.5	21
76	Ultrasmall square-lattice zero-cell photonic crystal laser. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 011104	3.4	21
75	Single nanowire on graphene (SNOG) as an efficient, reproducible, and stable SERS-active platform. <i>Nanoscale</i> , <b>2016</b> , 8, 8878-86	7.7	21
74	Self-Assembly of Semiconducting Photoluminescent Peptide Nanowires in the Vapor Phase. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 1196-1199	3.6	20
73	Facile and sensitive detection of influenza viruses using SERS antibody probes. <i>RSC Advances</i> , <b>2016</b> , 6, 84415-84419	3.7	18
72	Facile fabrication of multi-targeted and stable biochemical SERS sensors. <i>Chemistry - an Asian Journal</i> , <b>2013</b> , 8, 3010-4	4.5	18
71	Polarization-selective resonant photonic crystal photodetector. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 211103	3.4	18

70	Self-templated synthesis of interconnected porous carbon nanosheets with controllable pore size: Mechanism and electrochemical capacitor application. <i>Microporous and Mesoporous Materials</i> , <b>2018</b> , 261, 119-125	5.3	17
69	The Relationship between Dissolution Behavior and the Toxicity of Silver Nanoparticles on Zebrafish Embryos in Different Ionic Environments. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	17
68	Morphology-Tuned Synthesis of Single-Crystalline V5Si3 Nanotubes and Nanowires. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 12996-13001	3.8	17
67	Reconfigurable Periodic Liquid Crystal Defect Array via Modulation of Electric Field. <i>Advanced Materials Technologies</i> , <b>2019</b> , 4, 1900454	6.8	16
66	SERS-based immunoassay of anti-cyclic citrullinated peptide for early diagnosis of rheumatoid arthritis. <i>RSC Advances</i> , <b>2014</b> , 4, 32924-32927	3.7	16
65	Epitaxially Integrating Ferromagnetic Fe1.3Ge Nanowire Arrays on Few-Layer Graphene. <i>Journal of Physical Chemistry Letters</i> , <b>2011</b> , 2, 956-960	6.4	16
64	Spectroscopic prescription for optimal stimulated Raman transfer of ultracold heteronuclear molecules to the lowest rovibronic level. <i>Physical Review A</i> , <b>2011</b> , 84,	2.6	16
63	Superb Specific, Ultrasensitive, and Rapid Identification of the Oseltamivir-Resistant H1N1 Virus: Naked-Eye and SERS Dual-Mode Assay Using Functional Gold Nanoparticles.. <i>ACS Applied Bio Materials</i> , <b>2019</b> , 2, 1233-1240	4.1	15
62	Production of graphene oxide from pitch-based carbon fiber. <i>Scientific Reports</i> , <b>2015</b> , 5, 11707	4.9	15
61	Vertically Aligned Single-Crystalline Ferromagnetic Ni3Co Nanowires. <i>Chemistry of Materials</i> , <b>2010</b> , 22, 1831-1835	9.6	15
60	Wavelength-scale photonic-crystal laser formed by electron-beam-induced nano-block deposition. <i>Optics Express</i> , <b>2009</b> , 17, 6790-8	3.3	15
59	In-situ observation of the initiation of plasticity by nucleation of prismatic dislocation loops. <i>Nature Communications</i> , <b>2020</b> , 11, 2367	17.4	13
58	Electro-triggering and electrochemical monitoring of dopamine exocytosis from a single cell by using ultrathin electrodes based on Au nanowires. <i>Nanoscale</i> , <b>2016</b> , 8, 214-8	7.7	13
57	Ultra-specific zeptomole microRNA detection by plasmonic nanowire interstice sensor with Bi-temperature hybridization. <i>Small</i> , <b>2014</b> , 10, 4200-6	11	12
56	Controlled sub-nanometer tuning of photonic crystal resonator by carbonaceous nano-dots. <i>Optics Express</i> , <b>2008</b> , 16, 9829-37	3.3	12
55	The 530 nm system of KRb observed in a pulsed molecular beam: New electric quadrupole transitions (1 1X 1 $\bar{3}$ ). <i>Journal of Chemical Physics</i> , <b>2001</b> , 115, 7413-7419	3.9	12
54	Multivalent Antibody-Nanoparticle Conjugates To Enhance the Sensitivity of Surface-Enhanced Raman Scattering-Based Immunoassays. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 37829-37834	9.5	12
53	A twin-free single-crystal Ag nanoplate plasmonic platform: hybridization of the optical nano-antenna and surface plasmon active surface. <i>Nanoscale</i> , <b>2014</b> , 6, 514-20	7.7	11

52	Topotaxial fabrication of vertical Au Ag <sub>1-x</sub> nanowire arrays: plasmon-active in the blue region and corrosion resistant. <i>Small</i> , <b>2012</b> , 8, 1527-33	11	11
51	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> , <b>2008</b> , 112, 2934-2942	3.8	11
50	Effects of chirping on the dissociation dynamics of H <sub>2</sub> in a two-frequency laser field. <i>Physical Review A</i> , <b>2002</b> , 65,	2.6	11
49	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> , <b>2010</b> , 20, 4273-4278	15.6	10
48	Macroscopic Quantum Tunneling in Superconducting Junctions of BiAgSe Topological Insulator Nanowire. <i>Nano Letters</i> , <b>2017</b> , 17, 6997-7002	11.5	9
47	Nanomechanical characterization of quantum interference in a topological insulator nanowire. <i>Nature Communications</i> , <b>2019</b> , 10, 4522	17.4	9
46	Growth Energetics of Single-Wall Carbon Nanotubes with Carbon Monoxide. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 4308-4313	3.4	9
45	Suppressing mosaicism by Au nanowire injector-driven direct delivery of plasmids into mouse embryos. <i>Biomaterials</i> , <b>2017</b> , 138, 169-178	15.6	9
44	Attomolar detection of extracellular microRNAs released from living prostate cancer cells by a plasmonic nanowire interstice sensor. <i>Nanoscale</i> , <b>2017</b> , 9, 17387-17395	7.7	8
43	Selective Pump Focusing on Individual Laser Modes in Microcavities. <i>ACS Photonics</i> , <b>2018</b> , 5, 2791-2798	6.3	8
42	Structures and Bonding Properties of Gold-Arg-Cys Complexes: DFT Study of Simple Peptide-Coated Metal. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 20840-20847	3.8	8
41	Extreme anti-reflection enhanced magneto-optic Kerr effect microscopy. <i>Nature Communications</i> , <b>2020</b> , 11, 5937	17.4	8
40	A Multivalent Structure-Specific RNA Binder with Extremely Stable Target Binding but Reduced Interaction with Nonspecific RNAs. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 15998-16002	16.4	7
39	Resonant light scattering from a single dielectric nano-antenna formed by electron beam-induced deposition. <i>Scientific Reports</i> , <b>2015</b> , 5, 10400	4.9	7
38	Fabrication and near-field visualization of a wafer-scale dense plasmonic nanostructured array.. <i>RSC Advances</i> , <b>2018</b> , 8, 6444-6451	3.7	7
37	Epitaxially aligned submillimeter-scale silver nanoplates grown by simple vapor transport. <i>Nanoscale</i> , <b>2019</b> , 11, 17436-17443	7.7	6
36	Single-crystalline Co <sub>2</sub> Si nanowires directly synthesized on silicon substrate for high-performance micro-supercapacitor. <i>Chemical Engineering Journal</i> , <b>2019</b> , 370, 973-979	14.7	6
35	Optical Metasurface-Based Holographic Stereogram. <i>Advanced Optical Materials</i> , <b>2020</b> , 8, 1901970	8.1	6

34	Troponin Aptamer on an Atomically Flat Au Nanoplate Platform for Detection of Cardiac Troponin I. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	6
33	Successful genetic modification of porcine spermatogonial stem cells via an electrically responsive Au nanowire injector. <i>Biomaterials</i> , <b>2019</b> , 193, 22-29	15.6	6
32	High-quality nanomechanical resonator based on a defect-free gold nanowire. <i>Journal of the Korean Physical Society</i> , <b>2013</b> , 63, 263-268	0.6	5
31	Three-dimensionally kinked high-conducting CoGe nanowire growth induced by rotational twinning. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 6259	7.1	5
30	Quantitative and Isolated Measurement of Far-Field Light Scattering by a Single Nanostructure. <i>Physical Review Applied</i> , <b>2017</b> , 8,	4.3	5
29	Stereoaligned epitaxial growth of single-crystalline platinum nanowires by chemical vapor transport. <i>Chemistry - an Asian Journal</i> , <b>2011</b> , 6, 2500-5	4.5	5
28	Near-Ultraviolet Structural Colors Generated by Aluminum Nanodisk Array for Bright Image Printing. <i>Advanced Optical Materials</i> , <b>2018</b> , 6, 1800231	8.1	5
27	Low-Temperature Vapor-Phase Synthesis of Single-Crystalline Gold Nanostructures: Toward Exceptional Electrocatalytic Activity for Methanol Oxidation Reaction. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	4
26	Unravelling complex spectra of a simple molecule: REMPI study of the 420 nm band system of KRb. <i>ChemPhysChem</i> , <b>2011</b> , 12, 2018-23	3.2	4
25	Polarization-resolved far-field measurement of single-cell photonic crystal lasing modes. <i>Applied Physics Letters</i> , <b>2011</b> , 98, 211116	3.4	4
24	Electric quadrupole transitions of Rb <sub>2</sub> observed in a pulsed molecular beam: The 1 $\mu\text{m}$ $1\mu\text{m}$ + bands near 540 nm. <i>Journal of Chemical Physics</i> , <b>2002</b> , 116, 6660-6666	3.9	4
23	Quantum transport properties of single-crystalline AgSeTe nanowires as a new topological material. <i>Nanoscale</i> , <b>2019</b> , 11, 5171-5179	7.7	4
22	Atomistically observing real-space structure of composition modulated (Nb <sub>0.94</sub> V <sub>0.06</sub> ) <sub>10</sub> (SixGe <sub>1-x</sub> ) <sub>7</sub> nanowires with ultralow resistivity. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 1674	7.1	3
21	New electric quadrupole transitions of K <sub>2</sub> observed in a pulsed molecular beam: The 1 $\mu\text{m}$ $1\mu\text{m}$ + bands near 500 nm. <i>Journal of Chemical Physics</i> , <b>2000</b> , 113, 2945-2948	3.9	3
20	Extraordinary optical transmission and second harmonic generation in sub $\mu\text{m}$ -nm plasmonic coaxial aperture. <i>Nanophotonics</i> , <b>2020</b> , 9, 3295-3302	6.3	3
19	Geometry-tailored freestanding epitaxial Pd, AuPd, and Au nanoplates driven by surface interactions. <i>Nanoscale</i> , <b>2020</b> , 12, 6537-6544	7.7	3
18	Deformation twinning in Au <sub>30</sub> Ag <sub>70</sub> alloy nanowires under tensile strain. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 816, 152586	5.7	3
17	A Multivalent Structure-Specific RNA Binder with Extremely Stable Target Binding but Reduced Interaction with Nonspecific RNAs. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 16214-16218	3.6	2



16	Intra-nanogap controllable Au plates as efficient, robust, and reproducible surface-enhanced Raman scattering-active platforms.. <i>RSC Advances</i> , <b>2019</b> , 9, 13007-13015	3.7	2
15	Magnetotransport properties and kondo effect observed in a ferromagnetic single-crystalline Fe(1-x)Co(x)Si nanowire. <i>Chemistry - an Asian Journal</i> , <b>2012</b> , 7, 406-11	4.5	2
14	Simple fabrication of high density quantum dot arrays using anodic aluminum oxide mask. <i>Materials Research Society Symposia Proceedings</i> , <b>2004</b> , 818, 90		2
13	Atomic and molecular stabilization in two-frequency laser fields. <i>Journal of Chemical Physics</i> , <b>2003</b> , 119, 2083-2087	3.9	2
12	Direct Observation of the Collision of Single Pt Nanoparticles onto Single-Crystalline Gold Nanowire Electrodes. <i>Chemistry - an Asian Journal</i> , <b>2016</b> , 11, 2181-7	4.5	2
11	Stereo-epitaxial growth of single-crystal Ni nanowires and nanoplates from aligned seed crystals. <i>Nanoscale</i> , <b>2016</b> , 8, 10291-7	7.7	2
10	DNA Sensors: Combining a Nanowire SERRS Sensor and a Target Recycling Reaction for Ultrasensitive and Multiplex Identification of Pathogenic Fungi (Small 23/2011). <i>Small</i> , <b>2011</b> , 7, 3254-3254 <sup>11</sup>		1
9	Predissociating resonances of Cs <sub>2</sub> I <sup>+</sup> theory and experiment. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , <b>1997</b> , 101, 407-413		1
8	Fabrication and Characterization of Iron-Cobalt Alloy Magnetic NanoclusterWires by Thermal DecompositionMethod inMagnetic Fields. <i>Materials Research Society Symposia Proceedings</i> , <b>2003</b> , 776, 841		1
7	Experimental Probing of Canonical Electromagnetic Spin Angular Momentum Distribution via Valley-Polarized Photoluminescence. <i>Physical Review Letters</i> , <b>2021</b> , 127, 223601	7.4	1
6	Surface two-level state dissipation in single-crystalline gold nanomechanical resonators. <i>Journal of the Korean Physical Society</i> , <b>2017</b> , 70, 225-228	0.6	0
5	Light-Driven Fabrication of a Chiral Photonic Lattice of the Helical Nanofilament Liquid Crystal Phase.. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2022</b> , 14, 4409-4416	9.5	0
4	Plasmonic Photonic Crystal Mirror for Long-Lived Interlayer Exciton Generation. <i>ACS Photonics</i> , <b>2021</b> , 8, 3619-3626	6.3	0
3	Development of Au nanowire injector system to deliver plasmid into mouse embryo. <i>Data in Brief</i> , <b>2017</b> , 14, 48-55	1.2	
2	Study of magnonphonon non-equilibrium in a magnetic insulatorThulium iron garnet. <i>Applied Physics Letters</i> , <b>2021</b> , 119, 152406	3.4	
1	Naked Eye Detection of Salmonella typhimurium Using Scanometric Antibody Probe. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2017</b> , 17, 4608-4612	1.3	