

# Sang Woo Joo

## List of Publications by Year in descending order

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251  
papers

7,812  
citations

81743

39  
h-index

69108

77  
g-index

253  
all docs

253  
docs citations

253  
times ranked

8977  
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of Bimetallic Hybrid Multishell Hollow Spheres via Sequential Template Approach for Less Cytotoxic Antimicrobial Effect. <i>IEEE Transactions on Nanobioscience</i> , 2023, 22, 447-452.	2.2	5
2	Emerging electrochemical sensing and biosensing approaches for detection of Fumonisin in food samples. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 8761-8776.	5.4	21
3	Superior energyâ€power performance of Nâ€doped carbon nanoâ€onionsâ€based asymmetric and symmetric supercapacitor devices. <i>International Journal of Energy Research</i> , 2022, 46, 1234-1249.	2.2	23
4	Urea-assisted hydrothermal synthesis of MnMoO <sub>4</sub> /MnCO <sub>3</sub> hybrid electrochemical electrode and fabrication of high-performance asymmetric supercapacitor. <i>Journal of Materials Science and Technology</i> , 2022, 96, 332-344.	5.6	32
5	Virtual walls for dielectric fluid manipulation through controllable charge deposition. <i>Experimental Thermal and Fluid Science</i> , 2022, 130, 110512.	1.5	0
6	The Synthesis and Characterization of a Novel One-Dimensional Bismuth (III) Coordination Polymer as a Precursor for the Production of Bismuth (III) Oxide Nanorods. <i>Crystals</i> , 2022, 12, 113.	1.0	4
7	Facile construction and controllable design of CoTiO <sub>3</sub> @Co <sub>3</sub> O <sub>4</sub> /N CNO hybrid heterojunction nanocomposite electrode for high-performance supercapacitors. <i>Electrochimica Acta</i> , 2022, 407, 139868.	2.6	18
8	The Effect of Surface Wettability on Viscoelastic Droplet Dynamics under Electric Fields. <i>Micromachines</i> , 2022, 13, 580.	1.4	2
9	A novel hybridized needle-like Co <sub>3</sub> O <sub>4</sub> /N-CNO composite for superior energy storage asymmetric supercapacitors. <i>Journal of Alloys and Compounds</i> , 2022, 908, 164447.	2.8	16
10	The Effects of Viscoelasticity on Droplet Migration on Surfaces with Wettability Gradients. <i>Micromachines</i> , 2022, 13, 729.	1.4	4
11	Pseudocapacitive Performance of Freestanding Ni <sub>3</sub> V <sub>2</sub> O <sub>8</sub> Nanosheets for High Energy and Power Density Asymmetric Supercapacitors. <i>ACS Applied Energy Materials</i> , 2022, 5, 5561-5578.	2.5	21
12	<i>In Situ</i> Construction of Binder-Free Stable Battery-Type Copper Cobaltite and Copper Oxide Composite Electrodes for All-Solid-State Asymmetric Supercapacitors: Cation Concentration and Morphology-Dependent Electrochemical Performance. <i>Energy &amp; Fuels</i> , 2022, 36, 5965-5978.	2.5	22
13	Capsuleâ€shaped calcium and cobaltâ€doped ZnO electrodes for high electrochemical supercapacitor performance. <i>International Journal of Energy Research</i> , 2022, 46, 14334-14345.	2.2	4
14	Three-Dimensional Droplet Manipulation with Electrostatic Levitation. <i>Analytical Chemistry</i> , 2022, 94, 8217-8225.	3.2	12
15	Design and synthesis of highly efficient nitrogen-doped carbon nano-onions for asymmetric supercapacitors. <i>Journal of Alloys and Compounds</i> , 2022, 918, 165609.	2.8	12
16	Boosting the Electrochemical Performance of Mn-doped CuCo <sub>2</sub> O <sub>4</sub> /CuO Heterostructures for All-Solid-State Asymmetric Battery-type Supercapacitors. <i>Journal of the Electrochemical Society</i> , 2022, 169, 060549.	1.3	17
17	Capillary tweezer for programmable droplet manipulation. <i>Sensors and Actuators B: Chemical</i> , 2022, 370, 132380.	4.0	3
18	Highly Fluorescent Doped Fe <sub>3</sub> O <sub>4</sub> @C Nanoparticles Cross the Bloodâ€Brain Barrier: Help in Brain Imaging and Blocking the Life Cycle of Mosquitoes. <i>Journal of Cluster Science</i> , 2021, 32, 1761-1767.	1.7	2

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19	Gold nanostar-enhanced electrochemiluminescence immunosensor for highly sensitive detection of cancer stem cells using CD133 membrane biomarker. <i>Bioelectrochemistry</i> , 2021, 137, 107633.	2.4	34
20	Photocatalytic hydrogen production from dye contaminated water and electrochemical supercapacitors using carbon nanohorns and TiO <sub>2</sub> nanoflower heterogeneous catalysts. <i>Journal of Environmental Management</i> , 2021, 277, 111433.	3.8	21
21	Droplet fusion by the interplay of electric potential and converging/diverging geometry in microchannels. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 448-453.	1.6	4
22	Construction of Functionalized Carbon Nanofiber/g-C <sub>3</sub> N <sub>4</sub> and TiO <sub>2</sub> Spheres as a Nanostructured Hybrid Electrode for High-Performance Supercapacitors. <i>Energy &amp; Fuels</i> , 2021, 35, 1796-1809.	2.5	27
23	Sonochemical Synthesis, Characterization and Optical Properties of Tb-Doped CdSe Nanoparticles: Synergistic Effect between Photocatalysis and Sonocatalysis. <i>Nanomaterials</i> , 2021, 11, 378.	1.9	6
24	Generation and Dynamics of Janus Droplets in Shear-Thinning Fluid Flow in a Double Y-Type Microchannel. <i>Micromachines</i> , 2021, 12, 149.	1.4	8
25	A Novel Fishbone-Like Lead(II) Supramolecular Polymer: Synthesis, Characterization, and Application for Producing Nano Metal Oxide. <i>Crystals</i> , 2021, 11, 335.	1.0	1
26	Syntheses and Antitumor Properties of Furoxan Derivatives. <i>Current Organic Chemistry</i> , 2021, 25, 757-778.	0.9	3
27	Color-Tunable White LEDs with Single Chip Realized through Phosphor Pattern and Thermal-Modulating Optical Film. <i>Micromachines</i> , 2021, 12, 421.	1.4	4
28	Ultrasound-Assisted Synthesis and DFT Calculations of the Novel 1D Pb (II) Coordination Polymer with Thiosemicarbazone Derivative Ligand and Its Use for Preparation of PbO Clusters. <i>Crystals</i> , 2021, 11, 682.	1.0	8
29	Highly efficient hydrogen evolution reaction performance and long-term stability of spherical Ni <sub>100-x</sub> Fe <sub>x</sub> alloy grown directly on a carbon paper electrode. <i>Journal of Alloys and Compounds</i> , 2021, 869, 159265.	2.8	13
30	Communication Self-Doped Mesoporous Activated Carbon Prepared from Car Exhaust Exhibited Long Cycle Life and High Specific Capacitance for Supercapacitor Applications. <i>ECS Journal of Solid State Science and Technology</i> , 2021, 10, 071014.	0.9	1
31	Self-Doped Activated Carbons from Car Exhaust as High-Performance Supercapacitor Electrode Materials for Sustainable Energy Storage System. <i>Journal of the Electrochemical Society</i> , 2021, 168, 080535.	1.3	4
32	pH-Responsive Biocompatible Fluorescent Core-Shell Nanogel for Intracellular Imaging and Control Drug Release. <i>Particle and Particle Systems Characterization</i> , 2021, 38, 2100110.	1.2	1
33	Solid-State Synthesis of Titanium-Doped Binary Strontium-Copper Oxide as a High-Performance Electrochemical Pseudocapacitive Electrode Nanomaterial. <i>Energy &amp; Fuels</i> , 2021, 35, 16870-16881.	2.5	5
34	Architecture of superior hybrid electrode by the composition of Cu <sub>2</sub> O nanoflakes, novel cadmium ferrite (CdFe <sub>2</sub> O <sub>4</sub> ) nanoparticles, and g-C <sub>3</sub> N <sub>4</sub> sheets for symmetric and asymmetric supercapacitors. <i>Journal of Energy Storage</i> , 2021, 43, 103302.	3.9	37
35	Synthesis of novel Co <sub>3</sub> O <sub>4</sub> nanocubes-NiO octahedral hybrids for electrochemical energy storage supercapacitors. <i>Journal of Environmental Management</i> , 2021, 298, 113484.	3.8	26
36	A ratiometric fluorescent probe based on carbon dots and gold nanocluster encapsulated metal-organic framework for detection of cephalixin residues in milk. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 262, 120089.	2.0	41

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37	Self-assembled and highly faceted growth of Mo and V doped ZnO nanoflowers for high-performance supercapacitors. <i>Journal of Alloys and Compounds</i> , 2021, 886, 161234.	2.8	49
38	Boosting Electrically Actuated Manipulation of Water Droplets on Lubricated Surfaces through a Corona Discharge. <i>Langmuir</i> , 2021, 37, 400-405.	1.6	11
39	Bioinspired tailoring of nanoarchitected nickel sulfide@nickel permeated carbon composite as highly durable and redox chemistry enabled battery-type electrode for hybrid supercapacitors. <i>Journal of Materials Chemistry A</i> , 2021, 9, 25208-25219.	5.2	32
40	Functionalization of 0-D and 2-D carbon nitride nanostructures on bio-derived carbon spheres for sustainable electrochemical supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , 2021, 902, 115808.	1.9	2
41	Contactless Discharge-Driven Droplet Motion on a Nonslippery Polymer Surface. <i>Langmuir</i> , 2021, 37, 14697-14702.	1.6	4
42	Europium-Doped Y <sub>2</sub> O <sub>3</sub> -Coated Diatomite Nanomaterials: Hydrothermal Synthesis, Characterization, Optical Study with Enhanced Photocatalytic Performance. <i>Inorganics</i> , 2021, 9, 88.	1.2	4
43	Investigating the Impact of Ultrasonic Irradiation Power, Concentrations of Reactant, and Reaction Period on Morphology of Novel Nano Hg(II) Metal-Organic Coordination Polymer. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 1090-1098.	1.9	1
44	A new droplet breakup phenomenon in electrokinetic flow through a microchannel constriction. <i>Electrophoresis</i> , 2020, 41, 758-760.	1.3	1
45	AC dielectrophoretic deformable particle-particle interactions and their relative motions. <i>Electrophoresis</i> , 2020, 41, 952-958.	1.3	20
46	Effect of selenization temperature on the physical properties of Cu <sub>2</sub> SnSe <sub>3</sub> thin films. <i>Thin Solid Films</i> , 2020, 709, 138238.	0.8	4
47	The Influence of Electric Field Intensity and Particle Length on the Electrokinetic Transport of Cylindrical Particles Passing through Nanopore. <i>Micromachines</i> , 2020, 11, 722.	1.4	3
48	Scrutinizing the vital role of various ultraviolet irradiations on the comparative photocatalytic ozonation of albendazole and metronidazole: Integration and synergistic reactions mechanism. <i>Journal of Environmental Management</i> , 2020, 272, 111044.	3.8	10
49	Synthesis of Cu-Doped Mn <sub>3</sub> O <sub>4</sub> @Mn-Doped CuO Nanostructured Electrode Materials by a Solution Process for High-Performance Electrochemical Pseudocapacitors. <i>ACS Omega</i> , 2020, 5, 22356-22366.	1.6	39
50	Template-Based Synthesis of Hollow Nanotubular ZnO Structures and Nonlinear Electrical Properties under Field-Induced Trap-Assisted Tunneling. <i>Journal of Physical Chemistry C</i> , 2020, 124, 28371-28386.	1.5	4
51	Charge Properties and Electric Field Energy Density of Functional Group-Modified Nanoparticle Interacting with a Flat Substrate. <i>Micromachines</i> , 2020, 11, 1038.	1.4	6
52	Plasmon-Induced Hot Electron Amplification and Effective Charge Separation by Au Nanoparticles Sandwiched between Copper Titanium Phosphate Nanosheets and Improved Carbon Dioxide Conversion to Methane. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 18646-18660.	3.2	9
53	Sonochemical synthesis, crystal structure, and DFT calculation of an innovative nanosized Pb(II)-azido metal-organic coordination polymer as a precursor for preparation of PbO nanorod. <i>Chemical Papers</i> , 2020, 74, 3651-3660.	1.0	3
54	Risk Assessment of Cosmetics Using Triclosan on Future Generation's Germ Cell Maturation via Lactating Mother Rats. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1143.	1.2	7

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55	Cerium doped magnetite nanoparticles for highly sensitive detection of metronidazole via chemiluminescence assay. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 234, 118272.	2.0	135
56	Eu-doped ZnO nanoparticles: Sonochemical synthesis, characterization, and sonocatalytic application. <i>Ultrasonics Sonochemistry</i> , 2020, 67, 102822.	3.8	41
57	Promoting rebound of impinging viscoelastic droplets on heated superhydrophobic surfaces. <i>New Journal of Physics</i> , 2020, 22, 123001.	1.2	14
58	Sodium-Doped Binary Strontium-Copper Oxide as a High-Performance Electrochemical Pseudocapacitive Electrode Material. <i>Journal of the Electrochemical Society</i> , 2020, 167, 126516.	1.3	8
59	Scalable fabrication of carbon materials based silicon rubber for highly stretchable e-textile sensor. <i>Nanotechnology Reviews</i> , 2020, 9, 1183-1191.	2.6	13
60	Syntheses and Biological Activities of triazole-based Sulfonamides. <i>Current Organic Chemistry</i> , 2020, 23, 2319-2349.	0.9	10
61	Modern Catalysts in $\text{C}-\text{C}$ Coupling Reactions. <i>Current Organic Chemistry</i> , 2020, 23, 2783-2801.	0.9	12
62	Binary strontium-copper oxide nanostructures doped with potassium as electrode material for supercapacitor application. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 21269-21277.	1.1	15
63	The electrochemical performance and catalytic properties of Ytterbium substitution on Manganese oxide nanoparticles: BET study; preparation and characterization. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 18897-18909.	1.1	12
64	Biowaste-derived carbon black applied to polyaniline-based high-performance supercapacitor microelectrodes: Sustainable materials for renewable energy applications. <i>Electrochimica Acta</i> , 2019, 316, 202-218.	2.6	45
65	$\text{Ti}-\text{MnO}_2$ nanorod/boron nitride nanoplatelet composites for high-performance nanoscale dielectric pseudocapacitor applications. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 79, 115-123.	2.9	26
66	Hierarchically structured ternary heterojunctions based on $\text{Ce}^{3+}/\text{Ce}^{4+}$ modified $\text{Fe}_3\text{O}_4$ nanoparticles anchored onto graphene oxide sheets as magnetic visible-light-active photocatalysts for decontamination of oxytetracycline. <i>Journal of Hazardous Materials</i> , 2019, 376, 200-211.	6.5	284
67	Synthesis, kinetic study, and reaction mechanism: nucleophilic substitution reactions of butyl methyl chlorophosphate with substituted anilines and deuterated substituted anilines in acetonitrile. <i>Turkish Journal of Chemistry</i> , 2019, 43, 501-510.	0.5	0
68	A calcium doped binary strontium-copper oxide electrode material for high-performance supercapacitors. <i>Materials Science in Semiconductor Processing</i> , 2019, 90, 245-251.	1.9	19
69	Dielectrophoretic choking phenomenon in a converging-diverging microchannel for Janus particles. <i>Electrophoresis</i> , 2019, 40, 993-999.	1.3	18
70	A numerical study on viscoelastic droplet migration on a solid substrate due to wettability gradient. <i>Electrophoresis</i> , 2019, 40, 851-858.	1.3	4
71	Photo-assisted electrochemical abatement of trifluralin using a cathode containing a $\text{C}_{60}$ -carbon nanotubes composite. <i>Chemosphere</i> , 2018, 199, 510-523.	4.2	24
72	Dielectrophoretic choking phenomenon of a deformable particle in a converging-diverging microchannel. <i>Electrophoresis</i> , 2018, 39, 590-596.	1.3	32

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73	Superior peroxidase mimetic activity of tungsten disulfide nanosheets/silver nanoclusters composite: Colorimetric, fluorometric and electrochemical studies. <i>Journal of Colloid and Interface Science</i> , 2018, 515, 39-49.	5.0	35
74	The Mechanism of Size-Based Particle Separation by Dielectrophoresis in the Viscoelastic Flows. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2018, 140, .	0.8	37
75	Synthesis of Magnetic Fe <sub>3</sub> O <sub>4</sub> @polyethyleneimine.Mn(II) from Fe <sub>3</sub> O <sub>4</sub> , [3-(2,3-Epoxypropoxy)propyl]trimethoxysilane, Polyethyleneimine and Mn(II) Acetate as a Novel Silicon-Containing Polymeric Organic-Inorganic Hybrid Nanomaterial and Its Catalytic Investigation Towards the Oxidation of Cyclohexene, Ethyl Benzene and Toluene in the Presence of H <sub>2</sub> O <sub>2</sub> . <i>Silicon</i> , 2018, 10, 257-265.	1.8	13
76	Efficient and selective oxidation of alcohols in water employing palladium supported nanomagnetic Fe <sub>3</sub> O <sub>4</sub> @hyperbranched polyethylenimine (Fe <sub>3</sub> O <sub>4</sub> @HPEI.Pd) as a new organic-inorganic hybrid nanocatalyst. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3908.	1.7	23
77	Tetramethylguanidine-functionalized silica-coated iron oxide magnetic nanoparticles catalyzed one-pot three-component synthesis of furanone derivatives. <i>Journal of Chemical Sciences</i> , 2018, 130, 1.	0.7	11
78	A one-step ultrasound-assisted synthesis of erbium-substituted nanocrystalline Mn <sub>2</sub> O <sub>3</sub> and sonocatalytic degradation of azo dye. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 13667-13680.	1.1	4
79	Sonocatalytic Decolorization of Azo Dye by Ultrasound-Assisted Ytterbium-Substituted Mn <sub>2</sub> O <sub>3</sub> Nanocatalyst. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 2143-2153.	1.9	1
80	A Review on the Destruction of Environmentally Hazardous Chlorinated Aromatic Compounds in the Presence (or without) of Nanophotocatalysts. <i>Current Organic Chemistry</i> , 2018, 22, 1554-1572.	0.9	4
81	Regioselective and Stereoselective Addition of Tetrazole Derivatives to Electron-poor Acetylenic Esters in the Presence of Triphenylphosphine. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 55-64.	1.4	9
82	Ultrasound-assisted fabrication of a novel nickel(II)-bis-pyrazolyl borate two-nuclear discrete nano-structured coordination compound. <i>Ultrasonics Sonochemistry</i> , 2017, 34, 519-524.	3.8	27
83	Synthesis and characterization of nano-peanuts of lead(II) coordination polymer [Pb(qcnh)(NO <sub>3</sub> ) <sub>2</sub> ] <sub>n</sub> with ultrasonic assistance: A new precursor for the preparation of pure-phase nano-sized PbO. <i>Ultrasonics Sonochemistry</i> , 2017, 34, 255-261.	3.8	34
84	Synthesis and X-ray single crystal structure analysis of a new 2-chlorobenzyl ammonium salt of phosphonic acid. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017, 192, 638-642.	0.8	2
85	Efficient heat transfer enhancement by elastic turbulence with polymer solution in a curved microchannel. <i>Microfluidics and Nanofluidics</i> , 2017, 21, 1.	1.0	27
86	One-pot three-component syntheses of $\hat{\pm}$ -aminophosphonates from a primary amine, quinoline-4-carbaldehyde and a phosphite in the presence of MCM-41@PEI as an efficient nanocatalyst. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017, 192, 776-781.	0.8	17
87	Thermolysis synthesis of pure phase NiO from novel sonochemical synthesized Ni(II) nano metal-organic supramolecular architecture. <i>Ultrasonics Sonochemistry</i> , 2017, 37, 430-435.	3.8	22
88	Anilinolysis of <i>i</i> -butyl phenyl phosphonochloridothioate in acetonitrile: Synthesis, characterization, kinetic study, and reaction mechanism. <i>Journal of Physical Organic Chemistry</i> , 2017, 30, e3679.	0.9	1
89	Numerical simulation of heat transfer enhancement by elastic turbulence in a curvy channel. <i>Microfluidics and Nanofluidics</i> , 2017, 21, 1.	1.0	14
90	Green synthesis of Ni-Cu-Zn ferrite nanoparticles using tragacanth gum and their use as an efficient catalyst for the synthesis of polyhydroquinoline derivatives. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3823.	1.7	81

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91	Kinetic modeling of sonocatalytic performance of Gd-doped CdSe nanoparticles for degradation of Acid Blue 5. <i>Ultrasonics Sonochemistry</i> , 2017, 39, 344-353.	3.8	16
92	Facile synthesis, characterization and BET study of neodymium-doped spinel Mn <sub>3</sub> O <sub>4</sub> nanomaterial with enhanced photocatalytic activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 11654-11664.	1.1	10
93	A Nano Nickel (II) Metal-Organic Coordination Compound for Nano Nickel (II) Oxide: Sonochemical Synthesis and Characterization. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 1045-1052.	1.9	3
94	One-step preparation of nanostructured martite catalyst and graphite electrode by glow discharge plasma for heterogeneous electro-Fenton like process. <i>Journal of Environmental Management</i> , 2017, 199, 31-45.	3.8	33
95	Ultrasound-Assisted Synthesis of Novel Nano 3D Supramolecular Lead(II) Metal-Organic Coordination System: A New Precursor to Produce Nano Lead Oxide. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 827-834.	1.9	3
96	Ultrasound-Assisted Synthesis of a Novel Nano-Zigzag-Pattern Lead (II) Metal-Organic System: A New Precursor to Produce Nano-Sized PbO. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 552-561.	1.9	3
97	A novel scalable microfluidic load sensor based on electrokinetic phenomena. <i>Microfluidics and Nanofluidics</i> , 2017, 21, 1.	1.0	25
98	Electrotyping on a Carbon Nanoparticles-Filled Polymeric Film using Conducting Atomic Force Microscopy. <i>Advanced Materials</i> , 2017, 29, 1703079.	11.1	11
99	Improved electrochemical properties of morphology-controlled titania/titanate nanostructures prepared by in-situ hydrothermal surface modification of self-source Ti substrate for high-performance supercapacitors. <i>Scientific Reports</i> , 2017, 7, 13227.	1.6	51
100	Annealing-Free Synthesis of K-doped Mixed-Phase TiO <sub>2</sub> Nanofibers on Ti Foil for Electrochemical Supercapacitor. <i>Electrochimica Acta</i> , 2017, 253, 563-571.	2.6	28
101	Crystal Structure, Spectroscopic and DFT Studies on E and Z Isomers of Ethyl 2-(2,3-dioxo-2,3-dihydro-1H-indol-1-yl)-3-phenyl-2-propenoate. <i>Journal of Chemical Crystallography</i> , 2017, 47, 198-207.	0.5	1
102	Template-free synthesis of two-dimensional titania/titanate nanosheets as electrodes for high-performance supercapacitor applications. <i>Journal of Power Sources</i> , 2017, 372, 227-234.	4.0	33
103	Giant Slip Induced Anomalous Dewetting of an Ultrathin Film on a Viscous Sublayer. <i>Scientific Reports</i> , 2017, 7, 14776.	1.6	3
104	Novel Visible Light Photocatalyst Based on Holmium-Doped Cadmium Sulfide: Synthesis, Characterization and Kinetics Study. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 1-12.	1.9	9
105	Synthesis, Characterization, and Catalytic Performance of Sb <sub>2</sub> Se <sub>3</sub> Nanorods. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-8.	1.5	8
106	Magnetite Polycitric Acid (Fe <sub>3</sub> O <sub>4</sub> @PCA) Nanoparticles: A Novel, Efficient and Reusable Solid Acid Catalyst for the Preparation of Polyhydroquinolines. <i>Letters in Organic Chemistry</i> , 2017, 14, .	0.2	5
107	Nanoreactors Technology in Green Organic Synthesis. <i>Current Organic Synthesis</i> , 2017, 14, 810-864.	0.7	18
108	Applications of nanoparticle systems in gene delivery and gene therapy. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 581-587.	1.9	21

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109	Deformability-Based Electrokinetic Particle Separation. <i>Micromachines</i> , 2016, 7, 170.	1.4	17
110	An Enhanced Electroosmotic Micromixer with an Efficient Asymmetric Lateral Structure. <i>Micromachines</i> , 2016, 7, 218.	1.4	45
111	Preparation and Characterization of $\text{MCM}@\text{PEI}-\text{Mn}$ as a New Organic-Inorganic Hybrid Nanomaterial and Study of its Catalytic Role in the Oxidation of Cyclohexene, Ethyl Benzene, and Toluene in the Presence of $\text{H}_2\text{O}_2$ as an Oxidant. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 529-537.	1.0	8
112	Four-component synthesis of ferrocene-containing 1,3,4-oxadiazoles from N-isocyaniminotriphenylphosphorane ( $\text{Ph}_3\text{PNNC}$ ), a primary amine, a cyclic ketone and ferrocene carboxylic acid. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 1402-1407.	0.8	3
113	Preparation of nanostructured pyrite with $\text{N}_2$ glow discharge plasma and the study of its catalytic performance in the heterogeneous Fenton process. <i>New Journal of Chemistry</i> , 2016, 40, 5221-5230.	1.4	24
114	Heterogeneous sono-Fenton process using pyrite nanorods prepared by non-thermal plasma for degradation of an anthraquinone dye. <i>Ultrasonics Sonochemistry</i> , 2016, 32, 357-370.	3.8	72
115	Direct patterning of conductive carbon nanotube/polystyrene sulfonate composites via electrohydrodynamic jet printing for use in organic field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2016, 4, 4912-4919.	2.7	49
116	Nonstoichiometry-Induced Enhancement of Electrochemical Capacitance in Anodic $\text{TiO}_2$ Nanotubes with Controlled Pore Diameter. <i>Journal of Physical Chemistry C</i> , 2016, 120, 9569-9580.	1.5	25
117	Preparation of a Novel Nano-scale Lead (II) Zig-Zag Metal-Organic Coordination Polymer with Ultrasonic Assistance: Synthesis, Crystal Structure, Thermal Properties, and NBO Analysis of $[\text{Pb}(\text{I}^{\frac{1}{4}}\text{-2-pinh})\text{N}_3\text{H}_2\text{O}]_n$ . <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2016, 26, 819-828.	1.9	28
118	One-step multiplexed detection of foodborne pathogens: Combining a quantum dot-mediated reverse assaying strategy and magnetic separation. <i>Biosensors and Bioelectronics</i> , 2016, 86, 996-1002.	5.3	46
119	Synthesis of amorphous manganese oxide nanoparticles to crystalline nanorods through a simple wet-chemical technique using $\text{K}^+$ ions as a "growth director" and their morphology-controlled high performance supercapacitor applications. <i>RSC Advances</i> , 2016, 6, 78887-78908.	1.7	41
120	A $\text{Ca}^{2+}$ selective membrane electrode based on calcium-imprinted polymeric nanoparticles. <i>New Journal of Chemistry</i> , 2016, 40, 8479-8487.	1.4	25
121	A new hydrogen cyanide chemiresistor gas sensor based on graphene quantum dots. <i>International Journal of Environmental Analytical Chemistry</i> , 2016, 96, 763-775.	1.8	16
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