

# Sungjin Park

## List of Publications by Citations

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124  
papers

36,891  
citations

43  
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128  
ext. papers

39,152  
ext. citations

8.4  
avg, IF

7.54  
L-index

#	Paper	IF	Citations
124	The chemistry of graphene oxide. <i>Chemical Society Reviews</i> , <b>2010</b> , 39, 228-40	57.5	8607
123	Graphene-based ultracapacitors. <i>Nano Letters</i> , <b>2008</b> , 8, 3498-502	11.3	6716
122	Chemical methods for the production of graphenes. <i>Nature Nanotechnology</i> , <b>2009</b> , 4, 217-24	28	5442
121	Chemical analysis of graphene oxide films after heat and chemical treatments by X-ray photoelectron and Micro-Raman spectroscopy. <i>Carbon</i> , <b>2009</b> , 47, 145-152	10.1	2584
120	Graphene oxide papers modified by divalent ions-enhancing mechanical properties via chemical cross-linking. <i>ACS Nano</i> , <b>2008</b> , 2, 572-8	16.4	1405
119	Colloidal suspensions of highly reduced graphene oxide in a wide variety of organic solvents. <i>Nano Letters</i> , <b>2009</b> , 9, 1593-7	11.3	1368
118	Hydrazine-reduction of graphite- and graphene oxide. <i>Carbon</i> , <b>2011</b> , 49, 3019-3023	10.1	1179
117	Synthesis and solid-state NMR structural characterization of <sup>13</sup> C-labeled graphite oxide. <i>Science</i> , <b>2008</b> , 321, 1815-7	32.2	991
116	Aqueous Suspension and Characterization of Chemically Modified Graphene Sheets. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 6592-6594	9.5	830
115	All-organic vapor sensor using inkjet-printed reduced graphene oxide. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 2154-7	16.1	748
114	Generation of B-doped graphene nanoplatelets using a solution process and their supercapacitor applications. <i>ACS Nano</i> , <b>2013</b> , 7, 19-26	16.4	467
113	Graphene Oxide Sheets Chemically Cross-Linked by Polyallylamine. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 15801-15804	3.7	441
112	Microporous carbon nanoplates from regenerated silk proteins for supercapacitors. <i>Advanced Materials</i> , <b>2013</b> , 25, 1993-8	23.6	419
111	Thin Film Fabrication and Simultaneous Anodic Reduction of Deposited Graphene Oxide Platelets by Electrophoretic Deposition. <i>Journal of Physical Chemistry Letters</i> , <b>2010</b> , 1, 1259-1263	6.3	384
110	Simultaneous Reduction and Surface Functionalization of Graphene Oxide by Mussel-Inspired Chemistry. <i>Advanced Functional Materials</i> , <b>2011</b> , 21, 108-112	15.4	360
109	Biocompatible, robust free-standing paper composed of a TWEEN/graphene composite. <i>Advanced Materials</i> , <b>2010</b> , 22, 1736-40	23.6	336
108	Polymer Brushes via Controlled, Surface-Initiated Atom Transfer Radical Polymerization (ATRP) from Graphene Oxide. <i>Macromolecular Rapid Communications</i> , <b>2010</b> , 31, 281-8	4.6	318

107	Toward practical gas sensing with highly reduced graphene oxide: a new signal processing method to circumvent run-to-run and device-to-device variations. <i>ACS Nano</i> , <b>2011</b> , 5, 1154-64	16.4	309
106	Chemical structures of hydrazine-treated graphene oxide and generation of aromatic nitrogen doping. <i>Nature Communications</i> , <b>2012</b> , 3, 638	16.9	296
105	Effect of Water Vapor on Electrical Properties of Individual Reduced Graphene Oxide Sheets. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 20264-20268	3.7	289
104	Graphene-based actuators. <i>Small</i> , <b>2010</b> , 6, 210-2	10.8	233
103	Direct exfoliation and dispersion of two-dimensional materials in pure water via temperature control. <i>Nature Communications</i> , <b>2015</b> , 6, 8294	16.9	216
102	NMR-based structural modeling of graphite oxide using multidimensional <sup>13</sup> C solid-state NMR and ab initio chemical shift calculations. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 5672-6	16	195
101	Effects of sulfur doping on graphene-based nanosheets for use as anode materials in lithium-ion batteries. <i>Journal of Power Sources</i> , <b>2014</b> , 262, 79-85	8.8	179
100	Graphene-wrapped and cobalt oxide-intercalated hybrid for extremely durable super-capacitor with ultrahigh energy and power densities. <i>Carbon</i> , <b>2014</b> , 79, 192-202	10.1	138
99	Facile, noncovalent decoration of graphene oxide sheets with nanocrystals. <i>Nano Research</i> , <b>2009</b> , 2, 192-200	9.9	135
98	Defect-engineered three-dimensional graphene-nanotube-palladium nanostructures with ultrahigh capacitance. <i>ACS Nano</i> , <b>2012</b> , 6, 10562-70	16.4	122
97	Electrogenerated chemiluminescence of partially oxidized highly oriented pyrolytic graphite surfaces and of graphene oxide nanoparticles. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 937-9	16	102
96	Retina-Inspired Carbon Nitride-Based Photonic Synapses for Selective Detection of UV Light. <i>Advanced Materials</i> , <b>2020</b> , 32, e1906899	23.6	90
95	Large-area graphene films by simple solution casting of edge-selectively functionalized graphite. <i>ACS Nano</i> , <b>2011</b> , 5, 4974-80	16.4	84
94	All-Organic Vapor Sensor Using Inkjet-Printed Reduced Graphene Oxide. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 2200-2203	3.5	81
93	Scalable functionalized graphene nano-platelets as tunable cathodes for high-performance lithium rechargeable batteries. <i>Scientific Reports</i> , <b>2013</b> , 3, 1506	4.7	78
92	Coordination Chemistry of [Co(acac) <sub>2</sub> ] with N-Doped Graphene: Implications for Oxygen Reduction Reaction Reactivity of Organometallic Co-O <sub>4</sub> -N Species. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 12622-6	16.1	77
91	The effect of concentration of graphene nanoplatelets on mechanical and electrical properties of reduced graphene oxide papers. <i>Carbon</i> , <b>2012</b> , 50, 4573-4578	10.1	75
90	Integration of reduced graphene oxide into organic field-effect transistors as conducting electrodes and as a metal modification layer. <i>Applied Physics Letters</i> , <b>2009</b> , 95, 023304	3.3	75

89	Oxidized carbon nitrides: water-dispersible, atomically thin carbon nitride-based nanodots and their performances as bioimaging probes. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 6241-6	4.6	74
88	Non-Cp type homogeneous catalytic systems for olefin polymerization. <i>Journal of Organometallic Chemistry</i> , <b>2004</b> , 689, 4263-4276	2.2	67
87	Synthesis of <sup>13</sup> C-, <sup>15</sup> N-Labeled Graphitic Carbon Nitrides and NMR-Based Evidence of Hydrogen-Bonding Assisted Two-Dimensional Assembly. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 5080-5089	9.5	64
86	CO <sub>2</sub> -activated, hierarchical trimodal porous graphene frameworks for ultrahigh and ultrafast capacitive behavior. <i>Nanoscale</i> , <b>2014</b> , 6, 5296-302	7.5	61
85	New insight of the photocatalytic behaviors of graphitic carbon nitrides for hydrogen evolution and their associations with grain size, porosity, and photophysical properties. <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 218, 349-358	21.7	55
84	Graphene oxide-assisted production of carbon nitrides using a solution process and their photocatalytic activity. <i>Carbon</i> , <b>2014</b> , 66, 119-125	10.1	49
83	Molecularly dispersed nickel-containing species on the carbon nitride network as electrocatalysts for the oxygen evolution reaction. <i>Carbon</i> , <b>2017</b> , 124, 180-187	10.1	45
82	Pristine Multiwalled Carbon Nanotube/Polyethylene Nanocomposites by Immobilized Catalysts. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 4588-4594	9.5	43
81	Borane-modified graphene-based materials as CO <sub>2</sub> adsorbents. <i>Carbon</i> , <b>2014</b> , 79, 450-456	10.1	42
80	Carbon Nanotubes as a Ligand in Cp <sub>2</sub> ZrCl <sub>2</sub> -Based Ethylene Polymerization. <i>Macromolecular Rapid Communications</i> , <b>2006</b> , 27, 47-50	4.6	42
79	Production of novel FeOOH/reduced graphene oxide hybrids and their performance as oxygen reduction reaction catalysts. <i>Carbon</i> , <b>2014</b> , 80, 127-134	10.1	35
78	Generation of ultra-high-molecular-weight polyethylene from metallocenes immobilized onto N-doped graphene nanoplatelets. <i>Macromolecular Rapid Communications</i> , <b>2013</b> , 34, 533-8	4.6	35
77	Production of Ultrahigh-Molecular-Weight Polyethylene/Pristine MWCNT Composites by Half-Titanocene Catalysts. <i>Advanced Materials</i> , <b>2009</b> , 21, 902-905	23.6	34
76	Thin PEGylated Carbon Nitrides: Water-Dispersible Organic Nanodots as Bioimaging Probes. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 3506-3511	4.6	25
75	Finely tuning oxygen functional groups of graphene materials and optimizing oxygen levels for capacitors. <i>RSC Advances</i> , <b>2014</b> , 4, 36377	3.6	25
74	Synthesis and characterization of chemically modified graphenes. <i>Current Opinion in Colloid and Interface Science</i> , <b>2015</b> , 20, 322-328	7.4	23
73	Solvothermal reduction of graphene oxide in dimethylformamide. <i>Solid State Sciences</i> , <b>2016</b> , 61, 40-43	3.4	22
72	CNT branching of three-dimensional steam-activated graphene hybrid frameworks for excellent rate and cyclic capabilities to store lithium ions. <i>Carbon</i> , <b>2017</b> , 116, 500-509	10.1	22

71	Synthesis of boron and nitrogen co-doped graphene nano-platelets using a two-step solution process and catalytic properties for oxygen reduction reaction. <i>Solid State Sciences</i> , <b>2014</b> , 33, 1-5	3.4	21
70	Metal-free N-doped carbon blacks as excellent electrocatalysts for oxygen reduction reactions. <i>Carbon</i> , <b>2019</b> , 145, 481-487	10.1	20
69	Electrocatalytic performances of N-doped graphene with anchored iridium species in oxygen reduction reaction. <i>2D Materials</i> , <b>2015</b> , 2, 034019	5.7	19
68	Electrocatalytic performances of heteroatom-containing functionalities in N-doped reduced graphene oxides. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2016</b> , 42, 149-156	6.2	19
67	Production of P, N Co-doped Graphene-Based Materials by a Solution Process and Their Electrocatalytic Performance for Oxygen Reduction Reaction. <i>ChemNanoMat</i> , <b>2018</b> , 4, 118-123	3.5	17
66	Protein ubiquitination and formation of polyubiquitin chains without ATP, E1 and E2 enzymes. <i>Chemical Science</i> , <b>2015</b> , 6, 1770-1779	9.1	17
65	One-Pot Self-Assembled, Reduced Graphene Oxide/Palladium Nanoparticle Hybrid Aerogels for Electrocatalytic Applications. <i>Electrochimica Acta</i> , <b>2015</b> , 180, 902-908	6.7	16
64	Salting-out as a scalable, in-series purification method of graphene oxides from microsheets to quantum dots. <i>Carbon</i> , <b>2013</b> , 63, 45-53	10.1	16
63	Cobalt-Based Active Species Molecularly Immobilized on Carbon Nanotubes for the Oxygen Reduction Reaction. <i>ChemSusChem</i> , <b>2017</b> , 10, 3473-3481	8.2	16
62	Production of Metal-Free Composites Composed of Graphite Oxide and Oxidized Carbon Nitride Nanodots and Their Enhanced Photocatalytic Performances. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 5142-5	4.6	15
61	Colloidal suspensions of N-modified graphene nano-platelets in water and organic solvent/water mixed systems. <i>Solid State Sciences</i> , <b>2014</b> , 27, 1-4	3.4	15
60	Solution-processable conductive micro-hydrogels of nanoparticle/graphene platelets produced by reversible self-assembly and aqueous exfoliation. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 12900	12.8	15
59	Effect of flow-field structure on discharging and charging behavior of hydrogen/bromine redox flow batteries. <i>Electrochimica Acta</i> , <b>2017</b> , 230, 160-173	6.7	15
58	UbFluor: A Mechanism-Based Probe for HECT E3 Ligases. <i>Chemical Science</i> , <b>2016</b> , 7, 5587-5595	9.1	13
57	Thickness-dependent photocatalytic performance of graphite oxide for degrading organic pollutants under visible light. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 10882-6	3.5	13
56	Residual acetone produces explosives during the production of graphite oxide. <i>Carbon</i> , <b>2012</b> , 50, 1442-1444	12.8	12
55	Fine tuning of Fermi level by charged impurity-defect cluster formation and thermoelectric properties in n-type PbTe-based compounds. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 16488-16500	12.8	12
54	Electrochemistry of Layered Graphitic Carbon Nitride Synthesised from Various Precursors: Searching for Catalytic Effects. <i>ChemPhysChem</i> , <b>2016</b> , 17, 481-8	3.1	12

53	Hybrid-Functional and Quasi-Particle Calculations of Band Structures of Mg <sub>2</sub> Si, Mg <sub>2</sub> Ge, and Mg <sub>2</sub> Sn. <i>Journal of the Korean Physical Society</i> , <b>2019</b> , 75, 144-152	0.5	10
52	Dramatic Change of Morphological, Photophysical, and Photocatalytic H <sub>2</sub> Evolution Properties of C <sub>3</sub> N <sub>4</sub> Materials by the Removal of Carbon Impurities. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 4812-4820	6	10
51	Facile mass production of thermally reduced graphene oxide. <i>Carbon Letters</i> , <b>2012</b> , 13, 48-50	2.3	10
50	Structural insights into photocatalytic performance of carbon nitrides for degradation of organic pollutants. <i>Journal of Solid State Chemistry</i> , <b>2018</b> , 258, 559-565	3.3	9
49	Solution-based production of graphene nano-platelets containing extremely low amounts of heteroatoms. <i>Solid State Sciences</i> , <b>2013</b> , 25, 1-5	3.4	9
48	Photonic Synapses: Retina-Inspired Carbon Nitride-Based Photonic Synapses for Selective Detection of UV Light (Adv. Mater. 11/2020). <i>Advanced Materials</i> , <b>2020</b> , 32, 2070080	23.6	9
47	Acid-activated carbon nitrides as photocatalysts for degrading organic pollutants under visible light. <i>Chemosphere</i> , <b>2021</b> , 273, 129731	8.4	9
46	Effect of degree of reduction on the anode performance of reduced graphene oxide in Li-ion batteries. <i>RSC Advances</i> , <b>2015</b> , 5, 86237-86241	3.6	8
45	Coordination Chemistry of [Co(acac) <sub>2</sub> ] with N-Doped Graphene: Implications for Oxygen Reduction Reaction Reactivity of Organometallic Co-O <sub>4</sub> -N Species. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 12813-12817	3.5	8
44	Coordination structure of Jacobsen catalyst with N-modified graphene and their electrocatalytic properties for reducing oxygen molecules. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 263, 118337	21.7	8
43	Immobilization of Ti(OiPr) <sub>4</sub> onto silicon oxide surfaces and surface-initiated polymerization of $\epsilon$ -caprolactone. <i>Journal of Polymer Science Part A</i> , <b>2006</b> , 44, 3711-3716	2.4	8
42	Electrical and mechanical properties of polyethylene/MWCNT composites produced by polymerization using Cp <sub>2</sub> ZrCl <sub>2</sub> supported on MWCNTs. <i>Macromolecular Research</i> , <b>2015</b> , 23, 713-718	1.9	7
41	Novel Dinuclear Half-Titanocene-Producing Styrene/Ethylene Copolymers Containing Syndiotactic Styrene/Styrene Sequences. <i>Macromolecular Chemistry and Physics</i> , <b>2011</b> , 212, 785-789	2.5	7
40	Dinuclear Metallocenes with a Modulated Biphenylene Bridge for Olefin Polymerization. <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 537-545	2.3	7
39	Synthesis, characterization, and ethylene polymerizations of various N $\pi$ chelated mono Cp* titanium complexes. <i>Journal of Organometallic Chemistry</i> , <b>2007</b> , 692, 1633-1640	2.2	7
38	Control of CO Capture Process on Transition-Metal-Porphyrin-like Graphene with Mechanical Strain. <i>ACS Omega</i> , <b>2018</b> , 3, 10554-10563	3.8	6
37	Preparation of silicon nanoball encapsulated with graphene shell by CVD and electroless plating process. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2017</b> , 50, 115-122	6.2	6
36	The Effect of KOH Treatment on the Chemical Structure and Electrocatalytic Activity of Reduced Graphene Oxide Materials. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 11435-40	4.6	5

35	Control of oxygen content of n-type Bi <sub>2</sub> Te <sub>3</sub> based compounds by sintering process and their thermoelectric properties. <i>Materials Letters</i> , <b>2018</b> , 230, 211-214	3.2	5
34	Electrocatalysts composed of a Co(acetylacetonate) <sub>2</sub> molecule and refluxed graphene oxide for an oxygen reduction reaction. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 6203-6209	3.5	5
33	4He adsorption on a H(2)-plated C <sub>20</sub> molecular surface: the formation of helium buckyballs. <i>Physical Review E</i> , <b>2014</b> , 89, 042118	2.4	5
32	Mechanism-based small molecule cross-linkers of HECT E3 ubiquitin ligase-substrate pairs. <i>Biochemistry</i> , <b>2012</b> , 51, 8327-9	3.1	5
31	Production of NiO/N-doped carbon hybrid and its electrocatalytic performance for oxygen evolution reactions. <i>Carbon Letters</i> , <b>2020</b> , 30, 485-491	2.3	5
30	Native point defects and low p-doping efficiency in Mg <sub>2</sub> (Si,Sn) solid solutions: A hybrid-density functional study. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 853, 157145	5.6	5
29	Mechanistic Study of Half-titanocene-based Reductive Pinacol Coupling Reaction. <i>Bulletin of the Korean Chemical Society</i> , <b>2011</b> , 32, 3973-3978	1.2	5
28	Well-dispersed Pt nanoparticles on borane-modified graphene oxide and their electrocatalytic performance for oxygen reduction reaction. <i>Journal of Solid State Chemistry</i> , <b>2019</b> , 271, 168-174	3.3	4
27	Anisotropic superfluidity of (4)He on a C <sub>36</sub> fullerene molecule. <i>Journal of Chemical Physics</i> , <b>2015</b> , 143, 104311	3.8	4
26	Photophysical properties of noncovalently functionalized multi-walled carbon nanotubes with poly-para-hydroxystyrene. <i>Carbon</i> , <b>2008</b> , 46, 714-716	10.1	4
25	Production of C, N Alternating 2D Materials Using Covalent Modification and Their Electroluminescence Performance. <i>Small Science</i> , <b>2021</b> , 1, 2000042		4
24	Ni-O <sub>4</sub> species anchored on N-doped graphene-based materials as molecular entities and electrocatalytic performances for oxygen reduction reaction. <i>Solid State Sciences</i> , <b>2017</b> , 74, 56-61	3.4	3
23	Production of N-doped Reduced Graphene Oxide/Fe <sub>3</sub> O <sub>4</sub> Hybrids and Effect of Order of Production Steps on Electrocatalytic Performances for Oxygen Reduction Reaction. <i>ChemistrySelect</i> , <b>2018</b> , 3, 12690-12695 <sup>1,8</sup>		3
22	Interlayer correlation between two He <sub>4</sub> monolayers adsorbed on both sides of Egraphyne. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	3
21	Production of B-doped reduced graphene oxide using wet-process in tetrahydrofuran. <i>Carbon Letters</i> , <b>2020</b> , 31, 887	2.3	3
20	Thermoelectric Properties of Off-Stoichiometric Bi <sub>2</sub> Te <sub>2</sub> Se Compounds. <i>Journal of Electronic Materials</i> , <b>2020</b> , 49, 5308-5316	1.9	3
19	On the relevance of point defects for the selection of contacting electrodes: Ag as an example for Mg <sub>2</sub> (Si,Sn)-based thermoelectric generators. <i>Materials Today Physics</i> , <b>2021</b> , 16, 100309	7.8	3
18	Effect of defect interactions with interstitial Ag in the lattice of Bi <sub>x</sub> Sb <sub>2-x</sub> Te <sub>3</sub> alloys and their thermoelectric properties. <i>Applied Physics Letters</i> , <b>2021</b> , 118, 052102	3.3	2

17	In-situ generation of a well-dispersed multiwall carbon nanotube/syndiotactic polystyrene composite using pentamethylcyclopentadienyltitanium trimethoxide anchored to multiwall carbon nanotubes. <i>Polymer</i> , <b>2012</b> , 53, 933-938	3.8	2
16	Production of Metal-Free C, N Alternating Nanoplatelets and Their In Vivo Fluorescence Imaging Performance without Labeling. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2004800	15.4	2
15	Ni Nanoparticles on Ni Core/N-Doped Carbon Shell Heterostructures for Electrocatalytic Oxygen Evolution. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 9418-9429	5.5	2
14	Large-scale graphene-based composite films for flexible transparent electrodes fabricated by electro spray deposition. <i>Materials Research Express</i> , <b>2014</b> , 1, 046404	1.6	1
13	Tunable Red-Yellow Coloration of FeOOH Pigments by Coating and Controlling Morphology. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2017</b> , 17, 3424-3429	1.2	1
12	PU-RGO Composite; Effect of Chain Extender Structure on Properties. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2017</b> , 17, 7480-7484	1.2	0
11	Entropy stabilized off-stoichiometric cubic Cu <sub>1-x</sub> phase containing high-density Cu vacancies. <i>AIP Advances</i> , <b>2021</b> , 11, 095018	1.5	
10	Production of Fe <sub>3</sub> C/N-doped carbon hybrid and its electrocatalytic performance for oxygen evolution reactions. <i>Carbon Letters</i> , 1	2.3	
9	Water-assisted formation of amine-bridged carbon nitride: A structural insight into the photocatalytic performance for H <sub>2</sub> evolution under visible light. <i>Applied Catalysis B: Environmental</i> , <b>2022</b> , 310, 121313	21.7	0
8	Effect of microstructure on thermoelectric conversion efficiency in metastable phase AgSbTe <sub>2</sub> . <i>Acta Materialia</i> , <b>2021</b> , 222, 117443	8.3	0
7	PU-Graphene Oxide Composite; Effect of Various Chain Extender on Properties. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2017</b> , 17, 2541-544	1.2	
6	4He adsorption on a single C <sub>40</sub> molecule: Path integral Monte Carlo study. <i>Journal of the Korean Physical Society</i> , <b>2018</b> , 72, 95-100	0.5	
5	Preparation of Graphene Encapsulated Silicon Nanoball. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2016</b> , 16, 1756-60	1.2	
4	Path-integral Monte Carlo study of asymmetric quantum quadrupolar rotors with fourth-order propagators. <i>Journal of the Korean Physical Society</i> , <b>2012</b> , 61, 513-517	0.5	
3	Anomalous ferromagnetism in manganites by finite block spin phenomenology. <i>Solid State Communications</i> , <b>2010</b> , 150, 2178-2181	1.6	
2	Structural Analysis, Phase Stability, Electronic Band Structures, and Electric Transport Types of (Bi <sub>2</sub> ) <sub>m</sub> (Bi <sub>2</sub> Te <sub>3</sub> ) <sub>n</sub> by Density Functional Theory Calculations. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 11341 <sup>5</sup>	2.5	
1	Luminescence Quenching of a Novel Phosphorescent Ir(III) Complex/MWCNT Hybrid. <i>Bulletin of the Korean Chemical Society</i> , <b>2012</b> , 33, 1367-1370	1.2	