

Sung-Hoon Kim

List of Publications by Year in descending order

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papers

177
citations

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docs citations

30
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Novel blue-emitting Eu ²⁺ -activated LaOCl:Eu materials. <i>Journal of Materials Chemistry C</i> , 2014, 2, 2799.	5.5	30
2	Effects of the Carbon Fiber-Carbon Microcoil Hybrid Formation on the Effectiveness of Electromagnetic Wave Shielding on Carbon Fibers-Based Fabrics. <i>Materials</i> , 2018, 11, 2344.	2.9	17
3	Large-Scale Synthesis of the Controlled-Geometry Carbon Coils by the Manipulation of the SF ₆ Gas Flow Injection Time. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 4397-4402.	0.9	15
4	Enhancement of shielding effectiveness for electromagnetic wave radiation using carbon nanocoil-carbon microcoil hybrid materials. <i>Applied Surface Science</i> , 2019, 477, 264-270.	6.1	14
5	Electromagnetic Wave Shielding Effectiveness Based on Carbon Microcoil-Polyurethane Composites. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-6.	2.7	12
6	Effect of Injection Stage of SF ₆ flow on Carbon Micro Coils Formation. <i>ECS Journal of Solid State Science and Technology</i> , 2013, 2, M56-M59.	1.8	11
7	Effect of the On/Off Cyclic Modulation Time Ratio of C ₂ H ₂ /H ₂ Flow on the Low Temperature Deposition of Carbon Nanofilaments. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 3969-3973.	0.9	9
8	Effect of incorporating carbon nanocoils on the efficiency of electromagnetic-wave shielding of carbon-nanomaterial composites. <i>Applied Surface Science</i> , 2016, 380, 114-118.	6.1	9
9	Reduction intermediates of graphene oxide for low temperature reduction electrode material. <i>RSC Advances</i> , 2014, 4, 22476-22480.	3.6	8
10	Controllable synthesis of carbon-nanocoil-carbon-microcoil hybrid materials. <i>Materials and Design</i> , 2017, 116, 42-50.	7.0	7
11	Effect of the on/off Cycling Modulation Time Ratio of / Flows on the Formation of Geometrically Controlled Carbon Coils. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-6.	2.7	6
12	Effect of SF ₆ incorporation in the cyclic process on the low temperature deposition of carbon nanofilaments. <i>Thin Solid Films</i> , 2010, 518, 6412-6416.	1.8	5
13	Effect of Gas Phase Composition Cycling On/Off Modulation Numbers of C ₂ H ₂ /SF ₆ Flows on the Formation of Geometrically Controlled Carbon Coils. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 6100-6106.	0.9	5
14	Development of the geometry of carbon microcoils from carbon nanofilaments. <i>Vacuum</i> , 2014, 107, 219-224.	3.5	4
15	Formation of noble-shaped carbon nanostructures. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015, 82, 179-186.	1.6	4
16	Effect of Si and SiO ₂ Substrates on the Geometries of As-Grown Carbon Coils. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-8.	2.7	3
17	Effectiveness of Electromagnetic-Wave Shielding by Composites of Carbon Nanotubes and Carbon Microcoils in Polyurethane. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 9131-9135.	0.9	3
18	Enhancement of Electromagnetic Wave Shielding Effectiveness of Carbon Fibers via Chemical Composition Transformation Using H ₂ Plasma Treatment. <i>Nanomaterials</i> , 2020, 10, 1611.	4.1	3

#	ARTICLE	IF	CITATIONS
19	Cellulose-derived flexible carbonized paper for high-performance electromagnetic interference shielding. Carbon Trends, 2021, 5, 100085.	3.0	3
20	Enhancement in Electromagnetic Wave Shielding Effectiveness through the Formation of Carbon Nanofiber Hybrids on Carbon-Based Nonwoven Fabrics. Nanomaterials, 2021, 11, 2910.	4.1	3
21	Developing Aspect of Carbon Coils Formation During the Beginning Stage of the Process. Journal of Nanoscience and Nanotechnology, 2013, 13, 5754-5758.	0.9	2
22	Investigation of SF ₆ Injection During Cyclic C ₂ H ₂ /H ₂ /SF ₆ Flow for the Formation of Geometrically Controlled Carbon Coils. Journal of Nanoscience and Nanotechnology, 2014, 14, 9182-9188.	0.9	2
23	Controlled Geometry Formation of the Carbon Coils by the Substrate Pretreatment. ISRN Nanomaterials, 2013, 2013, 1-8.	0.7	2
24	Enhancement of Carbon Nanofilaments Formation Density and the Surface Electrical Conductivity by the Gas Phase Composition Cycling. Molecular Crystals and Liquid Crystals, 2009, 513, 179-186.	0.9	0
25	The Geometry Variation of As-Grown Carbon Coils with Ni Layer Thickness and Hydrogen Plasma Pretreatment. Journal of Nanomaterials, 2013, 2013, 1-8.	2.7	0
26	Enhanced Formation of Carbon Microcoils with Different-Sized Ni Catalyst by Different Injection Gas Sequence. ECS Transactions, 2017, 75, 53-62.	0.5	0
27	Enhanced Formation of Carbon Microcoils with Ni Catalysts of Different Sizes. ECS Journal of Solid State Science and Technology, 2017, 6, M103-M108.	1.8	0
28	Geometry-Controlled Carbon Coils by SF ₆ Flow Injection Time with Reaction Temperature. Journal of Nanomaterials, 2018, 2018, 1-11.	2.7	0
29	Dominant Formation of Carbon Nano or Microcoils By the Manipulation of SF ₆ Injection Flow. ECS Meeting Abstracts, 2016, , .	0.0	0
30	Enhanced Formation of Carbon Microcoils Having Different-Sized Ni Catalyst By Different Injection Gas Sequence. ECS Meeting Abstracts, 2016, , .	0.0	0