# Sung-Hoon Kim

List of Publications by Year
in descending order

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| 30 | 177 | 1163117 8 | 1199594 12 |
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| papers | citations | h-index | g-index |

| 30 | 30 | 30 | 178 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Cellulose-derived flexible carbonized paper for high-performance electromagnetic interference shielding. Carbon Trends, 2021, 5, 100085. | 3.0 | 3 |
| 2 | 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 |
| 3 | Enhancement of Electromagnetic Wave Shielding Effectiveness of Carbon Fibers via Chemical Composition Transformation Using H2 Plasma Treatment. Nanomaterials, 2020, 10, 1611. | 4.1 | 3 |
| 4 | Enhancement of shielding effectiveness for electromagnetic wave radiation using carbon nanocoil-carbon microcoil hybrid materials. Applied Surface Science, 2019, 477, 264-270. | 6.1 | 14 |
| 5 | Effects of the Carbon Fiber-Carbon Microcoil Hybrid Formation on the Effectiveness of Electromagnetic Wave Shielding on Carbon Fibers-Based Fabrics. Materials, 2018, 11, 2344. | 2.9 | 17 |
| 6 | Geometry-Controlled Carbon Coils by SF6 Flow Injection Time with Reaction Temperature. Journal of Nanomaterials, 2018, 2018, 1-11. | 2.7 | 0 |
| 7 | Enhanced Formation of Carbon Microcoils with Different-Sized Ni Catalyst by Different Injection Gas Sequence. ECS Transactions, 2017, 75, 53-62. | 0.5 | 0 |
| 8 | 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 |
| 9 | Controllable synthesis of carbon-nanocoilâ€“carbon-microcoil hybrid materials. Materials and Design, 2017, 116, 42-50. | 7.0 | 7 |
| 10 | Effect of incorporating carbon nanocoils on the efficiency of electromagnetic-wave shielding of carbon-nanomaterial composites. Applied Surface Science, 2016, 380, 114-118. | 6.1 | 9 |
| 11 | Dominant Formation of Carbon Nano or Microcoils By the Manipulation of SF6 Injection Flow. ECS Meeting Abstracts, 2016, , . | 0.0 | 0 |
| 12 | Enhanced Formation of Carbon Microcoils Having Different-Sized Ni Catalyst By Different Injection Gas Sequence. ECS Meeting Abstracts, 2016, , . | 0.0 | 0 |
| 13 | Formation of noble-shaped carbon nanostructures. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2015, 82, 179-186. | 1.6 | 4 |
| 14 | Effectiveness of Electromagnetic-Wave Shielding by Composites of Carbon Nanotubes and Carbon Microcoils in Polyurethane. Journal of Nanoscience and Nanotechnology, 2015, 15, 9131-9135. | 0.9 | 3 |
| 15 | Electromagnetic Wave Shielding Effectiveness Based on Carbon Microcoil-Polyurethane Composites. Journal of Nanomaterials, 2014, 2014, 1-6. | 2.7 | 12 |
| 16 | Development of the geometry of carbon microcoils from carbon nanofilaments. Vacuum, 2014, 107, 219-224. | 3.5 | 4 |
| 17 | Reduction intermediates of graphene oxide for low temperature reduction electrode material. RSC Advances, 2014, 4, 22476-22480. | 3.6 | 8 |
| 18 | Novel blue-emitting Eu2+-activated LaOCl:Eu materials. Journal of Materials Chemistry C, 2014, 2, 2799. | 5.5 | 30 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Investigation of SF<SUB>6</SUB> Injection During Cyclic C<SUB>2</SUB>H<SUB>2</SUB>/SF<SUB>6</SUB> Flow for the Formation of Geometrically Controlled Carbon Coils. Journal of Nanoscience and Nanotechnology, 2014, 14, 9182-9188. | 0.9 | 2 |
| 20 | Effect of Injection Stage of SF<sub>6</sub>flow on Carbon Micro Coils Formation. ECS Journal of Solid State Science and Technology, 2013, 2, M56-M59. | 1.8 | 11 |
| 21 | 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 |
| 22 | 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 |
| 23 | Controlled Geometry Formation of the Carbon Coils by the Substrate Pretreatment. ISRN Nanomaterials, 2013, 2013, 1-8. | 0.7 | 2 |
| 24 | Effect of the on/off Cycling Modulation Time Ratio of / Flows on the Formation of Geometrically Controlled Carbon Coils. Journal of Nanomaterials, 2012, 2012, 1-6. | 2.7 | 6 |
| 25 | Effect of Gas Phase Composition Cycling On/Off Modulation Numbers of C<sub>2</sub>H<sub>2</sub>/SF<sub>6</sub> Flows on the Formation of Geometrically Controlled Carbon Coils. Journal of Nanoscience and Nanotechnology, 2012, 12, 6100-6106. | 0.9 | 5 |
| 26 | Large-Scale Synthesis of the Controlled-Geometry Carbon Coils by the Manipulation of the SF<SUB>6</SUB> Gas Flow Injection Time. Journal of Nanoscience and Nanotechnology, 2012, 12, 4397-4402. | 0.9 | 15 |
| 27 | Effect of Si and SiO2Substrates on the Geometries of As-Grown Carbon Coils. Journal of Nanomaterials, 2012, 2012, 1-8. | 2.7 | 3 |
| 28 | Effect of SF6 incorporation in the cyclic process on the low temperature deposition of carbon nanofilaments. Thin Solid Films, 2010, 518, 6412-6416. | 1.8 | 5 |
| 29 | 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 |
| 30 | Effect of the On/Off Cyclic Modulation Time Ratio of C2H2/H2 Flow on the Low Temperature Deposition of Carbon Nanofilaments. Journal of Nanoscience and Nanotechnology, 2007, 7, 3969-3973. | 0.9 | 9 |