

Sung-Ho Song

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

969
citations

1040056

9
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

1766
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Synergistic Optimization of the Thermoelectric and Mechanical Properties of Large-Size Homogeneous Bi _{0.5} Sb _{1.5} Te ₃ Bulk Samples via Carrier Engineering for Efficient Energy Harvesting. ACS Applied Materials & Interfaces, 2022, 14, 10394-10406. | 8.0 | 12 |
| 2 | Quaternary Artificial Nacre-Based Electronic Textiles with Enhanced Mechanical and Flame-Retardant Performance. ACS Nano, 2022, 16, 5672-5681. | 14.6 | 9 |
| 3 | Metallic Phase Transition Metal Dichalcogenide Quantum Dots as Promising Bio-Imaging Materials. Nanomaterials, 2022, 12, 1645. | 4.1 | 7 |
| 4 | pH-Dependent Photophysical Properties of Metallic Phase MoSe ₂ Quantum Dots. Materials, 2022, 15, 4945. | 2.9 | 2 |
| 5 | Analysis of the electromagnetic properties of eco-friendly transparent wood. Microwave and Optical Technology Letters, 2021, 63, 2237-2241. | 1.4 | 7 |
| 6 | Metallic phase transition metal dichalcogenide quantum dots showing different optical charge excitation and decay pathways. NPG Asia Materials, 2021, 13, . | 7.9 | 10 |
| 7 | Boosting Photovoltaic Performance in Organic Solar Cells by Manipulating the Size of MoS ₂ Quantum Dots as a Hole-Transport Material. Nanomaterials, 2021, 11, 1464. | 4.1 | 15 |
| 8 | Hydrogen-Bonding-Mediated Molecular Vibrational Suppression for Enhancing the Fluorescence Quantum Yield Applicable for Visual Phenol Detection. ACS Applied Materials & Interfaces, 2021, 13, 54339-54347. | 8.0 | 6 |
| 9 | Design of Three-Dimensional Hollow-Sphere Architecture of Ti ₃ C ₂ T _x MXene with Graphitic Carbon Nitride Nanoshells for Efficient Photocatalytic Hydrogen Evolution. ACS Applied Energy Materials, 2020, 3, 9226-9233. | 5.1 | 76 |
| 10 | Versatile and Tunable Electrical Properties of Doped Nonoxidized Graphene Using Alkali Metal Chlorides. ACS Applied Materials & Interfaces, 2019, 11, 42520-42527. | 8.0 | 6 |
| 11 | Investigation of Epoxidized Palm Oils as Green Processing Aids and Activators in Rubber Composites. International Journal of Polymer Science, 2019, 2019, 1-7. | 2.7 | 12 |
| 12 | Transition of magnetism in graphene coated with metal nanoparticles. Functional Materials Letters, 2017, 10, 1750037. | 1.2 | 2 |
| 13 | Ordered, Scalable Heterostructure Comprising Boron Nitride and Graphene for High-Performance Flexible Supercapacitors. Chemistry of Materials, 2016, 28, 7750-7756. | 6.7 | 64 |
| 14 | Size and pH dependent photoluminescence of graphene quantum dots with low oxygen content. RSC Advances, 2016, 6, 97990-97994. | 3.6 | 49 |
| 15 | Bandgap Widening of Phase Quilted, 2D MoS ₂ by Oxidative Intercalation. Advanced Materials, 2015, 27, 3152-3158. | 21.0 | 76 |
| 16 | Primary hepatocyte imaging by multiphoton luminescent graphene quantum dots. Chemical Communications, 2015, 51, 8041-8043. | 4.1 | 30 |
| 17 | Enhanced Thermal Conductivity of Epoxy-Graphene Composites by Using Non-Oxidized Graphene Flakes with Non-Covalent Functionalization. Advanced Materials, 2013, 25, 732-737. | 21.0 | 586 |