

Yun-Seok Jun

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structural Impact of Graphene Nanoribbon on Mechanical Properties and Anti-corrosion Performance of Polyurethane Nanocomposites. <i>Chemical Engineering Journal</i> , 2021, 405, 126858.	12.7	46
2	Enhanced electrical and mechanical properties of graphene nano-ribbon/thermoplastic polyurethane composites. <i>Carbon</i> , 2021, 174, 305-316.	10.3	38
3	Metal-Organic Frameworks Reinforce the Carbon Nanotube Sponge-Derived Robust Three-Dimensional Sulfur Host for Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 28036-28048.	8.0	23
4	Engineering investigation for the size effect of graphene oxide derived from graphene nanoplatelets in polyurethane composites. <i>Canadian Journal of Chemical Engineering</i> , 2020, 98, 1084-1096.	1.7	17
5	The conductivity of polydimethylsiloxane/graphene nano-ribbon foam composite with elongation. <i>Carbon</i> , 2020, 162, 328-338.	10.3	19
6	Development of π - π Interaction-Induced Functionalized Graphene Oxide on Mechanical and Anticorrosive Properties of Reinforced Polyurethane Composites. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 3617-3628.	3.7	17
7	Li ₇ La ₃ Zr ₂ O ₁₂ Garnet Solid Polymer Electrolyte for Highly Stable All-Solid-State Batteries. <i>Frontiers in Chemistry</i> , 2020, 8, 619832.	3.6	18
8	Ultra-large sized graphene nano-platelets (GnPs) incorporated polypropylene (PP)/GnPs composites engineered by melt compounding and its thermal, mechanical, and electrical properties. <i>Composites Part B: Engineering</i> , 2018, 133, 218-225.	12.0	83
9	Investigation of the size effect of graphene nano-platelets (GnPs) on the anti-corrosion performance of polyurethane/GnP composites. <i>RSC Advances</i> , 2018, 8, 17091-17100.	3.6	41
10	Molecular Functionalization of Graphene Oxide for Next-Generation Wearable Electronics. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 25428-25437.	8.0	31
11	Sulfur Nanogranular Film-Coated Three-Dimensional Graphene Sponge-Based High Power Lithium Sulfur Battery. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 1984-1991.	8.0	63
12	Highly conductive interconnected graphene foam based polymer composite. <i>Carbon</i> , 2015, 95, 653-658.	10.3	68
13	A year-long comparison of particle formation events at paired urban and rural locations. <i>Atmospheric Pollution Research</i> , 2014, 5, 447-454.	3.8	20
14	Five-year roadside measurements of ultrafine particles in a major Canadian city. <i>Atmospheric Environment</i> , 2012, 49, 245-256.	4.1	62