

# Yun-Seok Jun

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

546  
citations

623734

14  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1011  
citing authors

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