

Wensheng Gao

List of Publications by Year in descending order

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402
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Efficient Degradation of Persistent Pollutants with 3D Nanocone TiO ₂ -Based Photoelectrocatalysis. <i>Journal of the American Chemical Society</i> , 2021, 143, 13664-13674.	13.7	158
2	Robust and Antibacterial Polymer/Mechanically Exfoliated Graphene Nanocomposite Fibers for Biomedical Applications. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 3002-3010.	8.0	59
3	Photoluminescence of carbon dots and their applications in Hela cell imaging and Fe ³⁺ ion detection. <i>Journal of Materials Science</i> , 2017, 52, 9979-9989.	3.7	32
4	Boron nitride self-assembly cladding structure promoting thermal property and dimensional stability of polymer composites. <i>Composites Science and Technology</i> , 2021, 201, 108536.	7.8	28
5	Functional & enhanced graphene/polyamide 6 composite fiber constructed by a facile and universal method. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 123, 149-157.	7.6	24
6	Study on structure-performance relationship of RGO enhanced polypropylene composites with improved atomic oxygen resistance. <i>Composites Part B: Engineering</i> , 2022, 239, 109970.	12.0	23
7	Highly Homogeneous Polysiloxane Flexible Coating for Low Earth Orbital Spacecraft with Ultraefficient Atomic Oxygen Resistance and Self-Healing Behavior. <i>ACS Applied Polymer Materials</i> , 2019, 1, 3253-3260.	4.4	21
8	Low temperature preparation of pore structure controllable graphene for high volumetric performance supercapacitors. <i>Electrochimica Acta</i> , 2018, 273, 181-190.	5.2	17
9	Architecture & functionalization evolution of RGO affect physicommechanical properties of polyolefin/RGO composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 107, 479-488.	7.6	17
10	Performance Evolution of Alkylation Graphene Oxide Reinforcing High-Density Polyethylene. <i>Journal of Physical Chemistry C</i> , 2017, 121, 21685-21694.	3.1	16
11	Accordion-like graphene by a facile and green synthesis method reinforcing polyolefin nanocomposites. <i>RSC Advances</i> , 2017, 7, 31085-31092.	3.6	15
12	Size Effect on the High-Strength and Electrically Conductive Polyolefin/Reduced Graphene Oxide (RGO) Composites. <i>Journal of Physical Chemistry C</i> , 2018, 122, 7968-7974.	3.1	11
13	Polyethylene/carbon fiber composites reinforced by a non-covalent compatibilization approach for flexible electric heater and structural self-monitoring. <i>Applied Surface Science</i> , 2022, 601, 154207.	6.1	6
14	Preparation of Ultrahigh Molecular Weight Polyethylene/Graphene Nanocomposite In situ Polymerization via Spherical and Sandwich Structure Graphene/Sio ₂ Support. <i>Nanoscale Research Letters</i> , 2018, 13, 105.	5.7	2
15	Significantly enhanced the properties of <sc>PE</sc>/<sc>GO</sc> composites with segregated structures via two-step compound. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50518.	2.6	2
16	Research on the structure-performance relationship of thermal reduced graphene oxide based supercapacitors. <i>Journal of Materials Science</i> , 2022, 57, 517-525.	3.7	2