

Hongyu Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7427843/publications.pdf>

Version: 2024-02-01

20
papers

953
citations

623734

14
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1415
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ synthesis of the reduced graphene oxide-polyethyleneimine composite and its gas barrier properties. <i>Journal of Materials Chemistry A</i> , 2013, 1, 3739.	10.3	236
2	In situ reduced and assembled three-dimensional graphene aerogel for efficient dye removal. <i>Journal of Alloys and Compounds</i> , 2017, 714, 522-529.	5.5	102
3	Graphene Oxide Reinforced Alginate/PVA Double Network Hydrogels for Efficient Dye Removal. <i>Polymers</i> , 2018, 10, 835.	4.5	81
4	Effect of polyethyleneimine modified graphene on the mechanical and water vapor barrier properties of methyl cellulose composite films. <i>Carbohydrate Polymers</i> , 2018, 182, 52-60.	10.2	75
5	Crucial roles of graphene oxide in preparing alginate/nanofibrillated cellulose double network composites hydrogels. <i>Chemosphere</i> , 2021, 263, 128240.	8.2	62
6	Partly reduced graphene oxide aerogels induced by proanthocyanidins for efficient dye removal. <i>Bioresource Technology</i> , 2019, 282, 148-155.	9.6	54
7	Surface modified graphene oxide/poly(vinyl alcohol) composite for enhanced hydrogen gas barrier film. <i>Polymer Testing</i> , 2016, 50, 49-56.	4.8	52
8	Fire property and charring behavior of high impact polystyrene containing expandable graphite and microencapsulated red phosphorus. <i>Polymer Degradation and Stability</i> , 2015, 121, 261-270.	5.8	47
9	High-Strength Chitin Based Hydrogels Reinforced by Tannic Acid Functionalized Graphene for Congo Red Adsorption. <i>Journal of Polymers and the Environment</i> , 2020, 28, 984-994.	5.0	47
10	Layer-by-layer assembled polyelectrolyte-decorated graphene multilayer film for hydrogen gas barrier application. <i>Composites Part B: Engineering</i> , 2017, 114, 339-347.	12.0	40
11	Polyethyleneimine-modified graphene oxide/PNIPAm thermoresponsive hydrogels with rapid swelling/deswelling and improved mechanical properties. <i>Journal of Materials Science</i> , 2017, 52, 11715-11724.	3.7	38
12	One-step reduction and PEylation of PEGylated nanographene oxide for highly efficient chemo-photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2016, 4, 2972-2983.	5.8	31
13	Differently-charged graphene-based multilayer films by a layer-by-layer approach for oxygen gas barrier application. <i>Composites Part B: Engineering</i> , 2018, 155, 391-396.	12.0	29
14	The Adaptive Tribological Investigation of Polycaprolactam/Graphene Nanocomposites. <i>Tribology Letters</i> , 2017, 65, 1.	2.6	17
15	One-step synthesis of reduced graphene oxide supported CoW nanoparticles as efficient catalysts for hydrogen generation from NH ₃ BH ₃ . <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2018, 125, 171-181.	1.7	13
16	Thermal conduction and fire property of glass fiber-reinforced high impact polystyrene/magnesium hydroxide/microencapsulated red phosphorus composite. <i>Polymer Degradation and Stability</i> , 2016, 129, 180-191.	5.8	12
17	Surface tailored Ru catalyst on magadiite for efficient hydrogen generation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 631, 127627.	4.7	6
18	Catalytic Activity and Stability of Magadiite-Immobilized Myoglobin in Organic Solvents. <i>Chinese Journal of Catalysis</i> , 2008, 29, 458-462.	14.0	5

#	ARTICLE	IF	CITATIONS
19	Highly Dispersed CuNi Nanoparticles Supported on Reduced Graphene Oxide as Efficient Catalysts for Hydrogen Generation from NH_3BH_3 . Zeitschrift Fur Physikalische Chemie, 2020, 234, 1645-1659.	2.8	5
20	Broadband downconversion in Bi^{3+} - Yb^{3+} -codoped transparent glass ceramics containing LaF_3 nanocrystals. Journal of Materials Science: Materials in Electronics, 2020, 31, 5117-5123.	2.2	1