

Tang Bo

List of Publications by Year in descending order

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35
papers

1,350
citations

430874

18
h-index

395702

33
g-index

35
all docs

35
docs citations

35
times ranked

1859
citing authors

#	ARTICLE	IF	CITATIONS
1	Raman Spectroscopic Characterization of Graphene. <i>Applied Spectroscopy Reviews</i> , 2010, 45, 369-407.	6.7	213
2	Application of graphene as filler to improve thermal transport property of epoxy resin for thermal interface materials. <i>International Journal of Heat and Mass Transfer</i> , 2015, 85, 420-429.	4.8	155
3	Graphene Modified TiO ₂ Composite Photocatalysts: Mechanism, Progress and Perspective. <i>Nanomaterials</i> , 2018, 8, 105.	4.1	129
4	High photoactive and visible-light responsive graphene/titanate nanotubes photocatalysts: Preparation and characterization. <i>Journal of Hazardous Materials</i> , 2011, 198, 78-86.	12.4	98
5	Three-dimensional graphene network assisted high performance dye sensitized solar cells. <i>Journal of Power Sources</i> , 2013, 234, 60-68.	7.8	98
6	Photocatalytic mechanism of graphene/titanate nanotubes photocatalyst under visible-light irradiation. <i>Materials Chemistry and Physics</i> , 2013, 138, 608-614.	4.0	78
7	Two kinds of graphene-based composites for photoanode applying in dye-sensitized solar cell. <i>Journal of Power Sources</i> , 2012, 220, 95-102.	7.8	76
8	Preparation of graphene modified epoxy resin with high thermal conductivity by optimizing the morphology of filler. <i>Applied Thermal Engineering</i> , 2016, 103, 892-900.	6.0	52
9	Influence from defects of three-dimensional graphene network on photocatalytic performance of composite photocatalyst. <i>Composites Science and Technology</i> , 2017, 150, 54-64.	7.8	37
10	One-step hydrothermal synthesis of peony-like Ag/Bi ₂ WO ₆ as efficient visible light-driven photocatalyst toward organic pollutants degradation. <i>Journal of Materials Science</i> , 2018, 53, 4848-4860.	3.7	36
11	Three-dimensional graphene networks and reduced graphene oxide nanosheets co-modified dye-sensitized solar cells. <i>RSC Advances</i> , 2017, 7, 45280-45286.	3.6	32
12	Graphene modified Cu-BTC with high stability in water and controllable selective adsorption of various gases. <i>Journal of Alloys and Compounds</i> , 2019, 808, 151721.	5.5	31
13	Three-dimensional graphene monolith-based composite: superiority in properties and applications. <i>International Materials Reviews</i> , 2018, 63, 204-225.	19.3	30
14	Graphene and MOFs co-modified composites for high adsorption capacity and photocatalytic performance to remove pollutant under both UV- and visible-light irradiation. <i>Journal of Solid State Chemistry</i> , 2020, 284, 121215.	2.9	30
15	Three-dimensional graphene networks modified photocatalyst with high performance under visible-light irradiation. <i>Materials Letters</i> , 2017, 189, 54-57.	2.6	26
16	Graphene based photoanode for DSSCs with high performances. <i>RSC Advances</i> , 2018, 8, 29220-29227.	3.6	25
17	Preparation of Few Layer Three-dimensional Graphene Networks by CVD for Energy Storage Applications. <i>Chemical Vapor Deposition</i> , 2014, 20, 14-22.	1.3	20
18	Three-dimensional graphene networks and RGO-based counter electrode for DSSCs. <i>RSC Advances</i> , 2019, 9, 15678-15685.	3.6	20

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19	High-performance photoanode for dye sensitized solar cells with graphene modified two-layer construction. <i>Materials Letters</i> , 2016, 165, 178-180.	2.6	18
20	Influence from the types of surface functional groups of RGO on the performances of thermal interface materials. <i>RSC Advances</i> , 2017, 7, 55790-55795.	3.6	18
21	RGO and Three-Dimensional Graphene Networks Co-modified TIMs with High Performances. <i>Nanoscale Research Letters</i> , 2017, 12, 527.	5.7	18
22	High Photocatalytic Performance of Two Types of Graphene Modified TiO ₂ Composite Photocatalysts. <i>Nanoscale Research Letters</i> , 2017, 12, 457.	5.7	15
23	Graphene-Assisted Thermal Interface Materials with a Satisfied Interface Contact Level Between the Matrix and Fillers. <i>Nanoscale Research Letters</i> , 2018, 13, 276.	5.7	15
24	Selective adsorption and decomposition of pollutants using RGO-TiO ₂ with optimized surface functional groups. <i>RSC Advances</i> , 2018, 8, 31996-32002.	3.6	15
25	Construction of 3D marigold-like Bi ₂ WO ₆ /Ag ₂ O/CQDs heterostructure with superior visible-light active photocatalytic activity toward tetracycline degradation and selective oxidation. <i>Journal of Materials Science</i> , 2018, 53, 12040-12055.	3.7	12
26	Influence from defects of three-dimensional graphene networks on the interface condition between the graphene basal plane and various resins. <i>RSC Advances</i> , 2018, 8, 27811-27817.	3.6	11
27	Growth Mechanism and Influences from Kinetic Factors on Carbon Materials with Cu and Silica Substrates during Atmospheric Pressure Chemical Vapor Deposition. <i>Journal of Physical Chemistry C</i> , 2013, 117, 25175-25184.	3.1	9
28	Influence of N doping and the functional groups of graphene on a RGO/TiO ₂ composite photocatalyst. <i>Science China Technological Sciences</i> , 2020, 63, 1045-1054.	4.0	9
29	A camouflage coating with similar solar spectrum reflectance to leaves based on polymeric inorganic composite. <i>Materials Research Express</i> , 2021, 8, 066404.	1.6	8
30	Cu-BTC-Assisted DSSCs with Improved Photovoltaic Performances. <i>Nano</i> , 2020, 15, 2050055.	1.0	7
31	High Performance Composite Photocatalysts based on Metal Organic Framework as the Modifier. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 359-367.	1.2	4
32	Investigation on the effects of water loss on the solar spectrum reflectance and transmittance of <i>Osmanthus fragrans</i> leaves based on optical experiment and PROSPECT model. <i>RSC Advances</i> , 2021, 11, 37268-37275.	3.6	2
33	Graphene aerogel modified TiO ₂ photocatalysts with high performances by controllable agglomeration behaviour of TiO ₂ nanoparticles. <i>New Journal of Chemistry</i> , 0, , .	2.8	2
34	Morphology-Controllable Graphene-Modified Cu-Benzene-1,3,5 Tricarboxylic Acid Composites for Volatile Organic Compounds and CO ₂ Adsorption Property. <i>Nano</i> , 2022, 17, .	1.0	1
35	High adsorption performances of graphene aerogel for various liquid organics. <i>AIP Advances</i> , 2022, 12, .	1.3	0