

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
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all docs

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docs citations

35
times ranked

1859
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphology-Controllable Graphene-Modified Cu-Benzene-1,3,5 Tricarboxylic Acid Composites for Volatile Organic Compounds and CO ₂ Adsorption Property. Nano, 2022, 17, .	1.0	1
2	High adsorption performances of graphene aerogel for various liquid organics. AIP Advances, 2022, 12, .	1.3	0
3	A camouflage coating with similar solar spectrum reflectance to leaves based on polymeric inorganic composite. Materials Research Express, 2021, 8, 066404.	1.6	8
4	Investigation on the effects of water loss on the solar spectrum reflectance and transmittance of Osmanthus fragrans leaves based on optical experiment and PROSPECT model. RSC Advances, 2021, 11, 37268-37275.	3.6	2
5	Influence of N doping and the functional groups of graphene on a RGO/TiO ₂ composite photocatalyst. Science China Technological Sciences, 2020, 63, 1045-1054.	4.0	9
6	Cu-BTC-Assisted DSSCs with Improved Photovoltaic Performances. Nano, 2020, 15, 2050055.	1.0	7
7	Graphene and MOFs co-modified composites for high adsorption capacity and photocatalytic performance to remove pollutant under both UV- and visible-light irradiation. Journal of Solid State Chemistry, 2020, 284, 121215.	2.9	30
8	High Performance Composite Photocatalysts based on Metal Organic Framework as the Modifier. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 359-367.	1.2	4
9	Graphene modified Cu-BTC with high stability in water and controllable selective adsorption of various gases. Journal of Alloys and Compounds, 2019, 808, 151721.	5.5	31
10	Three-dimensional graphene networks and RGO-based counter electrode for DSSCs. RSC Advances, 2019, 9, 15678-15685.	3.6	20
11	One-step hydrothermal synthesis of peony-like Ag/Bi ₂ WO ₆ as efficient visible light-driven photocatalyst toward organic pollutants degradation. Journal of Materials Science, 2018, 53, 4848-4860.	3.7	36
12	Three-dimensional graphene monolith-based composite: superiority in properties and applications. International Materials Reviews, 2018, 63, 204-225.	19.3	30
13	Graphene-Assisted Thermal Interface Materials with a Satisfied Interface Contact Level Between the Matrix and Fillers. Nanoscale Research Letters, 2018, 13, 276.	5.7	15
14	Selective adsorption and decomposition of pollutants using RGO-TiO ₂ with optimized surface functional groups. RSC Advances, 2018, 8, 31996-32002.	3.6	15
15	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. Journal of Materials Science, 2018, 53, 12040-12055.	3.7	12
16	Influence from defects of three-dimensional graphene networks on the interface condition between the graphene basal plane and various resins. RSC Advances, 2018, 8, 27811-27817.	3.6	11
17	Graphene Modified TiO ₂ Composite Photocatalysts: Mechanism, Progress and Perspective. Nanomaterials, 2018, 8, 105.	4.1	129
18	Graphene based photoanode for DSSCs with high performances. RSC Advances, 2018, 8, 29220-29227.	3.6	25

#	ARTICLE	IF	CITATIONS
19	Three-dimensional graphene networks and reduced graphene oxide nanosheets co-modified dye-sensitized solar cells. RSC Advances, 2017, 7, 45280-45286.	3.6	32
20	Influence from defects of three-dimensional graphene network on photocatalytic performance of composite photocatalyst. Composites Science and Technology, 2017, 150, 54-64.	7.8	37
21	Three-dimensional graphene networks modified photocatalyst with high performance under visible-light irradiation. Materials Letters, 2017, 189, 54-57.	2.6	26
22	Influence from the types of surface functional groups of RGO on the performances of thermal interface materials. RSC Advances, 2017, 7, 55790-55795.	3.6	18
23	High Photocatalytic Performance of Two Types of Graphene Modified TiO ₂ Composite Photocatalysts. Nanoscale Research Letters, 2017, 12, 457.	5.7	15
24	RGO and Three-Dimensional Graphene Networks Co-modified TIMs with High Performances. Nanoscale Research Letters, 2017, 12, 527.	5.7	18
25	Preparation of graphene modified epoxy resin with high thermal conductivity by optimizing the morphology of filler. Applied Thermal Engineering, 2016, 103, 892-900.	6.0	52
26	High-performance photoanode for dye sensitized solar cells with graphene modified two-layer construction. Materials Letters, 2016, 165, 178-180.	2.6	18
27	Application of graphene as filler to improve thermal transport property of epoxy resin for thermal interface materials. International Journal of Heat and Mass Transfer, 2015, 85, 420-429.	4.8	155
28	Preparation of Few Layer Three-dimensional Graphene Networks by CVD for Energy Storage Applications. Chemical Vapor Deposition, 2014, 20, 14-22.	1.3	20
29	Growth Mechanism and Influences from Kinetic Factors on Carbon Materials with Cu and Silica Substrates during Atmospheric Pressure Chemical Vapor Deposition. Journal of Physical Chemistry C, 2013, 117, 25175-25184.	3.1	9
30	Photocatalytic mechanism of graphene/titanate nanotubes photocatalyst under visible-light irradiation. Materials Chemistry and Physics, 2013, 138, 608-614.	4.0	78
31	Three-dimensional graphene network assisted high performance dye sensitized solar cells. Journal of Power Sources, 2013, 234, 60-68.	7.8	98
32	Two kinds of graphene-based composites for photoanode applying in dye-sensitized solar cell. Journal of Power Sources, 2012, 220, 95-102.	7.8	76
33	High photoactive and visible-light responsive graphene/titanate nanotubes photocatalysts: Preparation and characterization. Journal of Hazardous Materials, 2011, 198, 78-86.	12.4	98
34	Raman Spectroscopic Characterization of Graphene. Applied Spectroscopy Reviews, 2010, 45, 369-407.	6.7	213
35	Graphene aerogel modified TiO ₂ photocatalysts with high performances by controllable agglomeration behaviour of TiO ₂ nanoparticles. New Journal of Chemistry, 0, , .	2.8	2