Teresa Bandosz

List of Publications by Year
in descending order

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423 papers	26,900 citations	4383 86 h-index	11047 137 g-index
427 all docs	427 docs citations	427 times ranked	20021 citing authors

#	Article	IF	Citations
1	Engineering heterostructured Ni@Ni(OH)2 core-shell nanomaterials for synergistically enhanced water electrolysis. Green Energy and Environment, 2022, 7, 1024-1032.	4.7	17
2	Revealing the impact of small pores on oxygen reduction on carbon electrocatalysts: A journey through recent findings. Carbon, 2022, 188, 289-304.	5.4	24
3	Oxygen adsorption in pores promotes its reduction on metal-free carbon catalysts: A case of carbon blacks. Carbon, 2022, 189, 230-239.	5.4	11
4	Effect of amine type on acidic toxic gas adsorption at ambient conditions on modified CuBTC. Journal of Environmental Chemical Engineering, 2022, 10, 107261.	3.3	7
5	Insight into the mechanism of perfluorooctanesulfonic acid adsorption on highly porous media: Sizes of hydrophobic pores and the extent of multilayer formation. Carbon, 2022, 191, 535-545.	5.4	10
6	Complexity of Biosolid-Derived Electrocatalysts Grants Their Excellent Performance in Oxygen Reduction Reaction. ACS Applied Energy Materials, 2022, 5, 3514-3524.	2.5	0
7	Biochemical changes in cancer cells induced by photoactive nanosystem based on carbon dots loaded with Ru-complex. Chemico-Biological Interactions, 2022, 360, 109950.	1.7	4
8	Empowering carbon materials robust gas desulfurization capability through an inclusion of active inorganic phases: A review of recent approaches. Journal of Hazardous Materials, 2022, 437, 129414.	6.5	11
9	FeNi doped porous carbon as an efficient catalyst for oxygen evolution reaction. Frontiers of Chemical Science and Engineering, 2021, 15, 279-287.	2.3	23
10	Boosting the Photoactivity of Grafted Titania: Ultrasoundâ€Driven Synthesis of a Multiâ€Phase Heterogeneous Nanoâ€Architected Photocatalyst. Advanced Functional Materials, 2021, 31, .	7.8	23
11	Inorganic matter in rice husk derived carbon and its effect on the capacitive performance. Journal of Energy Chemistry, 2021, 57, 639-649.	7.1	10
12	Proposing an unbiased oxygen reduction reaction onset potential determination by using a Savitzky-Golay differentiation procedure. Journal of Colloid and Interface Science, 2021, 586, 597-600.	5.0	20
13	Porous Carbons as Oxygen Reduction Electrocatalysts. Engineering Materials, 2021, , 41-77.	0.3	0
14	Exploring the Silent Aspect of Carbon Nanopores. Nanomaterials, 2021, 11, 407.	1.9	13
15	Alternative view of oxygen reduction on porous carbon electrocatalysts: The substance of complex oxygen-surface interactions. IScience, 2021, 24, 102216.	1.9	13
16	Chemically heterogeneous carbon dots enhanced cholesterol detection by MALDI TOF mass spectrometry. Journal of Colloid and Interface Science, 2021, 591, 373-383.	5.0	18
17	Scrolled titanate nanosheet composites with reduced graphite oxide for photocatalytic and adsorptive removal of toxic vapors. Chemical Engineering Journal, 2021, 415, 128907.	6.6	17
18	Exploring the effect of surface chemistry in carbon nanopores on melting behavior of water. Carbon, 2021, 185, 252-263.	5.4	4

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19	The effect of ZnFe2O4/activated carbon adsorbent photocatalytic activity on gas-phase desulfurization. Chemical Engineering Journal, 2021, 423, 130255.	6.6	20
20	Analyzing the effect of nitrogen/sulfur groupsâ€™ density ratio in porous carbons on the efficiency of CO2 electrochemical reduction. Applied Surface Science, 2021, 569, 151066.	3.1	6
21	Composite porous carbon textile with deposited barium titanate nanospheres as wearable protection medium against toxic vapors. Chemical Engineering Journal, 2020, 384, 123280.	6.6	23
22	Solar light-driven photocatalytic degradation of phenol on S-doped nanoporous carbons: The role of functional groups in governing activity and selectivity. Carbon, 2020, 156, 10-23.	5.4	46
23	Defectous UiO-66 MOF Nanocomposites as Reactive Media of Superior Protection against Toxic Vapors. ACS Applied Materials & Interfaces, 2020, 12, 14678-14689.	4.0	44
24	Exploring the options for the improvement of H2S adsorption on sludge derived adsorbents: Building the composite with porous carbons. Journal of Cleaner Production, 2020, 249, 119412.	4.6	23
25	Support features govern the properties of the active phase and the performance of bifunctional ZnFe2O4-based H2S adsorbents. Carbon, 2020, 169, 327-337.	5.4	21
26	Enhancing the gas adsorption capacities of UiO-66 by nanographite addition. Microporous and Mesoporous Materials, 2020, 309, 110571.	2.2	11
27	Pyrolyzed biosolid surface features promote a highly efficient oxygen reduction reaction. Green Chemistry, 2020, 22, 7858-7870.	4.6	8
28	Ni-doped hierarchical porous carbon with a p/n-junction promotes electrochemical water splitting. International Journal of Hydrogen Energy, 2020, 45, 17493-17503.	3.8	10
29	Effect of the Incorporation of Functionalized Cellulose Nanocrystals into UiOâ€66 on Composite Porosity and Surface Heterogeneity Alterations. Advanced Materials Interfaces, 2020, 7, 1902098.	1.9	15
30	Engaging nanoporous carbons in â€œbeyond adsorptionâ€•applications: Characterization, challenges and performance. Carbon, 2020, 164, 69-84.	5.4	41
31	Surfactant-modified biosolid-derived materials as efficient H2S removal media: Synergistic effects of carbon phase properties and inorganic phase chemistry on reactive adsorption. Chemical Engineering Journal, 2020, 401, 125986.	6.6	9
32	Bifunctional ZnO-MgO/activated carbon adsorbents boost H2S room temperature adsorption and catalytic oxidation. Applied Catalysis B: Environmental, 2020, 266, 118674.	10.8	109
33	Activated carbon with heteroatoms from organic salt for hydrogen evolution reaction. Microporous and Mesoporous Materials, 2020, 297, 110033.	2.2	14
34	ZnFe2O4/activated carbon as a regenerable adsorbent for catalytic removal of H2S from air at room temperature. Chemical Engineering Journal, 2020, 394, 124906.	6.6	86
35	Detoxification of mustard gas surrogate on ZnO2/g-C3N4 composites: Effect of surface featuresâ€™ synergy and day-night photocatalysis. Applied Catalysis B: Environmental, 2020, 272, 119038.	10.8	39
36	Ultrasound-activated TiO2/GO-based bifunctional photoreactive adsorbents for detoxification of chemical warfare agent surrogate vapors. Chemical Engineering Journal, 2020, 395, 125099.	6.6	54

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37	Nanoporous carbon materials: from char to sophisticated 3-D graphene-like structures. , 2020, , 45-64.		3
38	TiO2/S-Doped Carbons Hybrids: Analysis of Their Interfacial and Surface Features. Molecules, 2019, 24, 3585.	1.7	8
39	Insight into the Mechanism of Oxygen Reduction Reaction on Micro/Mesoporous Carbons: Ultramicropores versus Nitrogen-Containing Catalytic Centers in Ordered Pore Structure. ACS Applied Energy Materials, 2019, 2, 7412-7424.	2.5	32
40	Analysis of interactions of mustard gas surrogate vapors with porous carbon textiles. Chemical Engineering Journal, 2019, 362, 758-766.	6.6	45
41	Combination of alkalinity and porosity enhances formaldehyde adsorption on pig manure -derived composite adsorbents. Microporous and Mesoporous Materials, 2019, 286, 155-162.	2.2	26
42	Graphite Oxide Nanocomposites for Air Stream Desulfurization. , 2019, , 1-24.		4
43	Magnetic soot: Surface properties and application to remove oil contamination from water. Journal of Environmental Chemical Engineering, 2019, 7, 103074.	3.3	15
44	Evaluation of nitrogen- and sulfur-doped porous carbon textiles as electrode materials for flexible supercapacitors. Electrochimica Acta, 2019, 305, 125-136.	2.6	31
45	Exploring resistance changes of porous carbon upon physical adsorption of VOCs. Carbon, 2019, 146, 568-571.	5.4	25
46	Ultramicropore-influenced mechanism of oxygen electroreduction on metal-free carbon catalysts. Journal of Materials Chemistry A, 2019, 7, 27110-27123.	5.2	27
47	Building MOF Nanocomposites with Oxidized Graphitic Carbon Nitride Nanospheres: The Effect of Framework Geometry on the Structural Heterogeneity. Molecules, 2019, 24, 4529.	1.7	14
48	Degradation of endocrine disruptor, bisphenol-A, on an mixed oxidation state manganese oxide/modified graphite oxide composite: A role of carbonaceous phase. Journal of Colloid and Interface Science, 2019, 539, 516-524.	5.0	39
49	Fingerprint imaging using N-doped carbon dots. Carbon, 2019, 144, 791-797.	5.4	64
50	Oxygen Electroreduction on Nanoporous Carbons: Textural Features vs Nitrogen and Boron Catalytic Centers. ChemCatChem, 2019, 11, 851-860.	1.8	28
51	Nitrogen-containing activated carbon of improved electrochemical performance derived from cotton stalks using indirect chemical activation. Journal of Colloid and Interface Science, 2019, 540, 285-294.	5.0	24
52	Polyoxometalate hybrid catalyst for detection and photodecomposition of mustard gas surrogate vapors. Applied Surface Science, 2019, 467-468, 428-438.	3.1	25
53	A New Generation of Surface Active Carbon Textiles As Reactive Adsorbents of Indoor Formaldehyde. ACS Applied Materials & Interfaces, 2018, 10, 8066-8076.	4.0	60
54	Chemically heterogeneous nitrogen sites of various reactivity in porous carbons provide high stability of CO2 electroreduction catalysts. Applied Catalysis B: Environmental, 2018, 234, 1-9.	10.8	38

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55	S- and N-doped carbon quantum dots: Surface chemistry dependent antibacterial activity. Carbon, 2018, 135, 104-111.	5.4	244
56	CaTiO3 perovskite in the framework of activated carbon and its effect on enhanced electrochemical capacitance. Electrochimica Acta, 2018, 268, 73-81.	2.6	29
57	Exploring the effects of surface chemistry on photosensitivity and stability of modified porous carbon textiles. Carbon, 2018, 131, 1-9.	5.4	5
58	Path Towards Future Research. , 2018, , 125-144.		0
59	Irreversible water mediated transformation of BCN from a 3D highly porous form to its nonporous hydrolyzed counterpart. Journal of Materials Chemistry A, 2018, 6, 3510-3521.	5.2	35
60	Zinc peroxide nanoparticles: Surface, chemical and optical properties and the effect of thermal treatment on the detoxification of mustard gas. Applied Catalysis B: Environmental, 2018, 226, 429-440.	10.8	51
61	Detoxification of Chemical Warfare Agents. , 2018, , .		17
62	Exploring the effect of ultramicropore distribution on gravimetric capacitance of nanoporous carbons. Electrochimica Acta, 2018, 275, 236-247.	2.6	30
63	Electrodeposited P Co nanoparticles in deep eutectic solvents and their performance in water splitting. International Journal of Hydrogen Energy, 2018, 43, 10448-10457.	3.8	22
64	Carbon Quantum Dot Surface-Chemistry-Dependent Ag Release Governs the High Antibacterial Activity of Ag-Metalâ€“Organic Framework Composites. ACS Applied Bio Materials, 2018, 1, 693-707.	2.3	80
65	Origin and Perspectives of the Photochemical Activity of Nanoporous Carbons. Advanced Science, 2018, 5, 1800293.	5.6	45
66	Barium titanate perovskite nanoparticles as a photoreactive medium for chemical warfare agent detoxification. Journal of Colloid and Interface Science, 2018, 531, 233-244.	5.0	37
67	Removal of formaldehyde on carbon -based materials: A review of the recent approaches and findings. Carbon, 2018, 137, 207-221.	5.4	124
68	Role of sulfur and nitrogen surface groups in adsorption of formaldehyde on nanoporous carbons. Carbon, 2018, 138, 283-291.	5.4	74
69	Role of Heteroatoms in S,Nâ€Codoped Nanoporous Carbon Materials in CO₂ (Photo)electrochemical Reduction. ChemSusChem, 2018, 11, 2987-2999.	3.6	22
70	New Approaches in the Detoxification of CWAs. , 2018, , 37-123.		1
71	Current Protection Against CWAs. , 2018, , 33-36.		0
72	Mixed CuFe and ZnFe (hydr)oxides as reactive adsorbents of chemical warfare agent surrogates. Journal of Hazardous Materials, 2017, 329, 141-149.	6.5	25

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73	Ferrihydrite deposited on cotton textiles as protection media against the chemical warfare agent surrogate (2-chloroethyl ethyl sulfide). Journal of Materials Chemistry A, 2017, 5, 4972-4981.	5.2	29
74	N-doped polymeric resin-derived porous carbons as efficient ammonia removal and detection media. Carbon, 2017, 117, 228-239.	5.4	52
75	Pyridinic-N groups and ultramicropore nanoreactors enhance CO2 electrochemical reduction on porous carbon catalysts. Applied Catalysis B: Environmental, 2017, 207, 195-206.	10.8	91
76	Alterations in the surface features of S-doped carbon and g-C₃N₄ photocatalysts in the presence of CO₂ and water upon visible light exposure. Journal of Materials Chemistry A, 2017, 5, 16315-16325.	5.2	28
77	Nanoporous carbon-composites as gas sensors: Importance of the specific adsorption forces for ammonia sensing mechanism. Carbon, 2017, 121, 114-126.	5.4	27
78	Porous carbon modified with sulfur in energy related applications. Carbon, 2017, 118, 561-577.	5.4	77
79	Toxic gas sensing on nanoporous carbons. Adsorption, 2017, 23, 271-280.	1.4	2
80	Highly luminescent S-doped carbon dots for the selective detection of ammonia. Carbon, 2017, 114, 544-556.	5.4	54
81	Combined Effect of Porosity and Surface Chemistry on the Electrochemical Reduction of Oxygen on Cellular Vitreous Carbon Foam Catalyst. ACS Catalysis, 2017, 7, 7466-7478.	5.5	42
82	Mustard Gas Surrogate Interactions with Modified Porous Carbon Fabrics: Effect of Oxidative Treatment. Langmuir, 2017, 33, 11475-11483.	1.6	30
83	Editorial: Positive developments for JCIS. Journal of Colloid and Interface Science, 2017, 505, A1-A2.	5.0	0
84	Carbon Textiles Modified with Copper-Based Reactive Adsorbents as Efficient Media for Detoxification of Chemical Warfare Agents. ACS Applied Materials & Interfaces, 2017, 9, 26965-26973.	4.0	26
85	Smart textiles of MOF/g-C₃N₄nanospheres for the rapid detection/detoxification of chemical warfare agents. Nanoscale Horizons, 2017, 2, 356-364.	4.1	105
86	Photosensitivity of g-C₃N₄/S-doped carbon composites: study of surface stability upon exposure to CO₂ and/or water in ambient light. Journal of Materials Chemistry A, 2017, 5, 24880-24891.	5.2	17
87	Carbon dots coated with vitamin B 12 as selective ratiometric nanosensor for phenolic carbofuran. Sensors and Actuators B: Chemical, 2017, 239, 553-561.	4.0	48
88	Oxidized gâ€€ ₃ N ₄ Nanospheres as Catalytically Photoactive Linkers in MOF/gâ€€ ₃ N ₄ Composite of Hierarchical Pore Structure. Small, 2017, 13, 1601758.	5.2	109
89	The Role of Carbon on Copperâ€“Carbon Composites for the Electrooxidation of Alcohols in an Alkaline Medium. Journal of Carbon Research, 2017, 3, 36.	1.4	5
90	Efficient Air Desulfurization Catalysts Derived from Pig Manure Liquefaction Char. Journal of Carbon Research, 2017, 3, 37.	1.4	5

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91	Beyond Adsorption: The Effect of Sulfur Doping on Emerging Applications of Nanoporous Carbons. Eurasian Chemico-Technological Journal, 2017, 18, 233.	0.3	0
92	Nitrogen enrichment of S-doped nanoporous carbon by g-C3N4: Insight into photosensitivity enhancement. Carbon, 2016, 107, 895-906.	5.4	28
93	Electrochemical Reduction of Oxygen on Hydrophobic Ultramicroporous PolyHIPE Carbon. ACS Catalysis, 2016, 6, 5618-5628.	5.5	67
94	Metalâ€free Nanoporous Carbon as a Catalyst for Electrochemical Reduction of CO₂ to CO and CH₄. ChemSusChem, 2016, 9, 606-616.	3.6	149
95	Photoactivity of gâ€C₃N₄/Sâ€Doped Porous Carbon Composite: Synergistic Effect of Composite Formation. ChemSusChem, 2016, 9, 795-799.	3.6	55
96	Effect of Ag containing (nano)particles on reactive adsorption of mustard gas surrogate on iron oxyhydroxide/graphite oxide composites under visible light irradiation. Chemical Engineering Journal, 2016, 303, 123-136.	6.6	23
97	Sulfur-mediated photochemical energy harvesting in nanoporous carbons. Carbon, 2016, 104, 253-259.	5.4	20
98	Carbon dots as fluorescent sensor for detection of explosive nitrocompounds. Carbon, 2016, 106, 171-178.	5.4	117
99	Nanoporous Carbons: Looking Beyond Their Perception as Adsorbents, Catalyst Supports and Supercapacitors. Chemical Record, 2016, 16, 205-218.	2.9	22
100	Reactive removal of 2-chloroethyl ethyl sulfide vapors under visible light irradiation by cerium oxide modified highly porous zirconium (hydr) oxide. Applied Surface Science, 2016, 390, 735-743.	3.1	11
101	Highly Efficient Air Desulfurization on Self-Assembled Bundles of Copper Hydroxide Nanorods. ACS Applied Materials & Interfaces, 2016, 8, 31986-31994.	4.0	31
102	Alterations of S-doped porous carbon-rGO composites surface features upon CO2 adsorption at ambient conditions. Carbon, 2016, 107, 501-509.	5.4	33
103	Mesoporous Graphitic Carbon Nitrideâ€Based Nanospheres as Visibleâ€Light Active Chemical Warfare Agents Decontaminant. ChemNanoMat, 2016, 2, 268-272.	1.5	42
104	S-doped carbon aerogels/GO composites as oxygen reduction catalysts. Journal of Energy Chemistry, 2016, 25, 236-245.	7.1	50
105	Analysis of the competitive adsorption of pharmaceuticals on waste derived materials. Chemical Engineering Journal, 2016, 287, 139-147.	6.6	42
106	Nitrogen-Doped Activated Carbon-Based Ammonia Sensors: Effect of Specific Surface Functional Groups on Carbon Electronic Properties. ACS Sensors, 2016, 1, 591-599.	4.0	48
107	Sensing of NH3 on heterogeneous nanoporous carbons in the presence of humidity. Carbon, 2016, 100, 64-73.	5.4	40
108	Reactive adsorption of mustard gas surrogate on zirconium (hydr)oxide/graphite oxide composites: the role of surface and chemical features. Journal of Materials Chemistry A, 2016, 4, 1008-1019.	5.2	57

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109	Moisture insensitive adsorption of ammonia on resorcinol-formaldehyde resins. Journal of Hazardous Materials, 2016, 305, 96-104.	6.5	18
110	Insight into ammonia sensing on heterogeneous S- and N- co-doped nanoporous carbons. Carbon, 2016, 96, 1014-1021.	5.4	40
111	Evaluation of CO2 interactions with S-doped nanoporous carbon and its composites with a reduced GO: Effect of surface features on an apparent physical adsorption mechanism. Carbon, 2016, 98, 250-258.	5.4	51
112	Effect of GO phase in Zn(OH)2/GO composite on the extent of photocatalytic reactive adsorption of mustard gas surrogate. Applied Catalysis B: Environmental, 2016, 183, 37-46.	10.8	47
113	Evidence for CO2 reactive adsorption on nanoporous S- and N-doped carbon at ambient conditions. Carbon, 2016, 96, 856-863.	5.4	79
114	Analysis of sulfamethoxazole and trimethoprim adsorption on sewage sludge and fish waste derived adsorbents. Microporous and Mesoporous Materials, 2016, 220, 58-72.	2.2	57
115	Oxygen reduction on chemically heterogeneous iron-containing nanoporous carbon: The effects of specific surface functionalities. Microporous and Mesoporous Materials, 2016, 221, 137-149.	2.2	13
116	Peculiar Properties of Mesoporous Synthetic Carbon/Graphene Phase Composites and their Effect on Supercapacitive Performance. ChemSusChem, 2015, 8, 1955-1965.	3.6	10
117	Sulfurâ€Doped Carbon Aerogel as a Metalâ€Free Oxygen Reduction Catalyst. ChemCatChem, 2015, 7, 2924-2931.	1.8	50
118	Copper Hydroxyl Nitrate/Graphite Oxide Composite as Superoxidant for the Decomposition/Mineralization of Organophosphateâ€Based Chemical Warfare Agent Surrogate. Advanced Materials Interfaces, 2015, 2, 1500215.	1.9	30
119	Enhanced reactive adsorption of H₂S on Cuâ€“BTC/ S- and N-doped GO composites. Journal of Materials Chemistry A, 2015, 3, 8194-8204.	5.2	63
120	Carbon phase-graphite oxide composites based on solid state interactions between the components: Importance of surface chemistry and microstructure. Carbon, 2015, 95, 580-588.	5.4	8
121	Time-resolved fluorescence and ultrafast energy transfer in a zinc (hydr)oxideâ€“graphite oxide mesoporous composite. Journal of Photonics for Energy, 2015, 5, 053084.	0.8	1
122	Reactive adsorption of pharmaceuticals on tin oxide pillared montmorillonite: Effect of visible light exposure. Chemical Engineering Journal, 2015, 259, 865-875.	6.6	32
123	Robust graphene-based monoliths of homogeneous ultramicroporosity. Carbon, 2015, 87, 87-97.	5.4	9
124	Effect of chemical heterogeneity on photoluminescence of graphite oxide treated with S-/N-containing modifiers. Applied Surface Science, 2015, 332, 272-280.	3.1	15
125	Activated carbon-based gas sensors: effects of surface features on the sensing mechanism. Journal of Materials Chemistry A, 2015, 3, 3821-3831.	5.2	87
126	Role of Surface Chemistry and Morphology in the Reactive Adsorption of H₂S on Iron (Hydr)Oxide/Graphite Oxide Composites. Langmuir, 2015, 31, 2730-2742.	1.6	50

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127	Adsorption of carbamazepine on sludge/fish waste derived adsorbents: Effect of surface chemistry and texture. Chemical Engineering Journal, 2015, 267, 170-181.	6.6	46
128	Removal of hydrogen sulfide at ambient conditions on cadmium/GO-based composite adsorbents. Journal of Colloid and Interface Science, 2015, 448, 573-581.	5.0	24
129	Liquid films, interfaces and colloidal dispersions. Journal of Colloid and Interface Science, 2015, 449, 1.	5.0	0
130	Cuâ€"BTC MOFâ€"graphene-based hybrid materials as low concentration ammonia sensors. Journal of Materials Chemistry A, 2015, 3, 11417-11429.	5.2	155
131	Key role of terminal hydroxyl groups and visible light in the reactive adsorption/catalytic conversion of mustard gas surrogate on zinc (hydr)oxides. Applied Catalysis B: Environmental, 2015, 174-175, 96-104.	10.8	43
132	Reactive adsorption of CEES on iron oxyhydroxide/(N-)graphite oxide composites under visible light exposure. Journal of Materials Chemistry A, 2015, 3, 17080-17090.	5.2	26
133	Effect of nanoporous carbon surface chemistry on the removal of endocrine disruptors from water phase. Journal of Colloid and Interface Science, 2015, 449, 180-191.	5.0	40
134	Effects of surface heterogeneity of cobalt oxyhydroxide/graphite oxide composites on reactive adsorption of hydrogen sulfide. Microporous and Mesoporous Materials, 2015, 204, 8-14.	2.2	32
135	Visible light enhanced removal of a sulfur mustard gas surrogate from a vapor phase on novel hydrous ferric oxide/graphite oxide composites. Journal of Materials Chemistry A, 2015, 3, 220-231.	5.2	43
136	Comparison of melamine resin and melamine network as precursors for carbon electrodes. Carbon, 2015, 81, 239-250.	5.4	29
137	Spent Coffee-Based Activated Carbons. , 2015, , 311-317.		1
138	Engineering the surface of a new class of adsorbents: Metalâ€"organic framework/graphite oxide composites. Journal of Colloid and Interface Science, 2015, 447, 139-151.	5.0	101
139	New copper/GO based material as an efficient oxygen reduction catalyst in an alkaline medium: The role of unique Cu/rGO architecture. Applied Catalysis B: Environmental, 2015, 163, 424-435.	10.8	77
140	The effects of fabrication temperature on current-voltage characteristics and energy efficiencies of quantum dot sensitized ZnOH-GO hybrid solar cells. Journal of Applied Physics, 2014, 116, 173102.	1.1	0
141	New Cu_xS_y/nanoporous carbon composites as efficient oxygen reduction catalysts in alkaline medium. Journal of Materials Chemistry A, 2014, 2, 20164-20176.	5.2	34
142	10. Graphite oxide-MOF hybrid materials. , 2014, , 273-294.		0
143	Municipal waste conversion to hydrogen sulfide adsorbents: Investigation of the synergistic effects of sewage sludge/fish waste mixture. Chemical Engineering Journal, 2014, 237, 88-94.	6.6	39
144	Effect of amine modification on the properties of zirconiumâ€"carboxylic acid based materials and their applications as NO2 adsorbents at ambient conditions. Microporous and Mesoporous Materials, 2014, 188, 149-162.	2.2	46

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145	Insight into the Capacitive Performance of Sulfurâ€Doped Nanoporous Carbons Modified by Addition of Graphene Phase. Electroanalysis, 2014, 26, 109-120.	1.5	54
146	Insight into the mechanism of CO2 adsorption on Cuâ€"BTC and its composites with graphite oxide or aminated graphite oxide. Chemical Engineering Journal, 2014, 239, 399-407.	6.6	71
147	Hybrid solar cells of micro/mesoporous Zn(OH)2 and its graphite composites sensitized by CdSe quantum dots. Journal of Photonics for Energy, 2014, 4, 043098.	0.8	3
148	Effect of Visibleâ€Light Exposure and Electrolyte Oxygen Content on the Capacitance of Sulfurâ€Doped Carbon. ChemElectroChem, 2014, 1, 565-572.	1.7	24
149	Effect of surface chemical and structural heterogeneity of copper-based MOF/graphite oxide composites on the adsorption of ammonia. Journal of Colloid and Interface Science, 2014, 417, 109-114.	5.0	51
150	Cu-BTC/Aminated Graphite Oxide Composites As High-Efficiency CO₂ Capture Media. ACS Applied Materials & Interfaces, 2014, 6, 101-108.	4.0	89
151	Removal of dorzolamide from biomedical wastewaters with adsorption onto graphite oxide/poly(acrylic acid) grafted chitosan nanocomposite. Bioresource Technology, 2014, 152, 399-406.	4.8	110
152	Zinc (hydr)oxide/graphite oxide/AuNPs composites: Role of surface features in H2S reactive adsorption. Journal of Colloid and Interface Science, 2014, 436, 296-305.	5.0	35
153	Carbon dots obtained using hydrothermal treatment of formaldehyde. Cell imaging in vitro. Nanoscale, 2014, 6, 9071-9077.	2.8	79
154	Effect of visible light and electrode wetting on the capacitive performance of S- and N-doped nanoporous carbons: Importance of surface chemistry. Carbon, 2014, 78, 540-558.	5.4	37
155	Nanoporous carbons as gas sensors: Exploring the surface sensitivity. Carbon, 2014, 80, 183-192.	5.4	23
156	Luminescent carbon nanoparticles: effects of chemical functionalization, and evaluation of Ag+ sensing properties. Journal of Materials Chemistry A, 2014, 2, 8342.	5.2	92
157	Carbon Coated Silica Doped With Cerium/Zirconium Mixed Oxides as NO₂ Adsorbent at Ambient Conditions. Journal of Physical Chemistry C, 2014, 118, 8982-8992.	1.5	4
158	Visible light driven photoelectrochemical water splitting on metal free nanoporous carbon promoted by chromophoric functional groups. Carbon, 2014, 79, 432-441.	5.4	47
159	The effects of activated carbon surface features on the reactive adsorption of carbamazepine and sulfamethoxazole. Carbon, 2014, 80, 419-432.	5.4	154
160	Confined space reduced graphite oxide doped with sulfur as metal-free oxygen reduction catalyst. Carbon, 2014, 66, 227-233.	5.4	54
161	Effect of the graphene phase presence in nanoporous S-doped carbon on photoactivity in UV and visible light. Applied Catalysis B: Environmental, 2014, 147, 842-850.	10.8	23
162	Photoluminescence of nanoporous carbons: Opening a new application route for old materials. Carbon, 2014, 77, 651-659.	5.4	25

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163	On the photoactivity of S-doped nanoporous carbons: Importance of surface chemistry and porosity. Chinese Journal of Catalysis, 2014, 35, 807-814.	6.9	10
164	Complexity of CO2 adsorption on nanoporous sulfur-doped carbons â€“ Is surface chemistry an important factor?. Carbon, 2014, 74, 207-217.	5.4	109
165	Desulfurization of Model Diesel Fuel on Activated Carbon Modified with Iron Oxyhydroxide Nanoparticles: Effect of tert-Butylbenzene and Naphthalene Concentrations. Energy & Fuels, 2013, 27, 5380-5387.	2.5	24
166	Insight into the role of the oxidized graphite precursor on the properties of copper-based MOF/graphite oxide composites. Microporous and Mesoporous Materials, 2013, 179, 205-211.	2.2	25
167	Aminated graphite oxides and their composites with copper-based metalâ€“organic framework: in search for efficient media for CO2 sequestration. RSC Advances, 2013, 3, 9932.	1.7	59
168	Analysis of factors affecting visible and UV enhanced oxidation of dibenzothiophenes on sulfur-doped activated carbons. Carbon, 2013, 62, 356-364.	5.4	25
169	Ce(III) Doped Zr-Based MOFs as Excellent NO₂ Adsorbents at Ambient Conditions. ACS Applied Materials & Interfaces, 2013, 5, 10565-10573.	4.0	165
170	Controllable atomistic graphene oxide model and its application in hydrogen sulfide removal. Journal of Chemical Physics, 2013, 139, 194707.	1.2	23
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