

Xinyi Wan

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,168
citations

623734

14
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

1587
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective and efficient adsorption of anionic dyes by core/shell magnetic MWCNTs nano-hybrid constructed through facial polydopamine tailored graft polymerization: Insight of adsorption mechanism, kinetic, isotherm and thermodynamic study. <i>Journal of Molecular Liquids</i> , 2020, 319, 114289.	4.9	30
2	Hierarchical Fe ₃ O ₄ -derived organic/inorganic hybrids constructed by modified bio-inspired functionalization: efficient adsorbents for water-soluble methylene blue and mechanism. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 1638-1650.	3.2	10
3	3D carbon fiber mats/nano-Fe ₃ O ₄ hybrid material with high electromagnetic shielding performance. <i>Applied Surface Science</i> , 2018, 444, 710-720.	6.1	70
4	High-performance dielectric poly(arylene ether nitrile)/Ag nanoparticles decorated halloysite nanotube composites through modified bio-inspired method and synergistic effect. <i>Polymer Engineering and Science</i> , 2018, 58, 2227-2236.	3.1	8
5	Epoxy composites coating with Fe ₃ O ₄ decorated graphene oxide: Modified bio-inspired surface chemistry, synergistic effect and improved anti-corrosion performance. <i>Applied Surface Science</i> , 2018, 436, 756-767.	6.1	148
6	Design of durable and efficient poly(arylene ether nitrile)/bioinspired polydopamine coated graphene oxide nanofibrous composite membrane for anionic dyes separation. <i>Chemical Engineering Journal</i> , 2018, 333, 132-145.	12.7	244
7	Dielectric thermally conductive and stable poly(arylene ether nitrile) composites filled with silver nanoparticles decorated hexagonal boron nitride. <i>Ceramics International</i> , 2018, 44, 2021-2029.	4.8	42
8	Sulfonated poly(arylene ether nitrile)/polypyrrole core/shell nanofibrous mat: an efficient absorbent for the removal of hexavalent chromium from aqueous solution. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 1432-1442.	3.2	26
9	Thermally and chemically stable poly(arylene ether nitrile)/halloysite nanotubes intercalated graphene oxide nanofibrous composite membranes for highly efficient oil/water emulsion separation in harsh environment. <i>Journal of Membrane Science</i> , 2018, 567, 76-88.	8.2	95
10	One-Pot Synthesis of Novel Amino-Functionalized Fe ₃ O ₄ Hybrid Microspheres for Cu(II) Removal from Aqueous Solutions. <i>Russian Journal of Applied Chemistry</i> , 2018, 91, 1009-1017.	0.5	0
11	Easy-handling bamboo-like polypyrrole nanofibrous mats with high adsorption capacity for hexavalent chromium removal. <i>Journal of Colloid and Interface Science</i> , 2018, 529, 385-395.	9.4	47
12	Enhanced dielectric permittivity and thermal conductivity of hexagonal boron nitride/poly(arylene ether nitrile) composites. <i>Ceramics International</i> , 2017, 43, 12109-12119.	4.8	41
13	Hydrothermal synthesis of graphene oxide/multiwalled carbon nanotube/Fe ₃ O ₄ ternary nanocomposite for removal of Cu (II) and methylene blue. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	1.9	21
14	High-performance magnetic poly(arylene ether nitrile) nanocomposites: Co-modification of Fe ₃ O ₄ via mussel inspired poly(dopamine) and amino functionalized silane KH550. <i>Applied Surface Science</i> , 2017, 425, 905-914.	6.1	55
15	Core@double-shell structured magnetic halloysite nanotube nano-hybrid as efficient recyclable adsorbent for methylene blue removal. <i>Chemical Engineering Journal</i> , 2017, 330, 491-504.	12.7	201
16	Exfoliated graphite nanoplatelets/poly(arylene ether nitrile) nanocomposites. <i>High Performance Polymers</i> , 2017, 29, 1121-1129.	1.8	9
17	Nitrile functionalized halloysite nanotubes/poly(arylene ether nitrile) nanocomposites: Interface control, characterization, and improved properties. <i>Applied Surface Science</i> , 2017, 393, 1-10.	6.1	94
18	Improving the properties of poly(arylene ether nitrile) composites reinforced by covalently modified multi-walled carbon nanotubes. <i>High Performance Polymers</i> , 2017, 29, 1058-1068.	1.8	2

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19	Novel amino-functionalized Fe ₃ O ₄ /carboxylic multi-walled carbon nanotubes: One-pot synthesis, characterization and removal for Cu(II). Russian Journal of Applied Chemistry, 2016, 89, 1894-1902.	0.5	17
20	Two step hydrothermal synthesis of flowerbud-like magnetite/graphene oxide hybrid with high-performance microwave absorption. Russian Journal of Applied Chemistry, 2016, 89, 297-303.	0.5	8