

# 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	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
2	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
3	Epoxy composites coating with Fe <sub>3</sub> O <sub>4</sub> 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
4	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
5	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
6	3D carbon fiber mats/nano-Fe <sub>3</sub> O <sub>4</sub> hybrid material with high electromagnetic shielding performance. <i>Applied Surface Science</i> , 2018, 444, 710-720.	6.1	70
7	High-performance magnetic poly(arylene ether nitrile) nanocomposites: Co-modification of Fe <sub>3</sub> O <sub>4</sub> via mussel inspired poly(dopamine) and amino functionalized silane KH550. <i>Applied Surface Science</i> , 2017, 425, 905-914.	6.1	55
8	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
9	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
10	Enhanced dielectric permittivity and thermal conductivity of hexagonal boron nitride/poly(arylene ether nitrile) nanocomposites. <i>Ceramics International</i> , 2017, 43, 12109-12119.	4.8	41
11	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
12	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
13	Hydrothermal synthesis of graphene oxide/multiwalled carbon nanotube/Fe <sub>3</sub> O <sub>4</sub> ternary nanocomposite for removal of Cu(II) and methylene blue. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	1.9	21
14	Novel amino-functionalized Fe <sub>3</sub> O <sub>4</sub> /carboxylic multi-walled carbon nanotubes: One-pot synthesis, characterization and removal for Cu(II). <i>Russian Journal of Applied Chemistry</i> , 2016, 89, 1894-1902.	0.5	17
15	Hierarchical Fe <sub>3</sub> O <sub>4</sub> -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
16	Exfoliated graphite nanoplatelets/poly(arylene ether nitrile) nanocomposites. <i>High Performance Polymers</i> , 2017, 29, 1121-1129.	1.8	9
17	Two step hydrothermal synthesis of flowerbud-like magnetite/graphene oxide hybrid with high-performance microwave absorption. <i>Russian Journal of Applied Chemistry</i> , 2016, 89, 297-303.	0.5	8
18	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

#	ARTICLE	IF	CITATIONS
19	Improving the properties of poly(arylene ether nitrile) composites reinforced by covalently modified multi-walled carbon nanotubes. High Performance Polymers, 2017, 29, 1058-1068.	1.8	2
20	One-Pot Synthesis of Novel Amino-Functionalized Fe <sub>3</sub> O <sub>4</sub> Hybrid Microspheres for Cu(II) Removal from Aqueous Solutions. Russian Journal of Applied Chemistry, 2018, 91, 1009-1017.	0.5	0