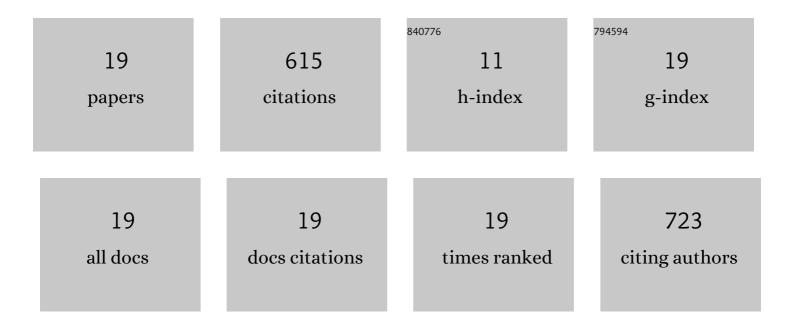
Xia Zhang

List of Publications by Year in descending order

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YIA ZHANC

#	Article	IF	CITATIONS
1	Strong robust superhydrophobic C/silicone monolith for photothermal ice removal. Journal of Materials Science, 2022, 57, 6963-6970.	3.7	8
2	Fabrication of C-Doped Titanium Dioxide Coatings with Improved Anti-icing and Tribological Behavior. Langmuir, 2022, 38, 576-583.	3.5	5
3	Mussel-Inspired Interfacial Modification for Ultra-Stable MoS ₂ Lubricating Films with Improved Tribological Behavior on Nano-Textured ZnO Surfaces Using the AACVD Method. ACS Applied Materials & Interfaces, 2022, 14, 27484-27494.	8.0	7
4	Durable fire retardant, superhydrophobic, abrasive resistant and air/UV stable coatings. Journal of Colloid and Interface Science, 2021, 582, 301-311.	9.4	39
5	Nonfluoride-modified halloysite nanotube-based hybrid: potential for acquiring super-hydrophobicity and improving flame retardancy of epoxy resin. Journal of Nanostructure in Chemistry, 2021, 11, 353-366.	9.1	9
6	Magnetic Field-Induced Orientation of Modified Boron Nitride Nanosheets in Epoxy Resin with Improved Flame and Wear Resistance. Langmuir, 2021, 37, 8222-8231.	3.5	12
7	Flame retardant and superhydrophobic composites via oriented arrangement of boron nitride nanosheets. Journal of Materials Science, 2021, 56, 19955-19968.	3.7	1
8	Flexible and Strong Robust Superhydrophobic Monoliths with Antibacterial Property. ACS Applied Polymer Materials, 2020, 2, 4856-4863.	4.4	22
9	Modifying Epoxy Resins to Resist Both Fire and Water. Langmuir, 2019, 35, 14332-14338.	3.5	12
10	Reactive silica nanoparticles turn epoxy coating from hydrophilic to super-robust superhydrophobic. RSC Advances, 2019, 9, 12547-12554.	3.6	28
11	Computational Intelligenceâ€Assisted Understanding of Natureâ€Inspired Superhydrophobic Behavior. Advanced Science, 2018, 5, 1700520.	11.2	19
12	Large-scale fabrication of translucent and repairable superhydrophobic spray coatings with remarkable mechanical, chemical durability and UV resistance. Journal of Materials Chemistry A, 2017, 5, 10622-10631.	10.3	164
13	Flexible and mechanically robust superhydrophobic silicone surfaces with stable Cassie–Baxter state. Journal of Materials Chemistry A, 2016, 4, 14180-14186.	10.3	71
14	Facile fabrication of stable superhydrophobic SiO2/polystyrene coating and separation of liquids with different surface tension. Chemical Engineering Journal, 2013, 231, 414-419.	12.7	88
15	Formation, growth mechanism and packing sequences of binary alloy cluster anions from laser ablation of mixtures of lead and transition metals. Rapid Communications in Mass Spectrometry, 2003, 17, 621-626.	1.5	13
16	Reactions of first-row transition metal ions with propargyl alcohol in the gas phase. Rapid Communications in Mass Spectrometry, 2001, 15, 1317-1321.	1.5	8
17	Laser ablation of Co/Ge mixtures: a new type of endohedral structure, a semiconductor cage trapping a metal atom. Rapid Communications in Mass Spectrometry, 2001, 15, 1573-1576.	1.5	51
18	Formation of binary alloy cluster ions from group-14 elements and cobalt and comparison with solid-state alloys. Rapid Communications in Mass Spectrometry, 2001, 15, 2399-2403.	1.5	47

#	Article	IF	CITATIONS
19	Formation, photodissociation and structure of chromium/phosphorus binary cluster ions. Rapid Communications in Mass Spectrometry, 2000, 14, 1255-1259.	1.5	11