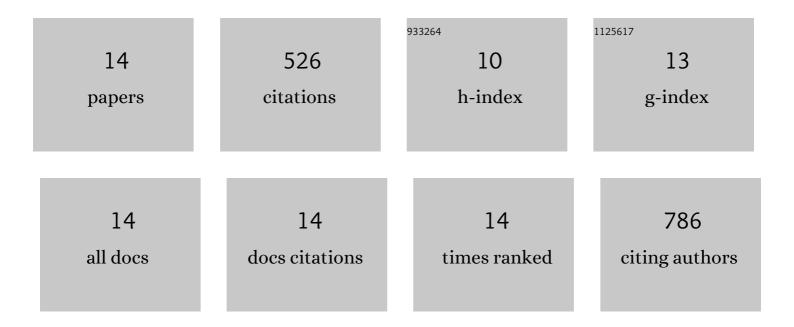
Xiaoda Sun

List of Publications by Year in descending order

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XIAODA SUN

#	Article	IF	CITATIONS
1	Water permeation and corrosion resistance of single- and two-component hydrophobic polysiloxane barrier coatings. Journal of Coatings Technology Research, 2017, 14, 1247-1258.	1.2	3
2	Suppression of Frost Nucleation Achieved Using the Nanoengineered Integral Humidity Sink Effect. ACS Nano, 2017, 11, 906-917.	7.3	47
3	FIB milling of polymer ceramic nanocomposites: far-reaching thermal artefacts and application to analysis of corrosion barrier coatings. Microscopy and Microanalysis, 2016, 22, 142-143.	0.2	0
4	Farâ€reaching geometrical artefacts due to thermal decomposition of polymeric coatings around focused ion beam milled pigment particles. Journal of Microscopy, 2016, 262, 316-325.	0.8	2
5	Microscale Mechanism of Age Dependent Wetting Properties of Prickly Pear Cacti (<i>Opuntia</i>). Langmuir, 2016, 32, 9335-9341.	1.6	22
6	Rapid and scalable lubrication and replenishment of liquid-infused materials. Surface Innovations, 2016, 4, 102-108.	1.4	17
7	Why is it difficult to wash aphids off from superhydrophobic kale?. Bioinspiration and Biomimetics, 2016, 11, 054001.	1.5	3
8	Can liquid metal flow in microchannels made of its own oxide skin?. Microfluidics and Nanofluidics, 2016, 20, 1.	1.0	27
9	Can Metal Matrixâ€Hydrophobic Nanoparticle Composites Enhance Water Condensation by Promoting the Dropwise Mode?. Advanced Materials Interfaces, 2015, 2, 1500202.	1.9	14
10	Inhibition of Condensation Frosting by Arrays of Hygroscopic Antifreeze Drops. Langmuir, 2015, 31, 13743-13752.	1.6	43
11	"Insensitive―to Touch: Fabric-Supported Lubricant-Swollen Polymeric Films for Omniphobic Personal Protective Gear. ACS Applied Materials & Interfaces, 2015, 7, 4224-4232.	4.0	30
12	Design and characterization of a single channel two-liquid capacitor and its application to hyperelastic strain sensing. Lab on A Chip, 2015, 15, 1376-1384.	3.1	26
13	Bioinspired Stimuliâ€Responsive and Antifreeze‣ecreting Antiâ€Icing Coatings. Advanced Materials Interfaces, 2015, 2, 1400479.	1.9	119
14	Dropwise Condensation of Low Surface Tension Fluids on Omniphobic Surfaces. Scientific Reports, 2014, 4, 4158.	1.6	173