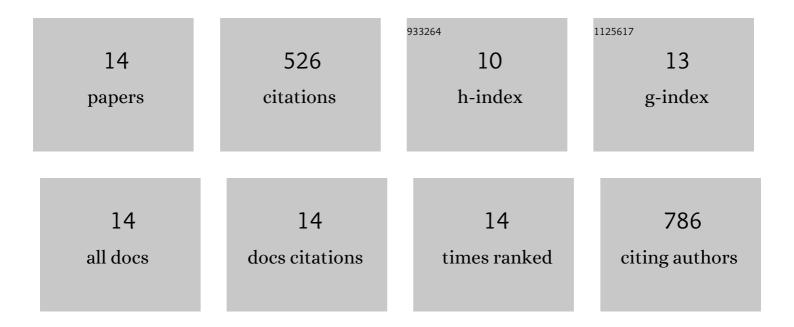
Xiaoda Sun

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 |