# Xinghua Wu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8400995/publications.pdf

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|---|---|---|---|
| 15 papers | 1,157 citations | 687363 13 h-index | 996975 15 g-index |
| 15 all docs | 15 docs citations | 15 times ranked | 1180 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A polyester-silica anti-condensation surface with anti-fouling property. Chemical Engineering Journal, 2022, 440, 135934. | 12.7 | 9 |
| 2 | A breathable and environmentally friendly superhydrophobic coating for anti-condensation applications. Chemical Engineering Journal, 2021, 412, 128725. | 12.7 | 29 |
| 3 | Clarifying the Correlation of Ice Adhesion Strength with Water Wettability and Surface Characteristics. Langmuir, 2020, 36, 12190-12201. | 3.5 | 8 |
| 4 | Design and durability study of environmental-friendly room-temperature processable icephobic coatings. Chemical Engineering Journal, 2019, 355, 901-909. | 12.7 | 64 |
| 5 | Icephobic materials: Fundamentals, performance evaluation, and applications. Progress in Materials Science, 2019, 103, 509-557. | 32.8 | 258 |
| 6 | When superhydrophobic coatings are icephobic: Role of surface topology. Surface and Coatings Technology, 2019, 358, 207-214. | 4.8 | 76 |
| 7 | Durable Waterborne Hydrophobic Bio-Epoxy Coating with Improved Anti-Icing and Self-Cleaning Performance. ACS Sustainable Chemistry and Engineering, 2019, 7, 641-649. | 6.7 | 77 |
| 8 | Transparent icephobic coatings using bio-based epoxy resin. Materials and Design, 2018, 140, 516-523. | 7.0 | 49 |
| 9 | Mechanically Robust Transparent Antiâ€Icing Coatings: Roles of Dispersion Status of Titanate Nanotubes. Advanced Materials Interfaces, 2018, 5, 1800773. | 3.7 | 16 |
| 10 | A mechanically robust transparent coating for anti-icing and self-cleaning applications. Journal of Materials Chemistry A, 2018, 6, 16043-16052. | 10.3 | 99 |
| 11 | Solution-processed inorganic copper(i) thiocyanate as a hole injection layer for high-performance quantum dot-based light-emitting diodes. RSC Advances, 2017, 7, 26322-26327. | 3.6 | 27 |
| 12 | Mechanically robust superhydrophobic and superoleophobic coatings derived by solâ€“gel method. Materials and Design, 2016, 89, 1302-1309. | 7.0 | 130 |
| 13 | Development of durable self-cleaning coatings using organicâ€“inorganic hybrid solâ€“gel method. Applied Surface Science, 2015, 344, 205-212. | 6.1 | 94 |
| 14 | Hydrophobic solâ€“gel coatings based on polydimethylsiloxane for self-cleaning applications. Materials and Design, 2015, 86, 855-862. | 7.0 | 75 |
| 15 | Development of Solâ€“Gel Icephobic Coatings: Effect of Surface Roughness and Surface Energy. ACS Applied Materials & Interfaces, 2014, 6, 20685-20692. | 8.0 | 146 |