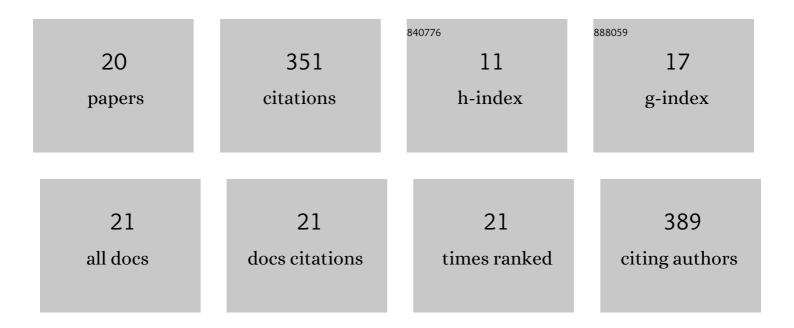
## S Farshid Chini

List of Publications by Year in descending order

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S FADSHID CHINI

| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Understanding Pattern Collapse in Photolithography Process Due to Capillary Forces. Langmuir, 2010, 26, 13707-13714.   | 3.5  | 72        |
| 2  | A method for measuring contact angle of asymmetric and symmetric drops. Colloids and Surfaces A:<br>Physicochemical and Engineering Aspects, 2011, 388, 29-37.   | 4.7  | 67        |
| 3  | Corrosion properties and surface free energy of the Zn Al LDH/rGO coating on MAO pretreated AZ31 magnesium alloy. Surface and Coatings Technology, 2021, 426, 127764.  | 4.8  | 33        |
| 4  | A numerical study on the performance of a superhydrophobic coated very low head (VLH) axial hydraulic turbine using entropy generation method. Renewable Energy, 2020, 147, 409-422.                         | 8.9  | 32        |
| 5  | A methodology to determine the adhesion force of arbitrarily shaped drops with convex contact lines. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 436, 425-433.                   | 4.7  | 23        |
| 6  | Understanding the evaporation of spherical drops in quiescent environment. Colloids and Surfaces A:<br>Physicochemical and Engineering Aspects, 2013, 432, 82-88.  | 4.7  | 19        |
| 7  | Numerical simulation of droplet impact on vibrating low-adhesion surfaces. Physics of Fluids, 2020, 32, .  | 4.0  | 18        |
| 8  | Resolving an ostensible inconsistency in calculating the evaporation rate of sessile drops. Advances in Colloid and Interface Science, 2017, 243, 121-128.   | 14.7 | 14        |
| 9  | Numerical investigation of vibration-induced droplet shedding on smooth surfaces with large contact angles. Physical Review E, 2019, 100, 023105.  | 2.1  | 14        |
| 10 | Vibration-enhanced condensation heat transfer on superhydrophobic surfaces: An experimental study. AIP Advances, 2020, 10, .   | 1.3  | 13        |
| 11 | lcing of static and high-speed water droplets on superhydrophobic surface. Materials Letters, 2021, 285, 129048.   | 2.6  | 12        |
| 12 | Effect of Wind Flow and Solar Radiation on Functionality of Water Evaporation Suppression<br>Monolayers. Water Resources Management, 2019, 33, 3513-3522.  | 3.9  | 9         |
| 13 | Numerical investigation of vibration-induced droplet shedding on microstructured superhydrophobic surfaces. Physical Review E, 2019, 99, 063111.   | 2.1  | 6         |
| 14 | Cavitation Detection of a Centrifugal Pump Using Noise Spectrum. , 2005, , 13.   |      | 5         |
| 15 | Collapse of patterns with various geometries during drying in photolithography: numerical study.<br>Journal of Micro/ Nanolithography, MEMS, and MOEMS, 2012, 11, 033003.                                    | 0.9  | 4         |
| 16 | Investigation of 2D drop evaporation on a smooth and homogeneous surface using Lattice Boltzmann method. International Communications in Heat and Mass Transfer, 2017, 89, 64-72.                            | 5.6  | 4         |
| 17 | Coalescence-induced droplet detachment on low-adhesion surfaces: A three-phase system study.<br>Physical Review E, 2019, 99, 063102.   | 2.1  | 3         |
| 18 | Liquid metal corrosion resistant LaPO4 coating with metallophobic characteristics fabricated on 316 stainless steel using electrophoretic deposition technique. Ceramics International, 2021, 48, 4563-4563. | 4.8  | 1         |

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | lonic current magnetic fields in 3D finite-length nanopores and nanoslits. European Physical Journal<br>Plus, 2022, 137, 312.          | 2.6 | 1         |
| 20 | A Finite Element Model for Predicting the Collapse of Short and Large Two-Line Patterns During Drving Process in Photolithography 2010 |     | 0         |

20 Drying Process in Photolithography. , 2010, , .