

Mohammad Rashed Khan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1117646/publications.pdf>

Version: 2024-02-01

14
papers

1,436
citations

933447

10
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

1643
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Crystallization and hydrogen absorption in a Ni ₃₂ Nb ₂₈ Zr ₃₀ Fe ₁₀ melt spun alloy and correlation with icosahedral clusters. International Journal of Hydrogen Energy, 2022, 47, 10298-10307. | 7.1 | 5 |
| 2 | A Compound Frequency- and Polarization- Reconfigurable Crossed Dipole Using Multidirectional Spreading of Liquid Metal. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 79-82. | 4.0 | 57 |
| 3 | Sensors: Stretchable Capacitive Sensors of Torsion, Strain, and Touch Using Double Helix Liquid Metal Fibers (Adv. Funct. Mater. 20/2017). Advanced Functional Materials, 2017, 27, . | 14.9 | 3 |
| 4 | Stretchable Capacitive Sensors of Torsion, Strain, and Touch Using Double Helix Liquid Metal Fibers. Advanced Functional Materials, 2017, 27, 1605630. | 14.9 | 257 |
| 5 | Vacuum filling of complex microchannels with liquid metal. Lab on A Chip, 2017, 17, 3043-3050. | 6.0 | 169 |
| 6 | Localized Instabilities of Liquid Metal Films via In-Plane Recapillarity. Advanced Materials Interfaces, 2016, 3, 1600546. | 3.7 | 23 |
| 7 | A Method to Manipulate Surface Tension of a Liquid Metal via Surface Oxidation and Reduction. Journal of Visualized Experiments, 2016, , e53567. | 0.3 | 6 |
| 8 | Microfluidics: Recapillarity: Electrochemically Controlled Capillary Withdrawal of a Liquid Metal Alloy from Microchannels (Adv. Funct. Mater. 5/2015). Advanced Functional Materials, 2015, 25, 654-654. | 14.9 | 3 |
| 9 | A reconfigurable liquid metal antenna driven by electrochemically controlled capillarity. Journal of Applied Physics, 2015, 117, . | 2.5 | 159 |
| 10 | Recapillarity: Electrochemically Controlled Capillary Withdrawal of a Liquid Metal Alloy from Microchannels. Advanced Functional Materials, 2015, 25, 671-678. | 14.9 | 112 |
| 11 | Influence of Water on the Interfacial Behavior of Gallium Liquid Metal Alloys. ACS Applied Materials & Interfaces, 2014, 6, 22467-22473. | 8.0 | 168 |
| 12 | Giant and switchable surface activity of liquid metal via surface oxidation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14047-14051. | 7.1 | 309 |
| 13 | A Pressure Responsive Fluidic Microstrip Open Stub Resonator Using a Liquid Metal Alloy. IEEE Microwave and Wireless Components Letters, 2012, 22, 577-579. | 3.2 | 59 |
| 14 | A frequency shifting liquid metal antenna with pressure responsiveness. Applied Physics Letters, 2011, 99, . | 3.3 | 106 |