

# Jianwei Guo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2705334/publications.pdf>

Version: 2024-02-01

9  
papers

322  
citations

1307594

7  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

337  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Successive Rebounds of Impinging Water Droplets on Superhydrophobic Surfaces. <i>Langmuir</i> , 2022, 38, 3860-3867.   | 3.5 | 17        |
| 2 | Modeling of salt and gypsum dissolution: applications, evaluation of geomechanical hazards. <i>European Journal of Environmental and Civil Engineering</i> , 2021, 25, 1405-1426.  | 2.1 | 5         |
| 3 | Underground Rock Dissolution and Geomechanical Issues. <i>Rock Mechanics and Rock Engineering</i> , 2021, 54, 3423-3445.   | 5.4 | 7         |
| 4 | Oblique droplet impact on superhydrophobic surfaces: Jets and bubbles. <i>Physics of Fluids</i> , 2020, 32, .  | 4.0 | 31        |
| 5 | Impact of viscous droplets on different wettable surfaces: Impact phenomena, the maximum spreading factor, spreading time and post-impact oscillation. <i>Journal of Colloid and Interface Science</i> , 2018, 516, 86-97. | 9.4 | 190       |
| 6 | Spreading of impinging droplets on nanostructured superhydrophobic surfaces. <i>Applied Physics Letters</i> , 2018, 113, .   | 3.3 | 26        |
| 7 | A theoretical and numerical framework for modeling gypsum cavity dissolution. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2016, 40, 1662-1689.                                     | 3.3 | 16        |
| 8 | Dispersion in Porous Media with Heterogeneous Nonlinear Reactions. <i>Transport in Porous Media</i> , 2015, 109, 541-570.  | 2.6 | 28        |
| 9 | Large-Scale Model for the Dissolution of Heterogeneous Porous Formations: Theory and Numerical Validation. <i>Transport in Porous Media</i> , 0, , 1.  | 2.6 | 2         |