

# Yafei Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10739598/publications.pdf>

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9  
papers

136  
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1684188  
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all docs

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docs citations

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times ranked

165  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | A microfluidic flow focusing platform to screen the evolution of crude oil-brine interfacial elasticity. Lab on A Chip, 2016, 16, 3074-3081.                               | 6.0 | 56        |
| 2 | Microfluidic investigations of crude oil-brine interface elasticity modifications via brine chemistry to enhance oil recovery. Fuel, 2019, 239, 338-346.                   | 6.4 | 29        |
| 3 | Two-phase displacements in microchannels of triangular cross-section. Journal of Colloid and Interface Science, 2017, 507, 234-241.  | 9.4 | 17        |
| 4 | Investigating low salinity waterflooding via glass micromodels with triangular pore-throat architectures. Fuel, 2021, 283, 119264.   | 6.4 | 15        |
| 5 | Determination of the pore-throat limits for water imbibition in tight sandstone reservoirs through NMR analysis. Journal of Geophysics and Engineering, 2019, 16, 253-261. | 1.4 | 10        |
| 6 | On the Imbibition Model for Oil-Water Replacement of Tight Sandstone Oil Reservoirs. Geofluids, 2021, 2021, 1-7.   | 0.7 | 4         |
| 7 | Bench scale glass-to-glass bonding for microfluidic prototyping. Microsystem Technologies, 2020, 26, 3581-3589.  | 2.0 | 3         |
| 8 | Effect of Salinity on the Imbibition Recovery Process of Tight Sandstone Reservoirs. Processes, 2022, 10, 228.   | 2.8 | 2         |
| 9 | Pore-Scale Investigation on the Plugging Behavior of Submicron-Sized Microspheres for Heterogeneous Porous Media with Higher Permeability. Geofluids, 2020, 2020, 1-9.     | 0.7 | 0         |