

# Kjetil ThÃ¸gersen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8627977/publications.pdf>

Version: 2024-02-01

14  
papers

255  
citations

1307594

7  
h-index

1058476

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

265  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | A Consistent Framework for Coupling Basal Friction With Subglacial Hydrology on Hardâ€Bedded Glaciers. <i>Geophysical Research Letters</i> , 2022, 49, .  | 4.0  | 6         |
| 2  | Minimal model for the onset of slip pulses in frictional rupture. <i>Physical Review E</i> , 2021, 103, 052802.   | 2.1  | 4         |
| 3  | Rate-and-state friction explains glacier surge propagation. <i>Nature Communications</i> , 2019, 10, 2823.  | 12.8 | 50        |
| 4  | Minimal model for slow, sub-Rayleigh, supershear, and unsteady rupture propagation along homogeneously loaded frictional interfaces. <i>Physical Review E</i> , 2019, 100, 043004.                            | 2.1  | 3         |
| 5  | Statistics of the separation between sliding rigid rough surfaces: Simulations and extreme value theory approach. <i>Physical Review E</i> , 2019, 99, 023004.  | 2.1  | 6         |
| 6  | The Moment Duration Scaling Relation for Slow Rupture Arises From Transient Rupture Speeds. <i>Geophysical Research Letters</i> , 2019, 46, 12805-12814.  | 4.0  | 6         |
| 7  | Mixing of the fluid phase in slowly sheared particle suspensions of cylinders. <i>Journal of Fluid Mechanics</i> , 2017, 818, 807-837.  | 3.4  | 2         |
| 8  | Transient cluster formation in sheared non-Brownian suspensions. <i>Physical Review E</i> , 2016, 93, 022611.   | 2.1  | 4         |
| 9  | Steady-state propagation speed of rupture fronts along one-dimensional frictional interfaces. <i>Physical Review E</i> , 2015, 92, 032406.  | 2.1  | 15        |
| 10 | Speed of fast and slow rupture fronts along frictional interfaces. <i>Physical Review E</i> , 2015, 92, 012408.   | 2.1  | 18        |
| 11 | History-dependent friction and slow slip from time-dependent microscopic junction laws studied in a statistical framework. <i>Physical Review E</i> , 2014, 89, 052401.                                       | 2.1  | 17        |
| 12 | Slow slip and the transition from fast to slow fronts in the rupture of frictional interfaces. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8764-8769. | 7.1  | 39        |
| 13 | Shale gas: Opportunities and challenges. <i>Environmental Geosciences</i> , 2013, 20, 151-164.  | 0.6  | 33        |
| 14 | 1D Model of Precursors to Frictional Stick-Slip Motion Allowing for Robust Comparison with Experiments. <i>Tribology Letters</i> , 2012, 45, 357-369.   | 2.6  | 51        |