

# 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  
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docs citations

17  
times ranked

265  
citing authors

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