

# Eskil Aursand

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/200315/publications.pdf>

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17  
papers

355  
citations

840119

11  
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887659

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all docs

17  
docs citations

17  
times ranked

342  
citing authors

#	ARTICLE	IF	CITATIONS
1	A combined fluid-dynamic and thermodynamic model to predict the onset of rapid phase transitions in LNG spills. <i>Journal of Loss Prevention in the Process Industries</i> , 2021, 69, 104354.	1.7	7
2	Liquid Hydrogen Spills on Water – Risk and Consequences of Rapid Phase Transition. <i>Energies</i> , 2021, 14, 4789.	1.6	11
3	Comparison of kinetic theory evaporation models for liquid thin-films. <i>International Journal of Multiphase Flow</i> , 2019, 116, 67-79.	1.6	22
4	Inclined film boiling: Film stability and heat transfer. <i>International Journal of Multiphase Flow</i> , 2019, 111, 175-187.	1.6	6
5	Performance analysis of heat and energy recovery ventilators using exergy analysis and nonequilibrium thermodynamics. <i>Energy and Buildings</i> , 2018, 170, 195-205.	3.1	14
6	Inclination dependence of planar film boiling stability. <i>International Journal of Multiphase Flow</i> , 2018, 106, 243-253.	1.6	3
7	Thermocapillary instability as a mechanism for film boiling collapse. <i>Journal of Fluid Mechanics</i> , 2018, 852, 283-312.	1.4	19
8	Predicting triggering and consequence of delayed LNG RPT. <i>Journal of Loss Prevention in the Process Industries</i> , 2018, 55, 124-133.	1.7	14
9	The spinodal of single- and multi-component fluids and its role in the development of modern equations of state. <i>Fluid Phase Equilibria</i> , 2017, 436, 98-112.	1.4	39
10	Thermodynamic Modeling with Equations of State: Present Challenges with Established Methods. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 3503-3515.	1.8	95
11	The influence of CO <sub>2</sub> mixture composition and equations of state on simulations of transient pipeline decompression. <i>International Journal of Greenhouse Gas Control</i> , 2016, 54, 599-609.	2.3	9
12	Fracture propagation control in CO <sub>2</sub> pipelines: Validation of a coupled fluid-structure model. <i>Engineering Structures</i> , 2016, 123, 192-212.	2.6	39
13	Potential of enhancing a natural convection loop with a thermomagnetically pumped ferrofluid. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 417, 148-159.	1.0	16
14	A multi-phase ferrofluid flow model with equation of state for thermomagnetic pumping and heat transfer. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 402, 8-19.	1.0	23
15	CO <sub>2</sub> Pipeline Integrity: Comparison of a Coupled Fluid-structure Model and Uncoupled Two-curve Methods. <i>Energy Procedia</i> , 2014, 51, 382-391.	1.8	15
16	Heat Transfer Characteristics of a Pipeline for CO <sub>2</sub> Transport with Water as Surrounding Substance. <i>Energy Procedia</i> , 2013, 37, 3047-3056.	1.8	9
17	CO <sub>2</sub> Pipeline Integrity: A Coupled Fluid-structure Model Using a Reference Equation of State for CO <sub>2</sub> . <i>Energy Procedia</i> , 2013, 37, 3113-3122.	1.8	14