

# Odd Kolbjørnsen

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

459  
citations

759233

12  
h-index

996975

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

241  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bayesian lithology and fluid prediction from seismic prestack data. <i>Geophysics</i> , 2008, 73, C13-C21.	2.6	117
2	Rapid spatially coupled AVO inversion in the Fourier domain. <i>Geophysics</i> , 2003, 68, 824-836.	2.6	72
3	Bayesian inversion of CSEM and magnetotelluric data. <i>Geophysics</i> , 2012, 77, E33-E42.	2.6	52
4	Facies Modeling Using a Markov Mesh Model Specification. <i>Mathematical Geosciences</i> , 2011, 43, 611.	2.4	41
5	A Gaussian-based framework for local Bayesian inversion of geophysical data to rock properties. <i>Geophysics</i> , 2016, 81, R75-R87.	2.6	38
6	Bayesian Monte Carlo method for seismic predrill prospect assessment. <i>Geophysics</i> , 2010, 75, O9-O19.	2.6	22
7	Lithology and fluid prediction from prestack seismic data using a Bayesian model with Markov process prior. <i>Geophysical Prospecting</i> , 2012, 60, 500-515.	1.9	20
8	Unsupervised deep learning with higher-order total-variation regularization for multidimensional seismic data reconstruction. <i>Geophysics</i> , 2022, 87, V59-V73.	2.6	17
9	Bayesian Dix inversion. <i>Geophysics</i> , 2011, 76, R15-R22.	2.6	15
10	Bayesian seismic inversion for stratigraphic horizon, lithology, and fluid prediction. <i>Geophysics</i> , 2020, 85, R207-R221.	2.6	15
11	Cross-streamer wavefield reconstruction through wavelet domain learning. <i>Geophysics</i> , 2020, 85, V457-V471.	2.6	14
12	Bayesian neural networks for virtual flow metering: An empirical study. <i>Applied Soft Computing Journal</i> , 2021, 112, 107776.	7.2	12
13	Cross-streamer wavefield interpolation using deep convolutional neural network. , 2019, , .		8
14	Model-based fluid factor for controlled source electromagnetic data. <i>Geophysics</i> , 2012, 77, E21-E31.	2.6	6
15	Deciphering the seismic signature of the Edvard Grieg field, North Sea. , 2018, , .		4
16	Data-driven identification of stratigraphic units in 3D seismic data using hierarchical density-based clustering. <i>Geophysics</i> , 2020, 85, IM15-IM26.	2.6	3
17	Multi-task learning for virtual flow metering. <i>Knowledge-Based Systems</i> , 2021, 232, 107458.	7.1	3
18	Bayesian Inversion of Piecewise Affine Operators in a Gaussian Framework. <i>Journal of Computational and Graphical Statistics</i> , 2005, 14, 56-74.	1.7	0