

Clay Bell

List of Publications by Year in descending order

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13
papers

574
citations

933447

10
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

512
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling air emissions from complex facilities at detailed temporal and spatial resolution: The Methane Emission Estimation Tool (MEET). <i>Science of the Total Environment</i> , 2022, 824, 153653.	8.0	7
2	A Methane Emission Estimation Tool (MEET) for predictions of emissions from upstream oil and gas well sites with fine scale temporal and spatial resolution: Model structure and applications. <i>Science of the Total Environment</i> , 2022, 829, 154277.	8.0	16
3	Modeling temporal variability in the surface expression above a methane leak: The ESCAPE model. <i>Journal of Natural Gas Science and Engineering</i> , 2021, 96, 104275.	4.4	7
4	Detection Limits of Optical Gas Imaging for Natural Gas Leak Detection in Realistic Controlled Conditions. <i>Environmental Science & Technology</i> , 2020, 54, 11506-11514.	10.0	48
5	Evaluation of next generation emission measurement technologies under repeatable test protocols. <i>Elementa</i> , 2020, 8, .	3.2	23
6	Methane source attribution in a U.S. dry gas basin using spatial patterns of ground and airborne ethane and methane measurements. <i>Elementa</i> , 2019, 7, .	3.2	10
7	“Good versus Good Enough?” Empirical Tests of Methane Leak Detection Sensitivity of a Commercial Infrared Camera. <i>Environmental Science & Technology</i> , 2018, 52, 2368-2374.	10.0	58
8	Temporal variability largely explains top-down/bottom-up difference in methane emission estimates from a natural gas production region. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11712-11717.	7.1	87
9	Improved Mechanistic Understanding of Natural Gas Methane Emissions from Spatially Resolved Aircraft Measurements. <i>Environmental Science & Technology</i> , 2017, 51, 7286-7294.	10.0	83
10	Variation in Methane Emission Rates from Well Pads in Four Oil and Gas Basins with Contrasting Production Volumes and Compositions. <i>Environmental Science & Technology</i> , 2017, 51, 8832-8840.	10.0	94
11	Comparison of methane emission estimates from multiple measurement techniques at natural gas production pads. <i>Elementa</i> , 2017, 5, .	3.2	49
12	Scalable turbocharger performance maps for dynamic state-based engine models. <i>International Journal of Engine Research</i> , 2016, 17, 705-712.	2.3	5
13	An experimental investigation of incomplete combustion of gaseous fuels of a heavy-duty diesel engine supplemented with hydrogen and natural gas. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 7848-7859.	7.1	87