

Tengfang Xu

List of Publications by Year in descending order

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13
papers

576
citations

759233

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1125743

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all docs

14
docs citations

14
times ranked

575
citing authors

#	ARTICLE	IF	CITATIONS
1	A bottom-up model to estimate the energy efficiency improvement and CO2 emission reduction potentials in the Chinese iron and steel industry. <i>Energy</i> , 2013, 50, 315-325.	8.8	218
2	Reducing energy consumption and CO2 emissions by energy efficiency measures and international trading: A bottom-up modeling for the U.S. iron and steel sector. <i>Applied Energy</i> , 2014, 120, 133-146.	10.1	84
3	Characterization of energy use and performance of global cheese processing. <i>Energy</i> , 2009, 34, 1993-2000.	8.8	45
4	Reduce energy use and greenhouse gas emissions from global dairy processing facilities. <i>Energy Policy</i> , 2011, 39, 234-247.	8.8	41
5	Energy use and implications for efficiency strategies in global fluid-milk processing industry. <i>Energy Policy</i> , 2009, 37, 5334-5341.	8.8	39
6	Sustainability options in pulp and paper making: Costs of conserved energy and carbon reduction in the US. <i>Sustainable Cities and Society</i> , 2013, 8, 56-62.	10.4	33
7	Reducing carbon footprint in cement material making: Characterizing costs of conserved energy and reduced carbon emissions. <i>Sustainable Cities and Society</i> , 2013, 9, 54-61.	10.4	23
8	Undertaking high impact strategies: The role of national efficiency measures in long-term energy and emission reduction in steel making. <i>Applied Energy</i> , 2014, 122, 179-188.	10.1	21
9	Optimization of bathroom ventilation design for an ISO Class 5 clean ward. <i>Building Simulation</i> , 2009, 2, 133-142.	5.6	19
10	Developing long-term strategies to reduce energy use and CO2 emissions—analysis of three mitigation scenarios for iron and steel production in China. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2016, 21, 699-719.	2.1	19
11	An evaluation of the effects of various parameter weights on typical meteorological years used for building energy simulation. <i>Building Simulation</i> , 2009, 2, 19-28.	5.6	13
12	Influence of ventilation arrangements on particle removal in industrial cleanrooms with various tool coverage. <i>Building Simulation</i> , 2010, 3, 3-13.	5.6	13
13	Quantify the energy and environmental benefits of implementing energy-efficiency measures in China's iron and steel production. <i>Future Cities and Environment</i> , 2017, 1, 7.	1.6	3