

Ali Hasanbeigi

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

2,744
citations

304743

22
h-index

610901

24
g-index

29
all docs

29
docs citations

29
times ranked

2315
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging energy-efficiency and CO2 emission-reduction technologies for cement and concrete production: A technical review. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 6220-6238.	16.4	425
2	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
3	Alternative emerging ironmaking technologies for energy-efficiency and carbon dioxide emissions reduction: A technical review. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 33, 645-658.	16.4	217
4	A roadmap for China to peak carbon dioxide emissions and achieve a 20% share of non-fossil fuels in primary energy by 2030. <i>Applied Energy</i> , 2019, 239, 793-819.	10.1	197
5	Analysis of energy-efficiency opportunities for the cement industry in Shandong Province, China: A case study of 16 cement plants. <i>Energy</i> , 2010, 35, 3461-3473.	8.8	153
6	Assessment of energy efficiency improvement and CO2 emission reduction potentials in India's cement and iron & steel industries. <i>Journal of Cleaner Production</i> , 2014, 65, 131-141.	9.3	147
7	Comprehensive assessment of energy conservation and CO2 emissions mitigation in China's iron and steel industry based on dynamic material flows. <i>Applied Energy</i> , 2018, 209, 251-265.	10.1	147
8	Energy efficiency improvement and CO2 emission reduction opportunities in the cement industry in China. <i>Energy Policy</i> , 2013, 57, 287-297.	8.8	123
9	The CO2 abatement cost curve for the Thailand cement industry. <i>Journal of Cleaner Production</i> , 2010, 18, 1509-1518.	9.3	115
10	Assessment of emerging energy-efficiency technologies for the pulp and paper industry: a technical review. <i>Journal of Cleaner Production</i> , 2016, 122, 5-28.	9.3	107
11	Pathways to a low-carbon iron and steel industry in the medium-term – the case of Germany. <i>Journal of Cleaner Production</i> , 2017, 163, 84-98.	9.3	106
12	Barriers to energy efficiency improvement and decision-making behavior in Thai industry. <i>Energy Efficiency</i> , 2010, 3, 33-52.	2.8	100
13	The use of conservation supply curves in energy policy and economic analysis: The case study of Thai cement industry. <i>Energy Policy</i> , 2010, 38, 392-405.	8.8	98
14	Comparison of carbon dioxide emissions intensity of steel production in China, Germany, Mexico, and the United States. <i>Resources, Conservation and Recycling</i> , 2016, 113, 127-139.	10.8	90
15	Comparison of iron and steel production energy use and energy intensity in China and the U.S.. <i>Journal of Cleaner Production</i> , 2014, 65, 108-119.	9.3	79
16	Potential for reducing paper mill energy use and carbon dioxide emissions through plant-wide energy audits: A case study in China. <i>Applied Energy</i> , 2013, 102, 1334-1342.	10.1	73
17	Retrospective and prospective analysis of the trends of energy use in Chinese iron and steel industry. <i>Journal of Cleaner Production</i> , 2014, 74, 105-118.	9.3	52
18	Quantifying the co-benefits of energy-efficiency policies: A case study of the cement industry in Shandong Province, China. <i>Science of the Total Environment</i> , 2013, 458-460, 624-636.	8.0	48

#	ARTICLE	IF	CITATIONS
19	Energy conservation and CO2 mitigation potentials in the Chinese pulp and paper industry. Resources, Conservation and Recycling, 2017, 117, 74-84.	10.8	44
20	Motor systems energy efficiency supply curves: A methodology for assessing the energy efficiency potential of industrial motor systems. Energy Policy, 2011, 39, 6595-6607.	8.8	40
21	Energy efficiency in the Mexican iron and steel industry from an international perspective. Journal of Cleaner Production, 2017, 158, 335-348.	9.3	37
22	Moving beyond equipment and to systems optimization: techno-economic analysis of energy efficiency potentials in industrial steam systems in China. Journal of Cleaner Production, 2016, 120, 53-63.	9.3	34
23	Technical and cost assessment of energy efficiency improvement and greenhouse gas emission reduction potentials in Thai cement industry. Energy Efficiency, 2011, 4, 93-113.	2.8	27
24	Assessment of energy-saving and emission reduction potentials in China's ammonia industry. Clean Technologies and Environmental Policy, 2015, 17, 1633-1644.	4.1	18
25	Energy Efficiency Potential for China's Cement Industry: A Bottom-Up Technology-Level Analysis. , 2012, , 91-96.		0