

Gajanan Dattarao Surywanshi

List of Publications by Year in descending order

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9
papers

152
citations

1307594

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1474206

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98
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#	ARTICLE	IF	CITATIONS
1	4-E analyses of chemical looping combustion based subcritical, supercritical and ultra-supercritical coal-fired power plants. <i>Energy Conversion and Management</i> , 2019, 200, 112050.	9.2	41
2	Chemical looping combustion integrated Organic Rankine Cycled biomass-fired power plant – Energy and exergy analyses. <i>Renewable Energy</i> , 2020, 155, 931-949.	8.9	38
3	4-E and life cycle analyses of a supercritical coal direct chemical looping combustion power plant with hydrogen and power co-generation. <i>Energy</i> , 2021, 217, 119418.	8.8	19
4	Performance analysis of a double calcium looping–integrated biomass–fired power plant: Exploring a carbon reduction opportunity. <i>International Journal of Energy Research</i> , 2019, 43, 5301-5318.	4.5	12
5	CO ₂ capture and utilization from supercritical coal direct chemical looping combustion power plant – Comprehensive analysis of different case studies. <i>Applied Energy</i> , 2021, 304, 117915.	10.1	12
6	Formic acid synthesis – a case study of CO ₂ utilization from coal direct chemical looping combustion power plant. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2022, 44, 2220-2235.	2.3	10
7	Energy and exergy analyses of chemical looping combustion-based 660 MW & e supercritical coal-fired power plant. <i>International Journal of Exergy</i> , 2020, 31, 14.	0.4	10
8	A novel calcium looping–integrated <sc>NGCC</sc> power plant configuration for carbon capture and utilization – Comprehensive performance analysis. <i>International Journal of Energy Research</i> , 2022, 46, 900-922.	4.5	5
9	A novel thermally stable Fe ₂ O ₃ /Al ₂ O ₃ nanofiber-based oxygen carrier for chemical-looping combustion. <i>Chemical Papers</i> , 2022, 76, 3987-3993.	2.2	5