

Vladimir Kindra

List of Publications by Year in descending order

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papers

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1162889

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citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamic Optimization of Low-Temperature Cycles for the Power Industry. <i>Energies</i> , 2022, 15, 2979.	1.6	2
2	Methods for Competitiveness Improvement of High-Temperature Steam Turbine Power Plants. <i>Inventions</i> , 2022, 7, 44.	1.3	3
3	Research and Development of Tertiary Power Cycles. <i>Inventions</i> , 2022, 7, 56.	1.3	4
4	Research and Development of the Oxy-Fuel Combustion Power Cycles with CO ₂ Recirculation. <i>Energies</i> , 2021, 14, 2927.	1.6	21
5	A Study of Low-Potential Heat Utilization Methods for Oxy-Fuel Combustion Power Cycles. <i>Energies</i> , 2021, 14, 3364.	1.6	18
6	Techno-Economic Analysis of the Oxy-Fuel Combustion Power Cycles with Near-Zero Emissions. <i>Energies</i> , 2021, 14, 5358.	1.6	8
7	Structural and Parametric Optimization of S-CO ₂ Nuclear Power Plants. <i>Entropy</i> , 2021, 23, 1079.	1.1	12
8	Multi-stream heat exchanger for oxy-fuel combustion power cycle. <i>AIP Conference Proceedings</i> , 2021, , .	0.3	4
9	Structural and Parametric Optimization of S-CO ₂ Thermal Power Plants with a Pulverized Coal-Fired Boiler Operating in Russia. <i>Energies</i> , 2021, 14, 7136.	1.6	9
10	Comparative Analysis of Low-Grade Heat Utilization Methods for Thermal Power Plants with Back-Pressure Steam Turbines. <i>Energies</i> , 2021, 14, 8519.	1.6	7
11	Power Market Formation for Clean Energy Production as the Prerequisite for the Country's Energy Security. <i>Energies</i> , 2020, 13, 4930.	1.6	10
12	Thermodynamic optimization and equipment development for a high efficient fossil fuel power plant with zero emissions. <i>Journal of Cleaner Production</i> , 2019, 236, 117592.	4.6	56
13	Dataset of working fluid parameters and performance characteristics for the oxy-fuel, supercritical CO ₂ cycle. <i>Data in Brief</i> , 2019, 27, 104682.	0.5	5
14	Thermodynamic analysis of the net power oxy-combustion cycle. , 2019, , .		9
15	A Numerical Study of Heat and Mass Transfer in a Narrowing Channel with Pin Fin-Dimple Arrays. , 2018, , .		1
16	Modeling methods for oxy-fuel combustion cycles with multicomponent working fluid. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	9
17	Supercritical carbon dioxide gas turbines for high-power generation. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	7
18	Evaluation of Bleed Flow Precooling Influence on the Efficiency of the E-MATIANT Cycle. <i>Mechanics and Mechanical Engineering</i> , 2018, 22, 593-602.	0.2	5

#	ARTICLE	IF	CITATIONS
19	Entrepreneurial assessment of sustainable development technologies for power energy sector. Entrepreneurship and Sustainability Issues, 2018, 6, 429-445.	0.4	24
20	Study of design and technology factors influencing gas turbine blade cooling. Journal of Physics: Conference Series, 2017, 891, 012253.	0.3	2
21	Research and development of asymmetrical heat transfer augmentation method in radial channels of blades for high temperature gas turbines. Journal of Physics: Conference Series, 2017, 891, 012142.	0.3	2
22	SUSTAINABLE DEVELOPMENT OF REGIONAL HEAT SUPPLY SYSTEMS IN THE CONTEXT OF THE EURASIAN ECONOMIC UNION ENERGY MARKETS ASSOCIATION. Journal of Security and Sustainability Issues, 2017, 6, 745-760.	0.1	8
23	Design and feasibility study of energy-conserving thermal schemes for gas turbine-based CHP. Contemporary Engineering Sciences, 0, 9, 1559-1574.	0.2	1
24	Application of new flow stabilizers to reduce the flow non-uniformity. Contemporary Engineering Sciences, 0, 8, 1485-1494.	0.2	1