Flow deflectors to release the negative defect of natural tower

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Citation Report

#	Article	IF	Citations
1	An exploratory research on performance improvement of super-large natural draft wet cooling tower based on the reconstructed dry-wet hybrid rain zone. International Journal of Heat and Mass Transfer, 2019, 142, 118465.	4.8	36
2	Transient behavior of the cold end system in an indirect dry cooling thermal power plant under varying operating conditions. Energy, 2019, 181, 1202-1212.	8.8	6
3	A review of the crosswind effect on the natural draft cooling towers. Applied Thermal Engineering, 2019, 150, 250-270.	6.0	45
4	Internal flow reconstruction strategies to improve both thermo-flow performance and flue gas diffusion characteristic of the integrated dry-cooling tower and stack system. Applied Thermal Engineering, 2020, 166, 114675.	6.0	9
5	Study on the effects of apex angle of the delta-type radiator on thermo-flow performance of natural draft dry cooling tower. International Journal of Heat and Mass Transfer, 2020, 148, 119002.	4.8	17
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7	An exploratory research on performance improvement of super-large natural draft wet cooling tower based on the reconstructed dry-wet hybrid rain zone, part 2: Crosswind effects. International Journal of Heat and Mass Transfer, 2020, 160, 120225.	4.8	31
8	Cooling performance evaluation for double-layer configuration of air-cooled heat exchanger. International Journal of Heat and Mass Transfer, 2020, 151, 119396.	4.8	10
9	Impact of tower spacing on the performance of multiple short natural draft dry cooling towers for calm conditions. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 2021, 235, 885-894.	1.4	3
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14	The Effects of Different Air Channelsâ€™ Layout Patterns on Heat Transfer and Ventilation Characteristics of Wet Cooling Tower Under Crosswind Conditions. Journal of Thermal Science and Engineering Applications, 2021, 13, .	1.5	1
15	Exploratory research on annular-arranged moist media to improve cooling capacity of natural draft dry cooling tower and thermo-flow characteristics of its radiators. International Journal of Heat and Mass Transfer, 2021, 172, 121123.	4.8	15
16	Impact of Weather Conditions on the Operation of Power Unit Cooling Towers 905 MWe. Energies, 2021, 14, 6412.	3.1	3
17	Improvement mechanism of wedged column on the cooling performance of vertical delta radiator. International Journal of Heat and Mass Transfer, 2022, 188, 122619.	4.8	5
18	Numerical study of the dynamic response of the natural draft dry cooling tower under crosswind condition. Case Studies in Thermal Engineering, 2022, 34, 102027.	5.7	2

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19	Numerical study on the effects of layout compactness of the annular-aligned moist media on thermo-hydraulic performance of an indirect dry cooling tower. Applied Thermal Engineering, 2022, 213, 118649.	6.0	4
20	Effects of the forced convection induced by assistant fans on the thermal performance of an indirect dry cooling system. Case Studies in Thermal Engineering, 2022, 35, 102141.	5.7	5
21	The effect of crosswind and installation of wind-break deflector on the performance of natural draft dry cooling tower (NDDCT). Journal of Wind Engineering and Industrial Aerodynamics, 2022, 229, 105146.	3.9	6
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