Arif Widiatmojo

List of Publications by Year
in descending order

20	248	933447 10	940533 16
papers	citations	h-index	g-index

20	20	20	212
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Assessment of air dispersion characteristic in underground mine ventilation: Field measurement and numerical evaluation. Chemical Engineering Research and Design, 2015, 93, 173-181.	5.6	47
2	Ground-Source Heat Pumps with Horizontal Heat Exchangers for Space Cooling in the Hot Tropical Climate of Thailand. Energies, 2019, 12, 1274.	3.1	28
3	Turkish challenges for low-carbon society: Current status, government policies and social acceptance. Renewable and Sustainable Energy Reviews, 2017, 68, 596-608.	16.4	23
4	A Pilot Study on Geothermal Heat Pump (GHP) Use for Cooling Operations, and on GHP Site Selection in Tropical Regions Based on a Case Study in Thailand. Energies, 2018, 11, 2356.	3.1	23
5	Microemulsion and phase behavior properties of (Dimeric ammonium surfactant salt â€“ heavy crude oil) Tj ETQq1 1 0.784314 rgBT /Ov	3.5	17
6	Asphaltene Aggregation in Crude Oils during Supercritical Gas Injection. Energy & Fuels, 2016, 30, 1266-1278.	5.1	17
7	A Study on the Operational Condition of a Ground Source Heat Pump in Bangkok Based on a Field Experiment and Simulation. Energies, 2020, 13, 274.	3.1	15
8	Tracer gas measurement and simulation of turbulent diffusion in mine ventilation airways. Science in China Series A: Mathematics, 2008, 14, 523-529.	0.2	14
9	Predicting gas dispersion in large scale underground ventilation: A particle tracking approach. Building and Environment, 2016, 95, 171-181.	6.9	13
10	Using a capillary mat as a shallow heat exchanger for a ground source heat pump system. Energy and Buildings, 2020, 209, 109684.	6.7	12
11	Numerical simulations on potential application of ground source heat pumps with vertical ground heat exchangers in Bangkok and Hanoi. Energy Reports, 2021, 7, 6932-6944.	5.1	12
12	Numerical simulation to evaluate gas diffusion of turbulent flow in mine ventilation system. International Journal of Mining Science and Technology, 2013, 23, 349-355.	10.3	9
13	Discrete Tracer Point Method to Evaluate Turbulent Diffusion in Circular Pipe Flow. Journal of Flow Control Measurement &amp Visualization, 2013, 01, 57-68.	0.1	6
14	A grid-free particle tracking simulation for tracer dispersion in porous reservoir model. Journal of Unconventional Oil and Gas Resources, 2015, 11, 75-81.	3.5	5
15	Airflow Measurements and Evaluation of Effective Diffusion Coefficient in Large Scale of Mine Ventilation Network using with Tracer Gas Method. Journal of MMIJ, 2009, 125, 614-620.	0.3	3
16	Evaluation and Short-Term Test on Potential Utilization of Ground Source Heat Pump for Space Cooling in Southeast Asia. Lecture Notes in Civil Engineering, 2021, , 745-770.	0.4	2
17	Experiments Using Capillary Mat as Ground Heat Exchanger for Ground Source Heat Pump Heating Application. Energy and Power Engineering, 2019, 11, 363-378.	0.8	2
18	METODE GAS TRACER UNTUK EVALUASI EFISIENSI VENTILASI TAMBANG BAWAH TANAH. Indonesian Mining Professionals Journal, 2021, 3, 1-8.	0.1	0

#	Article	IF	Citations
19	Effect of Groundwater Flow and Thermal Conductivity on the Ground Source Heat Pump Performance at Bangkok and Hanoi: A Numerical Study. , 0, , .		0
20	Seasonal changes in thermal process based on thermal response test of borehole heat exchanger. Geothermics, 2022, 102, 102390.	3.4	0