Pichet Ninduangdee

List of Publications by Year
in descending order

14	227	1040056 9	1199594 12
papers	citations	h-index	g-index

14	14	14	210
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thermogravimetric Studies of Oil Palm Empty Fruit Bunch and Palm Kernel Shell: TG/DTG Analysis and Modeling. Energy Procedia, 2015, 79, 453-458.	1.8	37
2	Combustion of palm kernel shell in a fluidized bed: Optimization of biomass particle size and operating conditions. Energy Conversion and Management, 2014, 85, 800-808.	9.2	35
3	Study on burning oil palm kernel shell in a conical fluidized-bed combustor using alumina as the bed material. Journal of the Taiwan Institute of Chemical Engineers, 2013, 44, 1045-1053.	5.3	28
4	Combustion of an oil palm residue with elevated potassium content in a fluidized-bed combustor using alternative bed materials for preventing bed agglomeration. Bioresource Technology, 2015, 182, 272-281.	9.6	24
5	Fluidized bed co-combustion of rice husk pellets and moisturized rice husk: The effects of co-combustion methods on gaseous emissions. Biomass and Bioenergy, 2018, 112, 73-84.	5.7	23
6	Intensive exploration of the fuel characteristics of biomass and biochar from oil palm trunk and oil palm fronds for supporting increasing demand of solid biofuels in Thailand. Energy Reports, 2022, 8, 5640-5652.	5.1	23
7	A study on combustion of oil palm empty fruit bunch in a fluidized bed using alternative bed materials: Performance, emissions, and time-domain changes in the bed condition. Applied Energy, 2016, 176, 34-48.	10.1	20
8	Combustion of Oil Palm Shells in a Fluidized-bed Combustor Using Dolomite as the Bed Material to Prevent Bed Agglomeration. Energy Procedia, 2014, 52, 399-409.	1.8	11
9	Co-firing of oil palm residues in a fuel staged fluidized-bed combustor using mixtures of alumina and silica sand as the bed material. Applied Thermal Engineering, 2018, 144, 371-382.	6.0	10
10	Experimental investigation and empirical modeling of flow regimes and hydrodynamic characteristics of a cone-shaped bed using sandâ€“biomass binary mixtures. Chemical Engineering and Processing: Process Intensification, 2018, 131, 1-11.	3.6	5
11	The influence of fluidized bed co-combustion of cassava rhizome and eucalyptus bark on the combustor performance and time-related physiochemical changes of the bed material. Biomass and Bioenergy, 2019, 127, 105250.	5.7	5
12	Effects of (Co-)Combustion Techniques and Operating Conditions on the Performance and NO Emission Reduction in a Biomass-Fueled Twin-Cyclone Fluidized-Bed Combustor. Waste and Biomass Valorization, 2020, 11, 5375-5391.	3.4	5
13	Torrefaction of Oil Palm Frond using Dry Flue Gas. International Journal of Sustainable Energy and Environmental Research, 2022, 11, 57-66.	1.3	1
14	A Study on Physical and Chemical Changes in the Bed Material during Long-Term Combustion of Oil Palm Residues in a Fluidized Bed of Alumina Sand. Energy Procedia, 2015, 79, 865-870.	1.8	0