

Sittha Sukkasi

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

309
citations

1040056

9
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

447
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast pyrolysis of sugarcane and cassava residues in a free-fall reactor. <i>Energy</i> , 2012, 44, 1067-1077.	8.8	76
2	Influence of alcohol addition on properties of bio-oil produced from fast pyrolysis of eucalyptus bark in a free-fall reactor. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 1851-1857.	5.8	64
3	Challenges and considerations for planning toward sustainable biodiesel development in developing countries: Lessons from the Greater Mekong Subregion. <i>Renewable and Sustainable Energy Reviews</i> , 2010, 14, 3100-3107.	16.4	21
4	Investigation of operating parameters of water extraction processes for improving bio-oil quality. <i>Korean Journal of Chemical Engineering</i> , 2014, 31, 2229-2236.	2.7	20
5	Effect of in-situ addition of alcohol on yields and properties of bio-oil derived from fast pyrolysis of eucalyptus bark. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 120, 82-93.	5.5	17
6	Enhanced solar water disinfection using ZnO supported photocatalysts. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 349-356.	2.2	17
7	Reduction of zinc consumption with enhanced corrosion protection in hot-dip galvanized coatings: A process-based cost analysis. <i>Resources, Conservation and Recycling</i> , 2012, 58, 1-7.	10.8	16
8	Potential of greenhouse gas emission reduction in Thai road transport by ethanol bus technology. <i>Applied Energy</i> , 2013, 102, 112-123.	10.1	14
9	Towards stabilization of bio-oil by addition of antioxidants and solvents, and emulsification with conventional hydrocarbon fuels. , 2011, , .		13
10	Investigation of electrodeposited Ni-based coatings for biodiesel storage. <i>Applied Energy</i> , 2011, 88, 909-913.	10.1	13
11	Safety and durability of low-density polyethylene bags in solar water disinfection applications. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 1987-1996.	2.2	8
12	Stabilization of Empty Fruit Bunch (EFB) derived Bio-oil using Antioxidants. <i>Computer Aided Chemical Engineering</i> , 2014, 33, 223-228.	0.5	6
13	Improving the efficacy of solar water disinfection by incremental design innovation. <i>Clean Technologies and Environmental Policy</i> , 2015, 17, 2013-2027.	4.1	6
14	Electroless Ni-based coatings for biodiesel containers. <i>Journal of Coatings Technology Research</i> , 2011, 8, 141-147.	2.5	5
15	An integrated heat-transfer-fluid-dynamics-mass-transfer model for evaluating solar-dryer designs. <i>Journal of Food Processing and Preservation</i> , 2018, 42, e13649.	2.0	5
16	Environmental life style analysis (ELSA). , 2008, , .		4
17	Heat-transfer modeling as a design tool for improving solar water disinfection (SODIS) containers. <i>Clean Technologies and Environmental Policy</i> , 2014, 16, 1773-1780.	4.1	3
18	Material integrity of LDPE-based solar water disinfection reactors with improved usability. , 0, 66, 72-79.		1

#	ARTICLE	IF	CITATIONS
19	Environment-Community-Human-Oriented (ECHO) Design: A Context-Appropriate Design-Thinking Process for the Well-Being of Individuals, Communities, and the Local Environment. <i>Ecoproduction</i> , 2017, , 111-125.	0.8	0
20	Developing Assistive Bedside Furniture for Early Postoperative Mobilization in a Healthcare Setting With an Attentive Empathetic Design Approach. <i>Herd</i> , 2021, , 193758672110517.	1.5	0