

Peter Cooke

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,383
citations

623734

14
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

1667
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of direct conversion of wet algae to biodiesel under supercritical methanol conditions. <i>Bioresource Technology</i> , 2011, 102, 118-122.	9.6	321
2	Optimization of microwave-assisted transesterification of dry algal biomass using response surface methodology. <i>Bioresource Technology</i> , 2011, 102, 1399-1405.	9.6	178
3	Comparison of direct transesterification of algal biomass under supercritical methanol and microwave irradiation conditions. <i>Fuel</i> , 2012, 97, 822-831.	6.4	171
4	Direct conversion of wet algae to crude biodiesel under supercritical ethanol conditions. <i>Fuel</i> , 2014, 115, 720-726.	6.4	151
5	Subcritical water extraction of lipids from wet algae for biodiesel production. <i>Fuel</i> , 2014, 133, 73-81.	6.4	89
6	Thermal Stabilization of Collagen Fibers by Calcification. <i>Connective Tissue Research</i> , 1996, 33, 275-282.	2.3	81
7	In situ ethyl ester production from wet algal biomass under microwave-mediated supercritical ethanol conditions. <i>Bioresource Technology</i> , 2013, 139, 308-315.	9.6	79
8	Power dissipation in microwave-enhanced in situ transesterification of algal biomass to biodiesel. <i>Green Chemistry</i> , 2012, 14, 809.	9.0	64
9	Optimization of microwave-enhanced methanolysis of algal biomass to biodiesel under temperature controlled conditions. <i>Bioresource Technology</i> , 2013, 137, 278-285.	9.6	42
10	1-Butyl-3-methylimidazolium hydrogen sulfate catalyzed in-situ transesterification of <i>Nannochloropsis</i> to fatty acid methyl esters. <i>Energy Conversion and Management</i> , 2017, 132, 213-220.	9.2	35
11	Importance of Protein-Rich Components in Emulsifying Properties of Corn Fiber Gum. <i>Cereal Chemistry</i> , 2010, 87, 89-94.	2.2	34
12	First Report of <i>Rhodococcus</i> Isolates Causing Pistachio Bushy Top Syndrome on UCB-1™ Rootstock in California and Arizona. <i>Plant Disease</i> , 2015, 99, 1468-1476.	1.4	34
13	Microwave-mediated non-catalytic transesterification of algal biomass under supercritical ethanol conditions. <i>Journal of Supercritical Fluids</i> , 2013, 79, 67-72.	3.2	28
14	Detection and localization of the endophyte <i>Undifilum oxytropis</i> in locoweed tissues. <i>Botany</i> , 2012, 90, 1229-1236.	1.0	15
15	Evidence for nonpathogenic relationships of <i>Alternaria</i> section <i>Undifilum</i> endophytes within three host locoweed plant species. <i>Botany</i> , 2018, 96, 187-200.	1.0	14
16	Destabilization of collagen in hide and leather by anionic surfactants. II. Calorimetry of the reaction of collagen with sulfates. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1998, 36, 805-813.	2.1	11
17	Comment on "Evolutionary transitions between beneficial and phytopathogenic <i>Rhodococcus</i> challenge disease management". <i>ELife</i> , 2018, 7, .	6.0	9
18	Topographical imaging as a means of monitoring biodegradation of poly(hydroxyalkanoate) films. <i>Journal of Polymers and the Environment</i> , 2007, 15, 179-187.	5.0	7

#	ARTICLE	IF	CITATIONS
19	Nonthermal Inactivation of E. coli in Fruit Juices Using Radio Frequency Electric Fields. ACS Symposium Series, 2006, , 121-139.	0.5	5
20	Ectopic growth of the Chaetothyriales fungal symbiont on Ipomoea carnea. Botany, 0, , 1-9.	1.0	5
21	Synbiotic Matrices Derived from Plant Oligosaccharides and Polysaccharides. ACS Symposium Series, 2008, , 69-77.	0.5	4
22	Glutaraldehyde Cross-Linking of the Sheath-Core Structures in Collagen Fibrils of Skin. Annals of the New York Academy of Sciences, 1990, 580, 448-450.	3.8	3
23	Colonization and survival capacities underlying the multifaceted life of Rhodococcus sp. PBTS1 and PBTS2. Plant Pathology, 2021, 70, 567-583.	2.4	3