

# Rui Galhano Dos Santos

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

434  
citations

687363

13  
h-index

752698

20  
g-index

25  
all docs

25  
docs citations

25  
times ranked

421  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sonication as a foremost tool to improve cork liquefaction. <i>Industrial Crops and Products</i> , 2015, 74, 9-13.	5.2	35
2	Potential biofuel from liquefied cork – Higher heating value comparison. <i>Fuel</i> , 2016, 174, 114-117.	6.4	34
3	Replacement of petroleum-derived diols by sustainable biopolyols in one component polyurethane foams. <i>Journal of Cleaner Production</i> , 2019, 212, 1036-1043.	9.3	33
4	Estimation of HHV of lignocellulosic biomass towards hierarchical cluster analysis by Euclidean's distance method. <i>Fuel</i> , 2018, 221, 72-77.	6.4	32
5	Natural polymeric water-based adhesive from cork liquefaction. <i>Industrial Crops and Products</i> , 2016, 84, 314-319.	5.2	30
6	Valorizing potato peel waste: an overview of the latest publications. <i>Reviews in Environmental Science and Biotechnology</i> , 2016, 15, 585-592.	8.1	27
7	Potential biofuels from liquefied industrial wastes – Preliminary evaluation of heats of combustion and van Krevelen correlations. <i>Journal of Cleaner Production</i> , 2016, 137, 195-199.	9.3	26
8	Modelling of pine wood sawdust thermochemical liquefaction. <i>Biomass and Bioenergy</i> , 2019, 120, 200-210.	5.7	25
9	Is biomass liquefaction an option for the viability of poplar short rotation coppices? A preliminary experimental approach. <i>Energy</i> , 2017, 124, 40-45.	8.8	24
10	Design of simplified models for the estimation of higher heating value of refused derived fuels. <i>Fuel</i> , 2018, 212, 431-436.	6.4	20
11	Heuristic analysis of Eucalyptus globulus bark depolymerization via acid-liquefaction. <i>Cellulose</i> , 2017, 24, 659-668.	4.9	16
12	Estimation of higher heating value (HHV) of bio-oils from thermochemical liquefaction by linear correlation. <i>Fuel</i> , 2021, 302, 121149.	6.4	16
13	Converting a residue from an edible source ( <i>Ceratonia siliqua</i> L.) into a bio-oil. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103004.	6.7	14
14	Biomass acid-catalyzed liquefaction – Catalysts performance and polyhydric alcohol influence. <i>Data in Brief</i> , 2015, 5, 736-738.	1.0	13
15	One-Component Spray Polyurethane Foam from Liquefied Pinewood Polyols: Pursuing Eco-Friendly Materials. <i>Journal of Polymers and the Environment</i> , 2018, 26, 91-100.	5.0	13
16	Direct and efficient liquefaction of potato peel into bio-oil. <i>Environmental Chemistry Letters</i> , 2017, 15, 453-458.	16.2	12
17	Boosting the Higher Heating Value of Eucalyptus globulus via Thermochemical Liquefaction. <i>Sustainability</i> , 2021, 13, 3717.	3.2	11
18	Thermochemical liquefaction of pinewood shaves – Evaluating the performance of cleaner and sustainable alternative solvents. <i>Journal of Cleaner Production</i> , 2021, 304, 127088.	9.3	10

#	ARTICLE	IF	CITATIONS
19	Ultimate use of Cork “ Unorthodox and innovative applications. <i>Ciência &amp; Tecnologia Dos Materiais</i> , 2017, 29, 65-72.	0.5	9
20	Thermochemical Liquefaction as a Cleaner and Efficient Route for Valuing Pinewood Residues from Forest Fires. <i>Molecules</i> , 2021, 26, 7156.	3.8	9
21	Up-cycling tomato pomace by thermochemical liquefaction “ A response surface methodology assessment. <i>Biomass and Bioenergy</i> , 2022, 156, 106324.	5.7	7
22	Acid-Catalyzed Liquefaction of Biomasses from Poplar Clones for Short Rotation Coppice Cultivations. <i>Molecules</i> , 2022, 27, 304.	3.8	6
23	Simplified multiple linear regression models for the estimation of heating values of refuse derived fuels. <i>Fuel</i> , 2021, 294, 120541.	6.4	5
24	Liquefaction of almond husk for assessment as feedstock to obtain valuable bio-oils. <i>Pure and Applied Chemistry</i> , 2019, 91, 1177-1190.	1.9	4
25	Upcycling potato peel waste “ Data of the pre-screening of the acid-catalyzed liquefaction. <i>Data in Brief</i> , 2016, 7, 1455-1457.	1.0	3