Konstantinos Anastasakis

List of Publications by Year
in descending order

14	1,023	687363 13	1058476 14
papers	citations	h-index	g-index

14	14	14	1361
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wet oxidation of aqueous phase from hydrothermal liquefaction of sewage sludge. Water Research, 2022, 209, 117863.	11.3	22
2	Hydrothermal liquefaction of sewage sludge; energy considerations and fate of micropollutants during pilot scale processing. Water Research, 2020, 183, 116101.	11.3	73
3	Supercritical water gasification of biomass in fluidized bed: First results and experiences obtained from TU Delft/Gensos semi-pilot scale setup. Biomass and Bioenergy, 2018, 111, 330-342.	5.7	34
4	Continuous Hydrothermal Liquefaction of Biomass in a Novel Pilot Plant with Heat Recovery and Hydraulic Oscillation. Energies, 2018, 11, 2695.	3.1	130
5	The impact of dry torrefaction on the fast pyrolysis behavior of ash wood and commercial Dutch mixed wood in a pyroprobe. Fuel Processing Technology, 2018, 177, 255-265.	7.2	22
6	Rapid Determination of Water, Total Acid Number, and Phenolic Content in Bio-Crude from Hydrothermal Liquefaction of Biomass using FT-IR. Energy & Fuels, 2018, 32, 7660-7669.	5.1	18
7	Selection and Use of Manganese Dioxide by Neanderthals. Scientific Reports, 2016, 6, 22159.	3.3	72
8	Fast devolatilization characteristics of â€˜low costâ€™ biomass fuels, wood and reed. Potential feedstock for gasification. Fuel Processing Technology, 2016, 142, 157-166.	7.2	16
9	Influence of Torrefaction Pretreatment on Reactivity and Permanent Gas Formation during Devolatilization of Spruce. Energy & Fuels, 2015, 29, 5825-5834.	5.1	12
10	Hydrothermal liquefaction of four brown macro-algae commonly found on the UK coasts: An energetic analysis of the process and comparison with bio-chemical conversion methods. Fuel, 2015, 139, 546-553.	6.4	113
11	Pyrolysis behaviour of the main carbohydrates of brown macro-algae. Fuel, 2011, 90, 598-607.	6.4	179
12	Influence of cation on the pyrolysis and oxidation of alginates. Journal of Analytical and Applied Pyrolysis, 2011, 91, 344-351.	5.5	58
13	Investigation of the pyrolysis behaviour of brown algae before and after pre-treatment using PY-GC/MS and TGA. Journal of Analytical and Applied Pyrolysis, 2009, 85, 3-10.	5.5	178
14	Flocculation behavior of mallow and okra mucilage in treating wastewater. Desalination, 2009, 249, 786-791.	8.2	96