# 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 | Pyrolysis behaviour of the main carbohydrates of brown macro-algae. Fuel, 2011, 90, 598-607. | 6.4 | 179 |
| 2 | 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 |
| 3 | Continuous Hydrothermal Liquefaction of Biomass in a Novel Pilot Plant with Heat Recovery and Hydraulic Oscillation. Energies, 2018, 11, 2695. | 3.1 | 130 |
| 4 | 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 |
| 5 | Flocculation behavior of mallow and okra mucilage in treating wastewater. Desalination, 2009, 249, 786-791. | 8.2 | 96 |
| 6 | Hydrothermal liquefaction of sewage sludge; energy considerations and fate of micropollutants during pilot scale processing. Water Research, 2020, 183, 116101. | 11.3 | 73 |
| 7 | Selection and Use of Manganese Dioxide by Neanderthals. Scientific Reports, 2016, 6, 22159. | 3.3 | 72 |
| 8 | Influence of cation on the pyrolysis and oxidation of alginates. Journal of Analytical and Applied Pyrolysis, 2011, 91, 344-351. | 5.5 | 58 |
| 9 | 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 |
| 10 | 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 |
| 11 | Wet oxidation of aqueous phase from hydrothermal liquefaction of sewage sludge. Water Research, 2022, 209, 117863. | 11.3 | 22 |
| 12 | 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 |
| 13 | 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 |
| 14 | Influence of Torrefaction Pretreatment on Reactivity and Permanent Gas Formation during Devolatilization of Spruce. Energy & Fuels, 2015, 29, 5825-5834. | 5.1 | 12 |