

# Tom Kuppens

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

694  
citations

516710

16  
h-index

580821

25  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1050  
citing authors

#	ARTICLE	IF	CITATIONS
1	Techno-economic assessment of fast pyrolysis for the valorization of short rotation coppice cultivated for phytoextraction. <i>Journal of Cleaner Production</i> , 2015, 88, 336-344.	9.3	85
2	Social sustainability assessments in the biobased economy: Towards a systemic approach. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 1839-1853.	16.4	72
3	Developing Sustainable Agromining Systems in Agricultural Ultramafic Soils for Nickel Recovery. <i>Frontiers in Environmental Science</i> , 2018, 6, .	3.3	63
4	Life Cycle Assessment and Environmental Valuation of Biochar Production: Two Case Studies in Belgium. <i>Energies</i> , 2019, 12, 2166.	3.1	56
5	Activated carbon from pyrolysis of brewer's spent grain: Production and adsorption properties. <i>Waste Management and Research</i> , 2014, 32, 634-645.	3.9	52
6	Economic assessment of flash co-pyrolysis of short rotation coppice and biopolymer waste streams. <i>Journal of Environmental Management</i> , 2010, 91, 2736-2747.	7.8	50
7	Economics of Willow Pyrolysis After Phytoextraction. <i>International Journal of Phytoremediation</i> , 2008, 10, 561-583.	3.1	43
8	Development and techno-economic evaluation of a biorefinery based on biomass (waste) streams – case study in the Netherlands. <i>Biofuels, Bioproducts and Biorefining</i> , 2014, 8, 635-644.	3.7	39
9	Flash co-pyrolysis of biomass: The influence of biopolymers. <i>Journal of Analytical and Applied Pyrolysis</i> , 2009, 85, 87-97.	5.5	38
10	Identifying Social Indicators for Sustainability Assessment of CCU Technologies: A Modified Multi-criteria Decision Making. <i>Social Indicators Research</i> , 2020, 147, 15-44.	2.7	26
11	Economics of electricity and heat production by gasification or flash pyrolysis of short rotation coppice in Flanders (Belgium). <i>Biomass and Bioenergy</i> , 2011, 35, 1912-1924.	5.7	23
12	Exploitation of amaranth oil fractions enriched in squalene for dual delivery of hydrophilic and lipophilic actives. <i>Industrial Crops and Products</i> , 2015, 77, 342-352.	5.2	23
13	GIS-BASED location optimization of a biomass conversion plant on contaminated willow in the Campine region (Belgium). <i>Biomass and Bioenergy</i> , 2013, 55, 339-349.	5.7	22
14	Competences of the professional of the future in the circular economy: Evidence from the case of Limburg, Belgium. <i>Journal of Cleaner Production</i> , 2021, 281, 125365.	9.3	21
15	Techno-economic Assessment Methodology for Ultrasonic Production of Biofuels. <i>Biofuels and Biorefineries</i> , 2015, , 317-345.	0.5	20
16	A critical view on social performance assessment at company level: social life cycle analysis of an algae case. <i>International Journal of Life Cycle Assessment</i> , 2020, 25, 363-381.	4.7	18
17	Combining Monte Carlo simulations and experimental design for incorporating risk and uncertainty in investment decisions for cleantech: a fast pyrolysis case study. <i>Clean Technologies and Environmental Policy</i> , 2018, 20, 1195-1206.	4.1	10
18	The Potential Applications of <i>Bacillus</i> sp. and <i>Pseudomonas</i> sp. Strains with Antimicrobial Activity against Phytopathogens, in Waste Oils and the Bioremediation of Hydrocarbons. <i>Catalysts</i> , 2019, 9, 959.	3.5	8

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19	Medlarâ€™A Comprehensive and Integrative Review. <i>Plants</i> , 2021, 10, 2344.	3.5	6
20	Activated Carbon by Co-pyrolysis and Steam Activation from Particle Board and Melamine Formaldehyde Resin: Production, Adsorption Properties and Techno Economic Evaluation. <i>Journal of Sustainable Development of Energy, Water and Environment Systems</i> , 2013, 1, 41-57.	1.9	3
21	Biological properties of a biomaterial obtained from <i>Syzygium aromaticum</i> . <i>Molecular Crystals and Liquid Crystals</i> , 2019, 695, 45-52.	0.9	3
22	Biocharâ€™s effect on the ecosystem services provided by sandy-textured and contaminated sandy soils: a systematic review protocol. <i>Environmental Evidence</i> , 2021, 10, .	2.7	3
23	Energy Efficiency in School Buildings? How to Use in a Successful Way the Triple Bottom Line Framework?. <i>Smart Innovation, Systems and Technologies</i> , 2019, , 116-126.	0.6	3
24	Painting Degradation from Inside Wooden Churches Achieved in the Period 1750â€™1850. <i>Proceedings (mdpi)</i> , 2020, 57, 19.	0.2	1
25	Study Regarding the Potential Use of a Spent Microbial Biomass in Fertilizer Manufacturing. <i>Agronomy</i> , 2020, 10, 299.	3.0	1
26	Serious Games in Secondary Education to Introduce Circular Economy: Experiences With the Game EcoCEO. <i>Frontiers in Sustainability</i> , 2021, 2, .	2.6	1
27	Systems Integration for Biochar in European Forestry: Drivers and Strategies. , 0, , 70-95.		0
28	Antimicrobial Properties of Bionanomaterials Obtained from Vegetable Sources. <i>Proceedings (mdpi)</i> , 2019, 29, .	0.2	0
29	Synergistic Antioxidant Activity between Honey and Phenolic Compounds. <i>Proceedings (mdpi)</i> , 2020, 57, 11.	0.2	0
30	Developments of Tertiary Level Studies in Biotechnologies and Their Applications in Environmental Bioengineering. <i>Proceedings (mdpi)</i> , 2020, 57, 14.	0.2	0