

# Gerhard Piringer

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

781  
citations

840776

11  
h-index

940533

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1069  
citing authors

#	ARTICLE	IF	CITATIONS
1	Market development and consequences on end-of-life management of photovoltaic implementation in Europe. <i>Energy, Sustainability and Society</i> , 2020, 10, .	3.8	4
2	Life Cycle Assessment of Biogas Production from Unused Grassland Biomass Pretreated by Steam Explosion Using a System Expansion Method. <i>Sustainability</i> , 2020, 12, 9945.	3.2	5
3	Corn stover for biogas production: Effect of steam explosion pretreatment on the gas yields and on the biodegradation kinetics of the primary structural compounds. <i>Bioresource Technology</i> , 2017, 244, 949-956.	9.6	79
4	Environmental hot spot analysis in agricultural life-cycle assessments – three case studies. <i>Journal of Central European Agriculture</i> , 2016, 17, 477-492.	0.6	5
5	Environmental Effects of Steam Explosion Pretreatment on Biogas from Maize – Case Study of a 500-kW Austrian Biogas Facility. <i>Bioenergy Research</i> , 2016, 9, 198-207.	3.9	13
6	Land use and land use change in agricultural life cycle assessments and carbon footprints - the case for regionally specific land use change versus other methods. <i>Journal of Cleaner Production</i> , 2014, 73, 31-39.	9.3	41
7	Biogas Production from Steam-Exploded Miscanthus and Utilization of Biogas Energy and CO <sub>2</sub> in Greenhouses. <i>Bioenergy Research</i> , 2013, 6, 620-630.	3.9	60
8	Potential of different <i>Sorghum bicolor</i> (L. moench) varieties for combined ethanol and biogas production in the Pannonian climate of Austria. <i>Energy</i> , 2013, 55, 107-113.	8.8	17
9	Implementing an advanced waste separation step in an MBT plant: assessment of technical, economic and environmental impacts. <i>Waste Management and Research</i> , 2013, 31, 35-45.	3.9	1
10	Multifunctional Iron – Carbon Nanocomposites through an Aerosol-Based Process for the In Situ Remediation of Chlorinated Hydrocarbons. <i>Environmental Science &amp; Technology</i> , 2011, 45, 1949-1954.	10.0	75
11	Nanostructured Multifunctional Materials for Environmental Remediation of Chlorinated Hydrocarbons. <i>ACS Symposium Series</i> , 2010, , 163-179.	0.5	1
12	Nanoscale Zerovalent Iron Supported on Uniform Carbon Microspheres for the In situ Remediation of Chlorinated Hydrocarbons. <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 2854-2862.	8.0	83
13	Multifunctional Colloidal Particles for in Situ Remediation of Chlorinated Hydrocarbons. <i>Environmental Science &amp; Technology</i> , 2009, 43, 8616-8621.	10.0	53
14	Reevaluation of Energy Use in Wheat Production in the United States. <i>Journal of Industrial Ecology</i> , 2008, 10, 149-167.	5.5	47
15	Transport Characteristics of Nanoscale Functional Zerovalent Iron/Silica Composites for in Situ Remediation of Trichloroethylene. <i>Environmental Science &amp; Technology</i> , 2008, 42, 8871-8876.	10.0	165
16	Reactivity Characteristics of Nanoscale Zerovalent Iron – Silica Composites for Trichloroethylene Remediation. <i>Environmental Science &amp; Technology</i> , 2008, 42, 4494-4499.	10.0	128
17	Geostatistical Modeling and Mapping of Sediment Contaminant Concentrations. , 2005, , 565-583.		2
18	Consequences from Land Use and Indirect/Direct Land Use Change for CO <sub>2</sub> Emissions Related to Agricultural Commodities. , 0, , .		2