

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

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18
times ranked

1069
citing authors

#	ARTICLE	IF	CITATIONS
1	Transport Characteristics of Nanoscale Functional Zerovalent Iron/Silica Composites for in Situ Remediation of Trichloroethylene. <i>Environmental Science & Technology</i> , 2008, 42, 8871-8876.	10.0	165
2	Reactivity Characteristics of Nanoscale Zerovalent Iron~Silica Composites for Trichloroethylene Remediation. <i>Environmental Science & Technology</i> , 2008, 42, 4494-4499.	10.0	128
3	Nanoscale Zerovalent Iron Supported on Uniform Carbon Microspheres for the In situ Remediation of Chlorinated Hydrocarbons. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 2854-2862.	8.0	83
4	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
5	Multifunctional Iron~Carbon Nanocomposites through an Aerosol-Based Process for the In Situ Remediation of Chlorinated Hydrocarbons. <i>Environmental Science & Technology</i> , 2011, 45, 1949-1954.	10.0	75
6	Biogas Production from Steam-Exploded Miscanthus and Utilization of Biogas Energy and CO2 in Greenhouses. <i>Bioenergy Research</i> , 2013, 6, 620-630.	3.9	60
7	Multifunctional Colloidal Particles for in Situ Remediation of Chlorinated Hydrocarbons. <i>Environmental Science & Technology</i> , 2009, 43, 8616-8621.	10.0	53
8	Reevaluation of Energy Use in Wheat Production in the United States. <i>Journal of Industrial Ecology</i> , 2008, 10, 149-167.	5.5	47
9	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
10	Potential of different Sorghum bicolor (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
11	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
12	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
13	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
14	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
15	Geostatistical Modeling and Mapping of Sediment Contaminant Concentrations. , 2005, , 565-583.		2
16	Consequences from Land Use and Indirect/Direct Land Use Change for CO2 Emissions Related to Agricultural Commodities. , 0, , .		2
17	Nanostructured Multifunctional Materials for Environmental Remediation of Chlorinated Hydrocarbons. <i>ACS Symposium Series</i> , 2010, , 163-179.	0.5	1
18	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