

John L Field

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9313027/publications.pdf>

Version: 2024-02-01

17
papers

754
citations

932766

10
h-index

887659

17
g-index

19
all docs

19
docs citations

19
times ranked

1327
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomass for thermochemical conversion: targets and challenges. <i>Frontiers in Plant Science</i> , 2013, 4, 218.	1.7	183
2	Robust paths to net greenhouse gas mitigation and negative emissions via advanced biofuels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21968-21977.	3.3	110
3	Distributed biochar and bioenergy coproduction: a regionally specific case study of environmental benefits and economic impacts. <i>GCB Bioenergy</i> , 2013, 5, 177-191.	2.5	101
4	Consensus, uncertainties and challenges for perennial bioenergy crops and land use. <i>GCB Bioenergy</i> , 2018, 10, 150-164.	2.5	80
5	Life Cycle Assessment to Evaluate the Environmental Impact of Biochar Implementation in Conservation Agriculture in Zambia. <i>Environmental Science & Technology</i> , 2013, 47, 1206-1215.	4.6	71
6	High-resolution techno-ecological modelling of a bioenergy landscape to identify climate mitigation opportunities in cellulosic ethanol production. <i>Nature Energy</i> , 2018, 3, 211-219.	19.8	53
7	Redefining marginal land for bioenergy crop production. <i>GCB Bioenergy</i> , 2021, 13, 1590-1609.	2.5	53
8	High-resolution trade-off analysis and optimization of ecosystem services and disservices in agricultural landscapes. <i>Environmental Modelling and Software</i> , 2018, 107, 105-118.	1.9	23
9	Ecosystem model parameterization and adaptation for sustainable cellulosic biofuel landscape design. <i>GCB Bioenergy</i> , 2016, 8, 1106-1123.	2.5	22
10	Agricultural residue gasification for low-cost, low-carbon decentralized power: An empirical case study in Cambodia. <i>Applied Energy</i> , 2016, 177, 612-624.	5.1	15
11	Biofuel production and soil GHG emissions after land-use change to switchgrass and giant reed in the U.S. Southeast. <i>Food and Energy Security</i> , 2018, 7, e00125.	2.0	11
12	Modeling Yield, Biogenic Emissions, and Carbon Sequestration in Southeastern Cropping Systems With Winter Carinata. <i>Frontiers in Energy Research</i> , 2022, 10, .	1.2	9
13	A multi-product landscape life-cycle assessment approach for evaluating local climate mitigation potential. <i>Journal of Cleaner Production</i> , 2022, 354, 131691.	4.6	7
14	A model evaluation framework applied to the Forest Vegetation Simulator (FVS) in Colorado and Wyoming lodgepole pine forests. <i>Forest Ecology and Management</i> , 2021, 480, 118619.	1.4	6
15	Modelling soil organic matter dynamics as a soil health indicator. <i>Burleigh Dodds Series in Agricultural Science</i> , 2018, , 97-123.	0.1	5
16	Economics of Crop Rotations With and Without Carinata for Sustainable Aviation Fuel Production in the SE United States. <i>Frontiers in Energy Research</i> , 2022, 10, .	1.2	4
17	Revisiting "Additional Carbon": Tracking Atmosphere Ecosystem Carbon Exchange to Establish Mitigation and Negative Emissions From Bio-Based Systems. <i>Frontiers in Climate</i> , 2021, 3, .	1.3	1