Alona Armstrong

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1898978/publications.pdf

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15	713	933447	996975
papers	citations	10	15
		h-index	g-index

27	27	27	671
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Technoâ€“ecological synergies of solar energy for global sustainability. Nature Sustainability, 2019, 2, 560-568.	23.7	187
2	Solar park microclimate and vegetation management effects on grassland carbon cycling. Environmental Research Letters, 2016, 11, 074016.	5.2	114
3	Wind farm and solar park effects on plant-soil carbon cycling: uncertain impacts of changes in ground-level microclimate. Global Change Biology, 2014, 20, 1699-1706.	9.5	112
4	Environmental impacts and benefits of marine floating solar. Solar Energy, 2021, 219, 11-14.	6.1	59
5	Biotic and Abiotic Factors Interact to Regulate Northern Peatland Carbon Cycling. Ecosystems, 2015, 18, 1395-1409.	3.4	44
6	The Land Sparing, Water Surface Use Efficiency, and Water Surface Transformation of Floating Photovoltaic Solar Energy Installations. Sustainability, 2020, 12, 8154.	3.2	39
7	Ground-level climate at a peatland wind farm in Scotland is affected by wind turbine operation. Environmental Research Letters, 2016, 11, 044024.	5.2	38
8	Floating photovoltaics could mitigate climate change impacts on water body temperature and stratification. Solar Energy, 2021, 219, 24-33.	6.1	38
9	Integrating environmental understanding into freshwater floatovoltaic deployment using an effects hierarchy and decision trees. Environmental Research Letters, 2020, 15, 114055.	5.2	24
10	Southerly winds increase the electricity generated by solar photovoltaic systems. Solar Energy, 2020, 202, 123-135.	6.1	21
11	Honeybee pollination benefits could inform solar park business cases, planning decisions and environmental sustainability targets. Biological Conservation, 2021, 263, 109332.	4.1	8
12	Ground-mounted photovoltaic solar parks promote land surface cool islands in arid ecosystems. Renewable and Sustainable Energy Transition, 2021, 1, 100008.	2.9	7
13	Impacts of 319 wind farms on surface temperature and vegetation in the United States. Environmental Research Letters, 2022, 17, 024026.	5.2	7
14	Tracing the origin of reservoir sediments using magnetic properties in Southeastern Brazil. Semina:Ciencias Agrarias, 2020, 41, 847.	0.3	6
15	Plant functional type indirectly affects peatland carbon fluxes and their sensitivity to environmental change. European Journal of Soil Science, 2021, 72, 1042-1053.	3.9	6