

Sam Rabin

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,588
citations

430754

18
h-index

552653

26
g-index

51
all docs

51
docs citations

51
times ranked

2812
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling symbiotic biological nitrogen fixation in grain legumes globally with LPJ-GUESS (v4.0.) Tj ETQq1 1 0.784314 rgBT /Qverlock 10	1.3	10
2	A New Modelling Approach to Adaptation-Mitigation in the Land System. Springer Climate, 2022, , 133-140.	0.3	3
3	Global and regional health and food security under strict conservation scenarios. Nature Sustainability, 2022, 5, 303-310.	11.5	19
4	The influence of thinning and prescribed burning on future forest fires in fire-prone regions of Europe. Environmental Research Letters, 2022, 17, 055010.	2.2	10
5	Assessing the impacts of agricultural managements on soil carbon stocks, nitrogen loss, and crop production“ a modelling study in eastern Africa. Biogeosciences, 2022, 19, 2145-2169.	1.3	2
6	Large potential for crop production adaptation depends on available future varieties. Global Change Biology, 2021, 27, 3870-3882.	4.2	62
7	Understanding each other's models: an introduction and a standard representation of 16 global water models to support intercomparison, improvement, and communication. Geoscientific Model Development, 2021, 14, 3843-3878.	1.3	41
8	Modelling Human-Fire Interactions: Combining Alternative Perspectives and Approaches. Frontiers in Environmental Science, 2021, 9, .	1.5	11
9	Climate impacts on global agriculture emerge earlier in new generation of climate and crop models. Nature Food, 2021, 2, 873-885.	6.2	263
10	A regional nuclear conflict would compromise global food security. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7071-7081.	3.3	63
11	Spatiotemporal dynamics of ecosystem fires and biomass burning-induced carbon emissions in China over the past two decades. Geography and Sustainability, 2020, 1, 47-58.	1.9	14
12	Impacts of future agricultural change on ecosystem service indicators. Earth System Dynamics, 2020, 11, 357-376.	2.7	13
13	Quantitative assessment of fire and vegetation properties in simulations with fire-enabled vegetation models from the Fire Model Intercomparison Project. Geoscientific Model Development, 2020, 13, 3299-3318.	1.3	63
14	Historical (1700“2012) global multi-model estimates of the fire emissions from the Fire Modeling Intercomparison Project (FireMIP). Atmospheric Chemistry and Physics, 2019, 19, 12545-12567.	1.9	64
15	The role of global dietary transitions for safeguarding biodiversity. Global Environmental Change, 2019, 58, 101956.	3.6	32
16	Adaptation of global land use and management intensity to changes in climate and atmospheric carbon dioxide. Global Change Biology, 2018, 24, 2791-2809.	4.2	50
17	Trends and Variability of Global Fire Emissions Due To Historical Anthropogenic Activities. Global Biogeochemical Cycles, 2018, 32, 122-142.	1.9	37
18	A fire model with distinct crop, pasture, and non-agricultural burning: use of new data and a model-fitting algorithm for FINAL.1. Geoscientific Model Development, 2018, 11, 815-842.	1.3	25

#	ARTICLE	IF	CITATIONS
19	Modelling feedbacks between human and natural processes in the land system. <i>Earth System Dynamics</i> , 2018, 9, 895-914.	2.7	65
20	Convergence of bark investment according to fire and climate structures ecosystem vulnerability to future change. <i>Ecology Letters</i> , 2017, 20, 307-316.	3.0	90
21	The Fire Modeling Intercomparison Project (FireMIP), phase 1: experimental and analytical protocols with detailed model descriptions. <i>Geoscientific Model Development</i> , 2017, 10, 1175-1197.	1.3	159
22	The status and challenge of global fire modelling. <i>Biogeosciences</i> , 2016, 13, 3359-3375.	1.3	274
23	Quantifying regional, time-varying effects of cropland and pasture on vegetation fire. <i>Biogeosciences</i> , 2015, 12, 6591-6604.	1.3	28
24	Tropical nighttime warming as a dominant driver of variability in the terrestrial carbon sink. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15591-15596.	3.3	92
25	Environmental determinants of tropical forest and savanna distribution: A quantitative model evaluation and its implication. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 1432-1445.	1.3	22
26	Separating agricultural and non-agricultural fire seasonality at regional scales. <i>Biogeosciences</i> , 2012, 9, 3003-3012.	1.3	57