

# Jessica F Needham

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8930080/publications.pdf>

Version: 2024-02-01

7  
papers

232  
citations

1477746

6  
h-index

1719596

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

580  
citing authors

#	ARTICLE	IF	CITATIONS
1	Benchmarking and parameter sensitivity of physiological and vegetation dynamics using the Functionally Assembled Terrestrial Ecosystem Simulator (FATES) at Barro Colorado Island, Panama. <i>Biogeosciences</i> , 2020, 17, 3017-3044.	1.3	82
2	Climate sensitive size-dependent survival in tropical trees. <i>Nature Ecology and Evolution</i> , 2018, 2, 1436-1442.	3.4	41
3	Forest community response to invasive pathogens: the case of ash dieback in a British woodland. <i>Journal of Ecology</i> , 2016, 104, 315-330.	1.9	38
4	Inferring forest fate from demographic data: from vital rates to population dynamic models. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172050.	1.2	31
5	Forest responses to simulated elevated CO <sub>2</sub> under alternate hypotheses of size- and age-dependent mortality. <i>Global Change Biology</i> , 2020, 26, 5734-5753.	4.2	18
6	Closing the life cycle of forest trees: The difficult dynamics of seedling-to-sapling transitions in a subtropical rainforest. <i>Journal of Ecology</i> , 2021, 109, 2705-2716.	1.9	14
7	Demographic composition, not demographic diversity, predicts biomass and turnover across temperate and tropical forests. <i>Global Change Biology</i> , 2022, 28, 2895-2909.	4.2	8