

# Raia-Silvia Massad

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3015882/publications.pdf>

Version: 2024-02-01

20  
papers

996  
citations

687335

13  
h-index

888047

17  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1469  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of climate change in European croplands and grasslands: productivity, greenhouse gas balance and soil carbon storage. <i>Biogeosciences</i> , 2022, 19, 3021-3050.	3.3	6
2	Approaches and concepts of modelling denitrification: increased process understanding using observational data can reduce uncertainties. <i>Current Opinion in Environmental Sustainability</i> , 2020, 47, 37-45.	6.3	26
3	Ensemble modelling of carbon fluxes in grasslands and croplands. <i>Field Crops Research</i> , 2020, 252, 107791.	5.1	50
4	Mechanisms of Pollutant Exchange at Soil-Vegetation-Atmosphere Interfaces and Atmospheric Fate. , 2020, , 61-96.		1
5	Modelling Exchanges: From the Process Scale to the Regional Scale. , 2020, , 159-207.		1
6	Necessary Integrative Approaches. , 2020, , 97-112.		0
7	Reviews and syntheses: influences of landscape structure and land uses on local to regional climate and air quality. <i>Biogeosciences</i> , 2019, 16, 2369-2408.	3.3	22
8	Effects of elevated ozone concentration and nitrogen addition on ammonia stomatal compensation point in a poplar clone. <i>Environmental Pollution</i> , 2018, 238, 760-770.	7.5	10
9	Assessing uncertainties in crop and pasture ensemble model simulations of productivity and N <sub>2</sub> O emissions. <i>Global Change Biology</i> , 2018, 24, e603-e616.	9.5	104
10	Review and analysis of strengths and weaknesses of agro-ecosystem models for simulating C and N fluxes. <i>Science of the Total Environment</i> , 2017, 598, 445-470.	8.0	157
11	Evaluation of new flux attribution methods for mapping N <sub>2</sub> O emissions at the landscape scale. <i>Agriculture, Ecosystems and Environment</i> , 2017, 247, 9-22.	5.3	4
12	Estimate of changes in agricultural terrestrial nitrogen pathways and ammonia emissions from 1850 to present in the Community Earth System Model. <i>Biogeosciences</i> , 2016, 13, 3397-3426.	3.3	79
13	Environmental assessment of biofuel pathways in Ile de France based on ecosystem modeling. <i>Bioresource Technology</i> , 2014, 152, 511-518.	9.6	23
14	Advances in understanding, models and parameterizations of biosphere-atmosphere ammonia exchange. <i>Biogeosciences</i> , 2013, 10, 5183-5225.	3.3	116
15	Investigating the stomatal, cuticular and soil ammonia fluxes over a growing tritical crop under high acidic loads. <i>Biogeosciences</i> , 2012, 9, 1537-1552.	3.3	32
16	Review and parameterisation of bi-directional ammonia exchange between vegetation and the atmosphere. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 10359-10386.	4.9	187
17	Model of stomatal ammonia compensation point (STAMP) in relation to the plant nitrogen and carbon metabolisms and environmental conditions. <i>Ecological Modelling</i> , 2010, 221, 479-494.	2.5	36
18	Ammonia stomatal compensation point of young oilseed rape leaves during dark/light cycles under various nitrogen nutritions. <i>Agriculture, Ecosystems and Environment</i> , 2009, 133, 170-182.	5.3	14

#	ARTICLE	IF	CITATIONS
19	Relationship between ammonia stomatal compensation point and nitrogen metabolism in arable crops: Current status of knowledge and potential modelling approaches. Environmental Pollution, 2008, 154, 390-403.	7.5	43
20	The effect of temperature on C <sub>4</sub> -type leaf photosynthesis parameters. Plant, Cell and Environment, 2007, 30, 1191-1204.	5.7	80