Guillaume Martin

List of Publications by Year
in descending order

42 papers	1,846 citations	331670 21 h-index	302126 39 g-index
43 all docs	43 docs citations	43 times ranked	1925 citing authors

#	Article	IF	Citations
1	How to implement biodiversity-based agriculture to enhance ecosystem services: a review. Agronomy for Sustainable Development, 2015, 35, 1259-1281.	5.3	388
2	Editorial: Impacts of COVID-19 on agricultural and food systems worldwide and on progress to the sustainable development goals. Agricultural Systems, 2020, 183, 102873.	6.1	166
3	Cropâ€“livestock integration beyond the farm level: a review. Agronomy for Sustainable Development, 2016, 36, 1.	5.3	112
4	Farming system design to feed the changing world. A review. Agronomy for Sustainable Development, 2013, 33, 131-149.	5.3	96
5	How to foster agroecological innovations? A comparison of participatory design methods. Journal of Environmental Planning and Management, 2016, 59, 280-301.	4.5	96
6	Designing cropâ€“livestock integration at different levels: Toward new agroecological models?. Nutrient Cycling in Agroecosystems, 2017, 108, 5-20.	2.2	74
7	Potential of multi-species livestock farming to improve the sustainability of livestock farms: A review. Agricultural Systems, 2020, 181, 102821.	6.1	73
8	Forage rummy: A game to support the participatory design of adapted livestock systems. Environmental Modelling and Software, 2011, 26, 1442-1453.	4.5	69
9	Critical factors for crop-livestock integration beyond the farm level: A cross-analysis of worldwide case studies. Land Use Policy, 2018, 73, 184-194.	5.6	66
10	Modelling above-ground herbage mass for a wide range of grassland community types. Ecological Modelling, 2009, 220, 209-225.	2.5	63
11	Role of ley pastures in tomorrowâ€™s cropping systems. A review. Agronomy for Sustainable Development, 2020, 40, 1.	5.3	63
12	Incorporating Diversity Into Animal Production Systems Can Increase Their Performance and Strengthen Their Resilience. Frontiers in Sustainable Food Systems, 2020, 4, .	3.9	44
13	Agricultural diversity to increase adaptive capacity and reduce vulnerability of livestock systems against weather variability â€“ A farm-scale simulation study. Agriculture, Ecosystems and Environment, 2015, 199, 301-311.	5.3	43
14	A conceptual framework to support adaptation of farming systems â€“ Development and application with Forage Rummy. Agricultural Systems, 2015, 132, 52-61.	6.1	41
15	Resilience of French organic dairy cattle farms and supply chains to the Covid-19 pandemic. Agricultural Systems, 2021, 190, 103082.	6.1	40
16	A simulation framework for the design of grassland-based beef-cattle farms. Environmental Modelling and Software, 2011, 26, 371-385.	4.5	37
17	Mutual learning between researchers and farmers during implementation of scientific principles for sustainable development: the case of biodiversity-based agriculture. Sustainability Science, 2018, 13, 517-530.	4.9	35
18	Cultural and territorial vitality services play a key role in livestock agroecological transition in France. Agronomy for Sustainable Development, 2017, 37, 1.	5.3	31

#	Article	IF	Citations
19	How to Address the Sustainability Transition of Farming Systems? A Conceptual Framework to Organize Research. Sustainability, 2018, 10, 2083.	3.2	27
20	Characterizing potential flexibility in grassland use. Application to the French Aubrac area. Agronomy for Sustainable Development, 2009, 29, 381-389.	5.3	26
21	An Integrated Method to Analyze Farm Vulnerability to Climatic and Economic Variability According to Farm Configurations and Farmersâ€™ Adaptations. Frontiers in Plant Science, 2017, 8, 1483.	3.6	26
22	Biodiversity provides ecosystem services: scientific results versus stakeholdersâ€™ knowledge. Regional Environmental Change, 2013, 13, 1145-1155.	2.9	21
23	Vulnerability to climatic and economic variability is mainly driven by farmersâ€™ practices on French organic dairy farms. European Journal of Agronomy, 2018, 94, 89-97.	4.1	20
24	Agroecological Transition from Farms to Territorialised Agri-Food Systems: Issues and Drivers. , 2019, , 69-98.		19
25	Rangeland Rummy â€“ A board game to support adaptive management of rangeland-based livestock systems. Journal of Environmental Management, 2015, 147, 236-245.	7.8	18
26	A modelling and participatory approach for enhancing learning about adaptation of grassland-based livestock systems to climate change. Regional Environmental Change, 2012, 12, 739-750.	2.9	17
27	Diagnosis and simulation: a suitable combination to support farming systems design. Crop and Pasture Science, 2011, 62, 328.	1.5	14
28	The immediate impact of the first waves of the global COVID-19 pandemic on agricultural systems worldwide: Reflections on the COVID-19 special issue for agricultural systems. Agricultural Systems, 2022, 201, 103436.	6.1	14
29	The benefits and trade-offs of agricultural diversity for food security in low- and middle-income countries: A review of existing knowledge and evidence. Global Food Security, 2022, 33, 100645.	8.1	14
30	Trade-offs among individual and collective performances related to cropâ€“livestock integration among farms: a case study in southwestern France. Organic Agriculture, 2019, 9, 399-416.	2.4	13
31	A diachronic study of greenhouse gas emissions of French dairy farms according to adaptation pathways. Agriculture, Ecosystems and Environment, 2016, 221, 50-59.	5.3	12
32	Positive deviant strategies implemented by organic multi-species livestock farms in Europe. Agricultural Systems, 2022, 201, 103453.	6.1	12
33	Simulations of plant productivity are affected by modelling approaches of farm management. Agricultural Systems, 2012, 109, 25-34.	6.1	10
34	A methodological framework to facilitate analysis of ecosystem services provided by grassland-based livestock systems. International Journal of Biodiversity Science, Ecosystem Services & Management, 2015, 11, 128-144.	2.9	8
35	Herbage intake and growth of rabbits under different pasture type, herbage allowance and quality conditions in organic production. Animal, 2019, 13, 495-501.	3.3	8
36	A modelling chain combining soft and hard models to assess a bundle of ecosystem services provided by a diversity of cereal-legume intercrops. European Journal of Agronomy, 2022, 132, 126412.	4.1	7

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37	A participatory approach based on the serious game Dynamix to co-design scenarios of crop-livestock integration among farms. Agricultural Systems, 2022, 201, 103414.	6.1	7
38	Herbage intake regulation and growth of rabbits raised on grasslands: back to basics and looking forward. Animal, 2016, 10, 1609-1618.	3.3	5
39	Survey Data on European Organic Multi-Species Livestock Farms. Frontiers in Sustainable Food Systems, 2021, 5, .	3.9	5
40	Interplay: A game for the participatory design of locally adapted cerealâ€“legume intercrops. Agricultural Systems, 2022, 201, 103438.	6.1	5
41	An Integrated Approach to Livestock Farming Systemsâ€™ Autonomy to Design and Manage Agroecological Transition at the Farm and Territorial Levels. , 2019, , 45-68.		1
42	PASTRAB: a model for simulating intake regulation and growth of rabbits raised on pastures. Animal, 2018, 12, 1642-1651.	3.3	0