Francois Bousquet

List of Publications by Year in descending order

66 papers	3,129 citations	185998 28 h-index	161609 54 g-index
68 all docs	68 docs citations	68 times ranked	3456 citing authors

#	Article	IF	Citations
1	Modelling with stakeholdersâ˜†. Environmental Modelling and Software, 2010, 25, 1268-1281.	1.9	948
2	Empathy, place and identity interactions for sustainability. Global Environmental Change, 2019, 56, 11-17.	3.6	151
3	Co-constructing with stakeholders a role-playing game to initiate collective management of erosive runoff risks at the watershed scale. Environmental Modelling and Software, 2010, 25, 1359-1370.	1.9	99
4	Cormas: Common-pool resources and multi-agent systems. Lecture Notes in Computer Science, 1998, , 826-837.	1.0	96
5	Companion Modeling, Conflict Resolution, and Institution Building: Sharing Irrigation Water in the Lingmuteychu Watershed, Bhutan. Ecology and Society, 2006, 11, .	1.0	89
6	The challenge of understanding decisions in experimental studies of common pool resource governance. Ecological Economics, 2011, 70, 1571-1579.	2.9	89
7	La modÃ©lisation comme outil d'accompagnement. Natures Sciences Societes, 2005, 13, 165-168.	0.1	82
8	SINUSE: a multi-agent model to negotiate water demand management on a free access water table. Environmental Modelling and Software, 2003, 18, 413-427.	1.9	76
9	SHADOC: a multiâ€agent model to tackle viability of irrigated systems. Annals of Operations Research, 2000, 94, 139-162.	2.6	74
10	A multi-agent model for describing transhumance in North Cameroon: Comparison of different rationality to develop a routine. Journal of Economic Dynamics and Control, 2001, 25, 527-559.	0.9	74
11	Context matters to explain field experiments: Results from Colombian and Thai fishing villages. Ecological Economics, 2011, 70, 1609-1620.	2.9	69
12	Adapting Science to Adaptive Managers: Spidergrams, Belief Models, and Multi-agent Systems Modeling. Ecology and Society, 2002, 5, .	0.9	66
13	Agent-based simulations of interactions between duck population, farming decisions and leasing of hunting rights in the Camargue (Southern France). Ecological Modelling, 2003, 165, 107-126.	1.2	65
14	Suitability of Multi-Agent Simulations to study irrigated system viability: application to case studies in the Senegal River Valley. Agricultural Systems, 2004, 80, 255-275.	3.2	65
15	Multiagent simulations of hunting wild meat in a village in eastern Cameroon. Ecological Modelling, 2001, 138, 331-346.	1.2	64
16	The concept of stewardship in sustainability science and conservation biology. Biological Conservation, 2018, 217, 363-370.	1.9	56
17	Field experiments on irrigation dilemmas. Agricultural Systems, 2012, 109, 65-75.	3.2	52
18	Distributed artificial intelligence and object-oriented modelling of a fishery. Mathematical and Computer Modelling, 1994, 20, 97-107.	2.0	50

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19	Multi-agent systems in epidemiology: a first step for computational biology in the study of vector-borne disease transmission. BMC Bioinformatics, 2008, 9, 435.	1.2	50
20	Multi-agent simulations to explore rules for rural credit in a highland farming community of Northern Thailand. Ecological Economics, 2008, 66, 615-627.	2.9	50
21	Modelling with stakeholders within a development project. Environmental Modelling and Software, 2010, 25, 1302-1321.	1.9	45
22	An evolving simulation/gaming process to facilitate adaptive watershed management in northern mountainous Thailand. Simulation and Gaming, 2007, 38, 398-420.	1.2	43
23	Resilience and development: mobilizing for transformation. Ecology and Society, 2016, 21, .	1.0	41
24	Dynamics of rules and resources: three new field experiments on water, forests and fisheries. , 2013, , .		40
25	Effect of Smallâ€Scale Heterogeneity of Prey and Hunter Distributions on the Sustainability of Bushmeat Hunting. Conservation Biology, 2010, 24, 1327-1337.	2.4	38
26	The dynamic relationship between sense of place and risk perception in landscapes of mobility. Ecology and Society, 2018, 23, .	1.0	37
27	Modelling of spatial dynamics and biodiversity conservation on Lure mountain (France). Environmental Modelling and Software, 2010, 25, 1385-1398.	1.9	35
28	A companion modeling approach applied to fishery management. Environmental Modelling and Software, 2010, 25, 1334-1344.	1.9	32
29	Breaking the elected rules in a field experiment on forestry resources. Ecological Economics, 2013, 90, 132-139.	2.9	31
30	Participatory Agent-Based Simulation for Renewable Resource Management: The Role of the Cormas Simulation Platform to Nurture a Community of Practice. Jasss, 2012, 15, .	1.0	31
31	Using Multi-Agent Systems in a Companion Modelling Approach for Agroecosystem Management in South-East Asia. Outlook on Agriculture, 2007, 36, 57-62.	1.8	27
32	Dealing with Power Games in a Companion Modelling Process: Lessons from Community Water Management in Thailand Highlands. Journal of Agricultural Education and Extension, 2010, 16, 55-74.	1.1	26
33	Environmental Stewardship and Ecological Solidarity: Rethinking Social-Ecological Interdependency and Responsibility. Journal of Agricultural and Environmental Ethics, 2018, 31, 605-623.	0.9	22
34	Exploring management strategies for community-based forests using multi-agent systems: A case study in Palawan, Philippines. Journal of Environmental Management, 2009, 90, 3607-3615.	3.8	21
35	Changing places: The role of sense of place in perceptions of social, environmental and overdevelopment risks. Global Environmental Change, 2019, 57, 101930.	3.6	21
36	Challenges for local adaptation when governance scales overlap. Evidence from Languedoc, France. Regional Environmental Change, 2019, 19, 1865-1877.	1.4	21

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37	A Methodology for Eliciting and Modelling Stakeholdersâ€™ Representations with Agent Based Modelling. Lecture Notes in Computer Science, 2003, , 131-148.	1.0	21
38	How local water and waterbody meanings shape flood risk perception and risk management preferences. Sustainability Science, 2019, 14, 565-578.	2.5	20
39	Cormas: An Agent-Based Simulation Platform for Coupling Human Decisions with Computerized Dynamics. Translational Systems Sciences, 2016, , 387-410.	0.2	20
40	Facilitating dialogue between aquaculture and agriculture: lessons from role-playing games with farmers in the Mekong Delta, Vietnam. Water Policy, 2009, 11, 80-93.	0.7	19
41	Agent-Based Modelling and Simulation Applied to Environmental Management. Understanding Complex Systems, 2013, , 499-540.	0.3	19
42	Dossier Â« Le champ descommonsen question : perspectives croisÃ©es Â» - A multimethod approach to study the governance of social-ecological systems. Natures Sciences Societes, 2011, 19, 382-394.	0.1	14
43	Multi-Agent Modelling and Renewable Resources Issues: The Relevance of Shared Representations for Interacting Agents. Lecture Notes in Computer Science, 2000, , 181-197.	1.0	14
44	The PISA grammar decodes diverse humanâ€“environment approaches. Global Environmental Change, 2015, 34, 159-171.	3.6	12
45	Sensing, feeling, thinking: Relating to nature with the body, heart and mind. People and Nature, 2022, 4, 351-364.	1.7	12
46	Transfers of vulnerability through adaptation plan implementation: an analysis based on networks of feedback control loops. Ecology and Society, 2020, 25, .	1.0	11
47	Lâ€™intÃ©gration des concepts de rÃ©silience dans le domaine de la sÃ©curitÃ© alimentaireÂ: regards croisÃ©s. Cahiers Agricultures, 2016, 25, 64001.	0.4	11
48	Analyzing coastal coupled infrastructure systems through multi-scale serious games in Languedoc, France. Regional Environmental Change, 2019, 19, 1879-1889.	1.4	9
49	ModÃ©lisation d'une interaction individus, espace et sociÃ©tÃ© par les systÃ¨mes multi-agents : pÃ¢ture en forÃªt virtuelle. Espace Geographique, 2001, tome 30, 13-25.	0.2	9
50	Comparing two ways of modelising spatial dynamics through multi-agents simulation : "spatial" and "actor" approaches. CyberGeo, 0, , .	0.0	9
51	A Stakeholder-oriented Framework to Consider the Plurality of Land Policy Integration in Sahel. Ecological Economics, 2017, 132, 155-168.	2.9	7
52	Modelling spatial practices and social representations of space using multi-agent systems. International Journal of Modeling, Simulation, and Scientific Computing, 2000, 03, 155-168.	0.9	5
53	Markets as communication systems. Journal of Evolutionary Economics, 2012, 22, 161-201.	0.8	4
54	Simulating the elimination of sleeping sickness with an agent-based model. Parasite, 2016, 23, 63.	0.8	4

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55	Companion modelling for cooperative management of renewable resources in Thailand. Ã‰conomie Rurale, 2008, , 39-59.	0.1	4
56	Agent-Based Modelling and Simulation Applied to Environmental Management. Understanding Complex Systems, 2017, , 569-613.	0.3	2
57	Role-playing games as boundary objects in an irrigation water sharing conflict in Bhutan. Cahiers Agricultures, 2011, 20, 118-123.	0.4	2
58	Simulating together multiscale and multisectoral adaptations to global change and their impacts: A generic serious game and its implementation in coastal areas in France and South Africa. , 2021, , 247-278.		1
59	Extension of Companion Modeling Using Classification Learning. Transactions of the Japanese Society for Artificial Intelligence, 2005, 20, 379-386.	0.1	1
60	Dossier : Â«ÂÃ€ propos des relations natures/sociÃ©tÃ©sÂÂ» â€™ Introduction. Ã€ la recherche des concepts heuristiques sur les relations natures/sociÃ©tÃ©s. Natures Sciences Societes, 2015, 23, 154-156.	0.1	1
61	Analyse de la construction de la vulnÃ©rabilitÃ© des mÃ©nages du systÃ¨me irriguÃ© de GuÃ©dÃ© au nord du SÃ©nÃ©gal. Cahiers Agricultures, 2022, 31, 6.	0.4	1
62	Multi-Agent Simulations to Explore Rules for Rural Credit Management in a Highland Farming Community of Northern Thailand. , 2007, , 165-176.		0
63	Using Classification Learning in Companion Modeling. Lecture Notes in Computer Science, 2009, , 255-269.	1.0	0
64	Une exploration interdisciplinaire des liens entre relation au lieu et concernement. Ã€ propos des risques fluviaux et cÃ´tiers en France mÃ©tropolitaine. Natures Sciences Societes, 2021, 29, 141-158.	0.1	0
65	Modeling Negotiation by a Paticipatory Approach. Transactions of the Japanese Society for Artificial Intelligence, 2006, 21, 287-294.	0.1	0
66	The resilience of social and ecological systems: taking account of uncertainty for development. Perspective, 2017, , 1-4.	0.3	0