

Jm SÃ¡nchez-PÃ©rez

List of Publications by Year in descending order

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140
papers

4,152
citations

81839

39
h-index

149623

56
g-index

155
all docs

155
docs citations

155
times ranked

4936
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of hydrology, sediment and particulate organic carbon yield in a large agricultural catchment using the SWAT model. <i>Journal of Hydrology</i> , 2011, 401, 145-153.	2.3	171
2	Dynamics of suspended sediment transport and yield in a large agricultural catchment, southwest France. <i>Earth Surface Processes and Landforms</i> , 2010, 35, 1289-1301.	1.2	142
3	OZCAR: The French Network of Critical Zone Observatories. <i>Vadose Zone Journal</i> , 2018, 17, 1-24.	1.3	126
4	Assessing the capability of the SWAT model to simulate snow, snow melt and streamflow dynamics over an alpine watershed. <i>Journal of Hydrology</i> , 2015, 531, 574-588.	2.3	121
5	Non-target effects of three formulated pesticides on microbially-mediated processes in a clay-loam soil. <i>Science of the Total Environment</i> , 2013, 449, 345-354.	3.9	108
6	Assessing the importance of a self-generated detachment process in river biofilm models. <i>Freshwater Biology</i> , 2006, 51, 901-912.	1.2	95
7	The influence of nitrate leaching through unsaturated soil on groundwater pollution in an agricultural area of the Basque country: a case study. <i>Science of the Total Environment</i> , 2003, 317, 173-187.	3.9	92
8	The role of organisms in hyporheic processes: gaps in current knowledge, needs for future research and applications. <i>Annales De Limnologie</i> , 2012, 48, 253-266.	0.6	81
9	Title is missing!. <i>Plant Ecology</i> , 1998, 135, 59-78.	0.7	80
10	Understanding nitrogen transfer dynamics in a small agricultural catchment: Comparison of a distributed (TNT2) and a semi distributed (SWAT) modeling approaches. <i>Journal of Hydrology</i> , 2011, 406, 1-15.	2.3	80
11	Denitrification in wetlands: A review towards a quantification at global scale. <i>Science of the Total Environment</i> , 2021, 754, 142398.	3.9	77
12	Mutagenic impact on fish of runoff events in agricultural areas in south-west France. <i>Aquatic Toxicology</i> , 2011, 101, 126-134.	1.9	76
13	Interaction between local hydrodynamics and algal community in epilithic biofilm. <i>Water Research</i> , 2013, 47, 2153-2163.	5.3	70
14	Change in groundwater chemistry as a consequence of suppression of floods: the case of the Rhine floodplain. <i>Journal of Hydrology</i> , 2003, 270, 89-104.	2.3	66
15	Evaluation of the impact of various agricultural practices on nitrate leaching under the root zone of potato and sugar beet using the STICS soil-crop model. <i>Science of the Total Environment</i> , 2008, 394, 207-221.	3.9	66
16	Temporal variability of nitrate transport through hydrological response during flood events within a large agricultural catchment in south-west France. <i>Science of the Total Environment</i> , 2010, 409, 140-149.	3.9	61
17	Occurrence of metolachlor and trifluralin losses in the Save river agricultural catchment during floods. <i>Journal of Hazardous Materials</i> , 2011, 196, 210-219.	6.5	61
18	Fluvial transport of suspended sediment and organic carbon during flood events in a large agricultural catchment in southwest France. <i>Hydrological Processes</i> , 2011, 25, 2365-2378.	1.1	60

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19	Spatio-temporal analysis of factors controlling nitrate dynamics and potential denitrification hot spots and hot moments in groundwater of an alluvial floodplain. <i>Ecological Engineering</i> , 2017, 103, 372-384.	1.6	60
20	Modelling Hydrology and Sediment Transport in a Semi-Arid and Anthropized Catchment Using the SWAT Model: The Case of the Tafna River (Northwest Algeria). <i>Water (Switzerland)</i> , 2017, 9, 216.	1.2	60
21	Title is missing!. <i>Hydrobiologia</i> , 2002, 469, 11-21.	1.0	59
22	Comparison of Langmuir and Freundlich adsorption equations within the SWAT-K model for assessing potassium environmental losses at basin scale. <i>Agricultural Water Management</i> , 2017, 180, 205-211.	2.4	59
23	Water age prediction and its potential impacts on water quality using a hydrodynamic model for Poyang Lake, China. <i>Environmental Science and Pollution Research</i> , 2016, 23, 13327-13341.	2.7	55
24	Simulating Flash Floods at Hourly Time-Step Using the SWAT Model. <i>Water (Switzerland)</i> , 2017, 9, 929.	1.2	55
25	Sediment and nutrient dynamics during storm events in the EnxoÃ© temporary river, southern Portugal. <i>Catena</i> , 2015, 127, 177-190.	2.2	54
26	Improved simulation of river water and groundwater exchange in an alluvial plain using the SWAT model. <i>Hydrological Processes</i> , 2016, 30, 187-202.	1.1	53
27	Nitrogen dynamics in the shallow groundwater of a riparian wetland zone of the Garonne, SW France: nitrate inputs, bacterial densities, organic matter supply and denitrification measurements. <i>Hydrology and Earth System Sciences</i> , 2003, 7, 97-107.	1.9	48
28	Water uptake by trees in a riparian hardwood forest (Rhine floodplain, France). <i>Hydrological Processes</i> , 2008, 22, 366-375.	1.1	48
29	Simulating Land Management Options to Reduce Nitrate Pollution in an Agricultural Watershed Dominated by an Alluvial Aquifer. <i>Journal of Environmental Quality</i> , 2014, 43, 67-74.	1.0	46
30	Assessment of sediment and organic carbon exports into the Arctic ocean: The case of the Yenisei River basin. <i>Water Research</i> , 2019, 158, 118-135.	5.3	46
31	Assessment of the quantitative and qualitative buffer function of an alluvial wetland: hydrological modelling of a large floodplain (Garonne River, France). <i>Hydrological Processes</i> , 2003, 17, 2375-2392.	1.1	45
32	Differentiated free-living and sediment-attached bacterial community structure inside and outside denitrification hotspots in the riverâ€groundwater interface. <i>Hydrobiologia</i> , 2008, 598, 109-121.	1.0	45
33	Assessing the hydrological response from an ensemble of CMIP5 climate projections in the transition zone of the Atlantic region (Bay of Biscay). <i>Journal of Hydrology</i> , 2017, 548, 46-62.	2.3	45
34	A coupled vertically integrated model to describe lateral exchanges between surface and subsurface in large alluvial floodplains with a fully penetrating river. <i>Hydrological Processes</i> , 2008, 22, 4257-4273.	1.1	44
35	Continuous measurement of nitrate concentration in a highly eventâ€responsive agricultural catchment in southâ€west of France: is the gain of information useful?. <i>Hydrological Processes</i> , 2013, 27, 1751-1763.	1.1	43
36	New insight into pesticide partition coefficient Kd for modelling pesticide fluvial transport: Application to an agricultural catchment in south-western France. <i>Chemosphere</i> , 2014, 99, 134-142.	4.2	43

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37	Application date as a controlling factor of pesticide transfers to surface water during runoff events. <i>Catena</i> , 2014, 119, 97-103.	2.2	43
38	Spatial and temporal variations of nutrient concentration in the groundwater of a floodplain: effect of hydrology, vegetation and substrate. <i>Hydrological Processes</i> , 1999, 13, 1511-1526.	1.1	42
39	Herbicide accumulation and evolution in reservoir sediments. <i>Science of the Total Environment</i> , 2009, 407, 2659-2665.	3.9	42
40	Longitudinal transformation of nitrogen and carbon in the hyporheic zone of an N-rich stream: A combined modelling and field study. <i>Physics and Chemistry of the Earth</i> , 2011, 36, 599-611.	1.2	37
41	Predicting soil water and mineral nitrogen contents with the STICS model for estimating nitrate leaching under agricultural fields. <i>Agricultural Water Management</i> , 2012, 107, 54-65.	2.4	37
42	On the Use of Hydrological Models and Satellite Data to Study the Water Budget of River Basins Affected by Human Activities: Examples from the Garonne Basin of France. <i>Surveys in Geophysics</i> , 2016, 37, 223-247.	2.1	36
43	Variability of particulate (SS, POC) and dissolved (DOC, NO ₃) matter during storm events in the Alegria agricultural watershed. <i>Hydrological Processes</i> , 2014, 28, 2855-2867.	1.1	35
44	Influence of the hyporheic zone on the phosphorus dynamics of a large gravel-bed river, Garonne River, France. <i>Hydrological Processes</i> , 2009, 23, 1801-1812.	1.1	33
45	Daily Nitrate Losses: Implication on Long-Term River Quality in an Intensive Agricultural Catchment of Southwestern France. <i>Journal of Environmental Quality</i> , 2014, 43, 46-54.	1.0	31
46	Stream flow simulation and verification in ungauged zones by coupling hydrological and hydrodynamic models: a case study of the Poyang Lake ungauged zone. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 5847-5861.	1.9	31
47	Testing the SWAT Model with Gridded Weather Data of Different Spatial Resolutions. <i>Water (Switzerland)</i> , 2017, 9, 54.	1.2	29
48	Modelling epilithic biofilms combining hydrodynamics, invertebrate grazing and algal traits. <i>Freshwater Biology</i> , 2014, 59, 1213-1228.	1.2	27
49	Seasonal variability of NO ₃ ⁻ mobilization during flood events in a Mediterranean catchment: The influence of intensive agricultural irrigation. <i>Agriculture, Ecosystems and Environment</i> , 2015, 200, 208-218.	2.5	27
50	Changes in foliar nutrient content and resorption in <i>Fraxinus excelsior</i> L., <i>Ulmus minor</i> Mill. and <i>Clematis vitalba</i> L. after prevention of floods. <i>Annales Des Sciences Forestières</i> , 1999, 56, 641-650.	1.1	26
51	Effect of flood events on transport of suspended sediments, organic matter and particulate metals in a forest watershed in the Basque Country (Northern Spain). <i>Science of the Total Environment</i> , 2016, 569-570, 784-797.	3.9	26
52	Assessing the Water Footprint of Wheat and Maize in Haihe River Basin, Northern China (1956–2015). <i>Water (Switzerland)</i> , 2018, 10, 867.	1.2	26
53	Groundwater pollution in Quaternary aquifer of Vitoria - Gasteiz (Basque Country, Spain). <i>Environmental Geology</i> , 1997, 30, 257-265.	1.2	25
54	Effect of near-bed turbulence on chronic detachment of epilithic biofilm: Experimental and modeling approaches. <i>Water Resources Research</i> , 2010, 46, .	1.7	25

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55	Spatially distributed modelling of surface water-groundwater exchanges during overbank flood events – a case study at the Garonne River. <i>Advances in Water Resources</i> , 2016, 94, 146-159.	1.7	25
56	Assessment of Hydrology and Sediment Yield in the Mekong River Basin Using SWAT Model. <i>Water (Switzerland)</i> , 2020, 12, 3503.	1.2	25
57	Effect of Land Use/Cover Change on the Hydrological Response of a Southern Center Basin of Chile. <i>Water (Switzerland)</i> , 2020, 12, 302.	1.2	25
58	Water resources and nitrate discharges in relation to agricultural land uses in an intensively irrigated watershed. <i>Science of the Total Environment</i> , 2019, 659, 1293-1306.	3.9	24
59	Identification of a minimal adequate model to describe the biomass dynamics of river epilithon. <i>River Research and Applications</i> , 2008, 24, 36-53.	0.7	23
60	Eutrophication and its effect on dissolved Si concentrations in the Garonne River (France). <i>Journal of Limnology</i> , 2009, 68, 368.	0.3	22
61	Application of the SWAT model to assess the impact of changes in agricultural management practices on water quality. <i>Hydrological Sciences Journal</i> , 0, , 1-19.	1.2	21
62	Modelling the impact of climate and land cover change on hydrology and water quality in a forest watershed in the Basque Country (Northern Spain). <i>Ecological Engineering</i> , 2018, 122, 315-326.	1.6	21
63	Can Recent Global Changes Explain the Dramatic Range Contraction of an Endangered Semi-Aquatic Mammal Species in the French Pyrenees?. <i>PLoS ONE</i> , 2016, 11, e0159941.	1.1	20
64	Different modelling approaches to evaluate nitrogen transport and turnover at the watershed scale. <i>Journal of Hydrology</i> , 2016, 539, 478-494.	2.3	20
65	Biodiversity and ecosystem purification service in an alluvial wetland. <i>Ecological Engineering</i> , 2017, 103, 359-371.	1.6	20
66	The Role of Ponds in Pesticide Dissipation at the Agricultural Catchment Scale: A Critical Review. <i>Water (Switzerland)</i> , 2021, 13, 1202.	1.2	20
67	Variation in Nutrient Levels of the Groundwater in the Upper Rhine Alluvial Forests as a Consequence of Hydrological Regime and Soil Texture. <i>Global Ecology and Biogeography Letters</i> , 1997, 6, 211.	0.6	19
68	Effects of wastewater treatment plant pollution on in-stream ecosystems functions in an agricultural watershed. <i>Annales De Limnologie</i> , 2009, 45, 79-92.	0.6	19
69	Simulating the long term impact of nitrate mitigation scenarios in a pilot study basin. <i>Agricultural Water Management</i> , 2013, 124, 85-96.	2.4	19
70	Integrating hydrological features and genetically validated occurrence data in occupancy modelling of an endemic and endangered semi-aquatic mammal, <i>Galemys pyrenaicus</i> , in a Pyrenean catchment. <i>Biological Conservation</i> , 2015, 184, 182-192.	1.9	19
71	Potential denitrification rates are spatially linked to colonization patterns of <i>nosZ</i> genotypes in an alluvial wetland. <i>Ecological Engineering</i> , 2015, 80, 191-197.	1.6	19
72	Modelling trace metal transfer in large rivers under dynamic hydrology: A coupled hydrodynamic and chemical equilibrium model. <i>Environmental Modelling and Software</i> , 2017, 89, 77-96.	1.9	19

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73	Modelling the role of riverbed compartments in the regulation of water quality as an ecological service. <i>Ecological Engineering</i> , 2018, 118, 19-30.	1.6	19
74	A modelling-based assessment of suspended sediment transport related to new damming in the Red River basin from 2000 to 2013. <i>Catena</i> , 2021, 197, 104958.	2.2	19
75	The MAELIA Multi-Agent Platform for Integrated Analysis of Interactions Between Agricultural Land-Use and Low-Water Management Strategies. <i>Lecture Notes in Computer Science</i> , 2014, , 85-100.	1.0	19
76	Quantification of nitrate removal by a flooded alluvial zone in the Ill floodplain (Eastern France). <i>Hydrobiologia</i> , 1999, 410, 185-193.	1.0	18
77	The role of the hyporheic zone in the nitrogen dynamics of a semi-árid gravel bed stream located downstream of a heavily polluted reservoir (Tafna wadi, Algeria). <i>River Research and Applications</i> , 2008, 24, 183-196.	0.7	18
78	Using Modeling Tools to Better Understand Permafrost Hydrology. <i>Water (Switzerland)</i> , 2017, 9, 418.	1.2	18
79	Water balance assessment of an ungauged area in Poyang Lake watershed using a spatially distributed runoff coefficient model. <i>Journal of Hydroinformatics</i> , 2018, 20, 1009-1024.	1.1	18
80	ASSESSING THE CLIMATE FORECAST SYSTEM REANALYSIS WEATHER DATA DRIVEN HYDROLOGICAL MODEL FOR THE YANGTZE RIVER BASIN IN CHINA. <i>Applied Ecology and Environmental Research</i> , 2019, 17, 3615-3632.	0.2	18
81	A standardised method for measuring in situ denitrification in shallow aquifers: numerical validation and measurements in riparian wetlands. <i>Hydrology and Earth System Sciences</i> , 2003, 7, 87-96.	1.9	17
82	Wetland restoration and nitrate reduction: the example of the peri-urban wetland of Vitoria-Gasteiz (Basque Country, North Spain). <i>Hydrology and Earth System Sciences</i> , 2003, 7, 109-121.	1.9	17
83	A simple multi-criteria approach to delimitate nitrate attenuation zones in alluvial floodplains. Four cases in south-western Europe. <i>Ecological Engineering</i> , 2017, 103, 315-331.	1.6	17
84	Total water storage variability from GRACE mission and hydrological models for a 50,000 km ² temperate watershed: the Garonne River basin (France). <i>Journal of Hydrology: Regional Studies</i> , 2019, 24, 100609.	1.0	17
85	Coevolution of Hydrological Cycle Components under Climate Change: The Case of the Garonne River in France. <i>Water (Switzerland)</i> , 2018, 10, 1870.	1.2	16
86	A Modeling Approach to Diagnose the Impacts of Global Changes on Discharge and Suspended Sediment Concentration within the Red River Basin. <i>Water (Switzerland)</i> , 2019, 11, 958.	1.2	16
87	Estimation of the Climate Change Impact on the Hydrological Balance in Basins of South-Central Chile. <i>Water (Switzerland)</i> , 2021, 13, 794.	1.2	16
88	Modelling of trace metal transfer in a large river under different hydrological conditions (the Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	1.2	15
89	Macroinvertebrate community traits and nitrate removal in stream sediments. <i>Freshwater Biology</i> , 2017, 62, 929-944.	1.2	15
90	Role of biodiversity in the biogeochemical processes at the water-sediment interface of macroporous river bed: An experimental approach. <i>Ecological Engineering</i> , 2017, 103, 385-393.	1.6	14

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91	Assessment of the denitrification process in alluvial wetlands at floodplain scale using the SWAT model. <i>Ecological Engineering</i> , 2017, 103, 344-358.	1.6	14
92	Assessment of ecological function indicators related to nitrate under multiple human stressors in a large watershed. <i>Ecological Indicators</i> , 2020, 111, 106016.	2.6	13
93	Hydrological Alteration Index as an Indicator of the Calibration Complexity of Water Quantity and Quality Modeling in the Context of Global Change. <i>Water (Switzerland)</i> , 2020, 12, 115.	1.2	13
94	Temporal Dynamics of River Biofilm in Constant Flows: A Case Study in a Riverside Laboratory Flume. <i>International Review of Hydrobiology</i> , 2010, 95, 156-170.	0.5	12
95	Role of the hyporheic heterotrophic biofilm on transformation and toxicity of pesticides. <i>Annales De Limnologie</i> , 2013, 49, 87-95.	0.6	12
96	Effects of herbicide mixtures on freshwater microalgae with the potential effect of a safener. <i>Annales De Limnologie</i> , 2019, 55, 3.	0.6	12
97	Daily denitrification rates in floodplains under contrasting pedo-climatic and anthropogenic contexts: modelling at the watershed scale. <i>Biogeochemistry</i> , 2020, 149, 317-336.	1.7	12
98	Estimating sediment and particulate organic nitrogen and particulate organic phosphorous yields from a volcanic watershed characterized by forest and agriculture using SWAT model. <i>Annales De Limnologie</i> , 2015, 51, 23-35.	0.6	11
99	Does land use impact on groundwater invertebrate diversity and functionality in floodplains?. <i>Ecological Engineering</i> , 2017, 103, 394-403.	1.6	11
100	Applications of a SWAT model to evaluate the contribution of the Tafna catchment (north-west) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 Assessment, 2020, 192, 510.	1.3	11
101	Global-scale daily riverine DOC fluxes from lands to the oceans with a generic model. <i>Global and Planetary Change</i> , 2020, 194, 103294.	1.6	11
102	Role of Local Flow Conditions in River Biofilm Colonization and Early Growth. <i>River Research and Applications</i> , 2015, 31, 350-367.	0.7	10
103	Variation in Vernal Species Composition in Alluvial Forests of the Rhine Valley, Eastern France. <i>Journal of Vegetation Science</i> , 1991, 2, 485.	1.1	9
104	Identifying spatial and seasonal patterns of river water quality in a semiarid irrigated agricultural Mediterranean basin. <i>Environmental Science and Pollution Research</i> , 2015, 22, 18626-18636.	2.7	9
105	Assessing the Climatic and Temporal Transposability of the SWAT Model across a Large Contrasted Watershed. <i>Journal of Hydrologic Engineering - ASCE</i> , 2017, 22, .	0.8	9
106	Integrated Effects of Land Use and Topography on Streamflow Response to Precipitation in an Agriculture-Forest Dominated Northern Watershed. <i>Water (Switzerland)</i> , 2018, 10, 633.	1.2	9
107	A model for evaluating continental chemical weathering from riverine transports of dissolved major elements at a global scale. <i>Global and Planetary Change</i> , 2020, 192, 103226.	1.6	9
108	Denitrification and associated nitrous oxide and carbon dioxide emissions from the Amazonian wetlands. <i>Biogeosciences</i> , 2020, 17, 4297-4311.	1.3	9

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109	A mass-balance approach to estimate in-stream processes in a large river. <i>Hydrological Processes</i> , 2008, 22, 420-428.	1.1	8
110	Assessing potassium environmental losses from a dairy farming watershed with the modified SWAT model. <i>Agricultural Water Management</i> , 2016, 175, 91-104.	2.4	8
111	On modeling chronic detachment of periphyton in artificial rough, open channel flow. <i>Desalination and Water Treatment</i> , 2012, 41, 79-87.	1.0	7
112	Evaluation of hydrology, suspended sediment and Nickel loads in a small watershed in Basque Country (Northern Spain) using eco-hydrological SWAT model. <i>Annales De Limnologie</i> , 2015, 51, 59-70.	0.6	7
113	Development and applications of the SWAT model to support sustainable river basin management on different scales. <i>Sustainability of Water Quality and Ecology</i> , 2016, 8, 1-3.	2.0	7
114	Recovering hydromorphological functionality to improve natural purification capacity of a highly human-modified wetland. <i>Ecological Engineering</i> , 2017, 103, 332-343.	1.6	7
115	Floodplain capacity to depollute water in relation to the structure of biological communities. <i>Ecological Engineering</i> , 2017, 103, 301-314.	1.6	7
116	Combining punctual and high frequency data for the spatiotemporal assessment of main geochemical processes and dissolved exports in an urban river catchment. <i>Science of the Total Environment</i> , 2020, 727, 138644.	3.9	7
117	Evaluating the performance of multiple satellite-based precipitation products in the Congo River Basin using the SWAT model. <i>Journal of Hydrology: Regional Studies</i> , 2022, 42, 101168.	1.0	7
118	Using SWAT-LUD Model to Estimate the Influence of Water Exchange and Shallow Aquifer Denitrification on Water and Nitrate Flux. <i>Water (Switzerland)</i> , 2018, 10, 528.	1.2	6
119	Future climatic and hydrologic changes estimated by bias-adjusted regional climate model outputs of the Cordex-Africa project: case of the Tafna basin (North-Western Africa). <i>International Journal of Global Warming</i> , 2021, 23, 58.	0.2	6
120	Evaluation of hydrological response to extreme climate variability using SWAT model: application to the Fuhe basin of Poyang Lake watershed, China. <i>Hydrology Research</i> , 2017, 48, 1730-1744.	1.1	5
121	Long-term and event-scale sub-daily streamflow and sediment simulation in a small forested catchment. <i>Hydrological Sciences Journal</i> , 2021, 66, 862-873.	1.2	5
122	Sediment Balance Estimation of the "Cuvette Centrale" of the Congo River Basin Using the SWAT Hydrological Model. <i>Water (Switzerland)</i> , 2021, 13, 1388.	1.2	5
123	Agro-environmental risk evaluation by a spatialised multi-criteria modelling combined with the PIXAL method. <i>Revue Internationale De GÃ©omatique</i> , 2013, 23, 39-70.	0.2	5
124	Assessment of suspended sediment load variability in the Tonle Sap and Lower Mekong Rivers, Cambodia. <i>Catena</i> , 2021, 202, 105291.	2.2	4
125	A Methodological Approach for Spatiotemporally Analyzing Water-Polluting Effluents in Agricultural Landscapes Using Partial Triadic Analysis. <i>Journal of Environmental Quality</i> , 2015, 44, 1617-1630.	1.0	3
126	Multiobjective optimization of eco-industrial parks: evaluation of environmental impacts at the watershed scale. <i>Computer Aided Chemical Engineering</i> , 2018, 43, 67-72.	0.3	2

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127	Economic valuation of the natural service of nitrate regulation provided by rivers including dilution effects: Application to a semiarid region, the Ebro basin (Spain). <i>Ecological Indicators</i> , 2020, 117, 106608.	2.6	2
128	SWATLitho: A hydrogeochemical model to estimate daily geochemical loads at the catchment scale. <i>Environmental Modelling and Software</i> , 2021, 135, 104893.	1.9	2
129	Future climatic and hydrologic changes estimated by bias-adjusted regional climate model outputs of the Cordex-Africa project: case of the Tafna basin (North-Western Africa). <i>International Journal of Global Warming</i> , 2021, 23, 58.	0.2	2
130	Validation of hydrodynamic model by remote sensing data for China's largest freshwater lake. , 2015, , .		1
131	Evolution of N-balance with qualitative expert evaluation approach. <i>Journal of Environmental Management</i> , 2021, 291, 112713.	3.8	1
132	Accounting for flow intermittence in freshwater species distribution modelling. <i>Ecohydrology</i> , 2021, 14, e2346.	1.1	1
133	On the Use of Hydrological Models and Satellite Data to Study the Water Budget of River Basins Affected by Human Activities: Examples from the Garonne Basin of France. <i>Space Sciences Series of ISSI</i> , 2016, , 33-57.	0.0	1
134	Assessment of Water Quality Regulation Functions in Southwestern Europe Watersheds. <i>Water (Switzerland)</i> , 2021, 13, 2980.	1.2	1
135	Quantification of nitrate removal by a flooded alluvial zone in the Ill floodplain (Eastern France). , 1999, , 185-193.		1
136	Modeling environmental services in rivers at catchment scale. <i>Annales De Limnologie</i> , 2015, 51, A1-A2.	0.6	1
137	Relationship between micro-granulometric profile and chemical sediment composition in MampostÃ³n sub-watershed, Mayabeque, Cuba. <i>Journal of South American Earth Sciences</i> , 2020, 101, 102538.	0.6	0
138	Daily Estimation of Inland Water Storage in the Madeira Basin During the Last Twenty Years (1998â€“2018). , 2021, , .		0
139	Assessing nitrate, carbon and sediment fluxes by coupling SWAT and RIVE models : the case of Vienne watershed (France). , 2021, , .		0
140	Global carbon sequestration through continental chemical weathering in a climatic change context. <i>Scientific Reports</i> , 2021, 11, 23588.	1.6	0