# Jm SÃ¡nchez-PÃ©rez

List of Publications by Year
in descending order

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| 140 | 4,152 | 81900 | 149698 |
|---|---|---|---|
| papers | citations | 39 h-index | 56 g-index |

| 155 | 155 | 155 | 4936 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Evaluating the performance of multiple satellite-based precipitation products in the Congo River Basin using the SWAT model. Journal of Hydrology: Regional Studies, 2022, 42, 101168. | 2.4 | 7 |
| 2 | SWATLitho: A hydrogeochemical model to estimate daily geochemical loads at the catchment scale. Environmental Modelling and Software, 2021, 135, 104893. | 4.5 | 2 |
| 3 | Denitrification in wetlands: A review towards a quantification at global scale. Science of the Total Environment, 2021, 754, 142398. | 8.0 | 77 |
| 4 | A modelling-based assessment of suspended sediment transport related to new damming in the Red River basin from 2000 to 2013. Catena, 2021, 197, 104958. | 5.0 | 19 |
| 5 | 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). International Journal of Global Warming, 2021, 23, 58. | 0.5 | 6 |
| 6 | Estimation of the Climate Change Impact on the Hydrological Balance in Basins of South-Central Chile. Water (Switzerland), 2021, 13, 794. | 2.7 | 16 |
| 7 | Long-term and event-scale sub-daily streamflow and sediment simulation in a small forested catchment. Hydrological Sciences Journal, 2021, 66, 862-873. | 2.6 | 5 |
| 8 | The Role of Ponds in Pesticide Dissipation at the Agricultural Catchment Scale: A Critical Review. Water (Switzerland), 2021, 13, 1202. | 2.7 | 20 |
| 9 | Sediment Balance Estimation of the â€˜Cuvette Centraleâ€™ of the Congo River Basin Using the SWAT Hydrological Model. Water (Switzerland), 2021, 13, 1388. | 2.7 | 5 |
| 10 | Assessment of suspended sediment load variability in the Tonle Sap and Lower Mekong Rivers, Cambodia. Catena, 2021, 202, 105291. | 5.0 | 4 |
| 11 | Evolution of N-balance with qualitative expert evaluation approach. Journal of Environmental Management, 2021, 291, 112713. | 7.8 | 1 |
| 12 | Accounting for flow intermittence in freshwater species distribution modelling. Ecohydrology, 2021, 14, e2346. | 2.4 | 1 |
| 13 | 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). International Journal of Global Warming, 2021, 23, 58. | 0.5 | 2 |
| 14 | Daily Estimation of Inland Water Storage in the Madeira Basin During the Last Twenty Years (1998â€“2018). , 2021, , . | | 0 |
| 15 | Assessment of Water Quality Regulation Functions in Southwestern Europe Watersheds. Water (Switzerland), 2021, 13, 2980. | 2.7 | 1 |
| 16 | Assessing nitrate, carbon and sediment fluxes by coupling SWAT and RIVE models : the case of Vienne watershed (France). , 2021, , . | | 0 |
| 17 | Global carbon sequestration through continental chemical weathering in a climatic change context. Scientific Reports, 2021, 11, 23588. | 3.3 | 0 |
| 18 | Assessment of ecological function indicators related to nitrate under multiple human stressors in a large watershed. Ecological Indicators, 2020, 111, 106016. | 6.3 | 13 |

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|---|---|---|---|
| 19 | Applications of a SWAT model to evaluate the contribution of the Tafna catchment (north-west) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Assessment, 2020, 192, 510. | 2.7 | 11 |
| 20 | Assessment of Hydrology and Sediment Yield in the Mekong River Basin Using SWAT Model. Water (Switzerland), 2020, 12, 3503. | 2.7 | 25 |
| 21 | Global-scale daily riverine DOC fluxes from lands to the oceans with a generic model. Global and Planetary Change, 2020, 194, 103294. | 3.5 | 11 |
| 22 | A model for evaluating continental chemical weathering from riverine transports of dissolved major elements at a global scale. Global and Planetary Change, 2020, 192, 103226. | 3.5 | 9 |
| 23 | Economic valuation of the natural service of nitrate regulation provided by rivers including dilution effects: Application to a semiarid region, the Ebro basin (Spain). Ecological Indicators, 2020, 117, 106608. | 6.3 | 2 |
| 24 | Hydrological Alteration Index as an Indicator of the Calibration Complexity of Water Quantity and Quality Modeling in the Context of Global Change. Water (Switzerland), 2020, 12, 115. | 2.7 | 13 |
| 25 | Effect of Land Use/Cover Change on the Hydrological Response of a Southern Center Basin of Chile. Water (Switzerland), 2020, 12, 302. | 2.7 | 25 |
| 26 | Relationship between micro-granulometric profile and chemical sediment composition in MampostÃ³n sub-watershed, Mayabeque, Cuba. Journal of South American Earth Sciences, 2020, 101, 102538. | 1.4 | 0 |
| 27 | Combining punctual and high frequency data for the spatiotemporal assessment of main geochemical processes and dissolved exports in an urban river catchment. Science of the Total Environment, 2020, 727, 138644. | 8.0 | 7 |
| 28 | Daily denitrification rates in floodplains under contrasting pedo-climatic and anthropogenic contexts: modelling at the watershed scale. Biogeochemistry, 2020, 149, 317-336. | 3.5 | 12 |
| 29 | Denitrification and associated nitrous oxide and carbon dioxide emissions from the Amazonian wetlands. Biogeosciences, 2020, 17, 4297-4311. | 3.3 | 9 |
| 30 | A Modeling Approach to Diagnose the Impacts of Global Changes on Discharge and Suspended Sediment Concentration within the Red River Basin. Water (Switzerland), 2019, 11, 958. | 2.7 | 16 |
| 31 | Total water storage variability from GRACE mission and hydrological models for a 50,000 km2 temperate watershed: the Garonne River basin (France). Journal of Hydrology: Regional Studies, 2019, 24, 100609. | 2.4 | 17 |
| 32 | Effects of herbicide mixtures on freshwater microalgae with the potential effect of a safener. Annales De Limnologie, 2019, 55, 3. | 0.6 | 12 |
| 33 | Assessment of sediment and organic carbon exports into the Arctic ocean: The case of the Yenisei River basin. Water Research, 2019, 158, 118-135. | 11.3 | 46 |
| 34 | Water resources and nitrate discharges in relation to agricultural land uses in an intensively irrigated watershed. Science of the Total Environment, 2019, 659, 1293-1306. | 8.0 | 24 |
| 35 | ASSESSING THE CLIMATE FORECAST SYSTEM REANALYSIS WEATHER DATA DRIVEN HYDROLOGICAL MODEL FOR THE YANGTZE RIVER BASIN IN CHINA. Applied Ecology and Environmental Research, 2019, 17, 3615-3632. | 0.5 | 18 |
| 36 | Modelling the role of riverbed compartments in the regulation of water quality as an ecological service. Ecological Engineering, 2018, 118, 19-30. | 3.6 | 19 |

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|---|---|---|---|
| 37 | Coevolution of Hydrological Cycle Components under Climate Change: The Case of the Garonne River in France. Water (Switzerland), 2018, 10, 1870. | 2.7 | 16 |
| 38 | OZCAR: The French Network of Critical Zone Observatories. Vadose Zone Journal, 2018, 17, 1-24. | 2.2 | 126 |
| 39 | Using SWAT-LUD Model to Estimate the Influence of Water Exchange and Shallow Aquifer Denitrification on Water and Nitrate Flux. Water (Switzerland), 2018, 10, 528. | 2.7 | 6 |
| 40 | Integrated Effects of Land Use and Topography on Streamflow Response to Precipitation in an Agriculture-Forest Dominated Northern Watershed. Water (Switzerland), 2018, 10, 633. | 2.7 | 9 |
| 41 | Modelling the impact of climate and land cover change on hydrology and water quality in a forest watershed in the Basque Country (Northern Spain). Ecological Engineering, 2018, 122, 315-326. | 3.6 | 21 |
| 42 | Multiobjective optimization of eco-industrial parks: evaluation of environmental impacts at the watershed scale. Computer Aided Chemical Engineering, 2018, 43, 67-72. | 0.5 | 2 |
| 43 | Assessing the Water Footprint of Wheat and Maize in Haihe River Basin, Northern China (1956â€“2015). Water (Switzerland), 2018, 10, 867. | 2.7 | 26 |
| 44 | Water balance assessment of an ungauged area in Poyang Lake watershed using a spatially distributed runoff coefficient model. Journal of Hydroinformatics, 2018, 20, 1009-1024. | 2.4 | 18 |
| 45 | Biodiversity and ecosystem purification service in an alluvial wetland. Ecological Engineering, 2017, 103, 359-371. | 3.6 | 20 |
| 46 | Spatio-temporal analysis of factors controlling nitrate dynamics and potential denitrification hot spots and hot moments in groundwater of an alluvial floodplain. Ecological Engineering, 2017, 103, 372-384. | 3.6 | 60 |
| 47 | Recovering hydromorphological functionality to improve natural purification capacity of a highly human-modified wetland. Ecological Engineering, 2017, 103, 332-343. | 3.6 | 7 |
| 48 | Role of biodiversity in the biogeochemical processes at the water-sediment interface of macroporous river bed: An experimental approach. Ecological Engineering, 2017, 103, 385-393. | 3.6 | 14 |
| 49 | Does land use impact on groundwater invertebrate diversity and functionality in floodplains?. Ecological Engineering, 2017, 103, 394-403. | 3.6 | 11 |
| 50 | Modelling trace metal transfer in large rivers under dynamic hydrology: A coupled hydrodynamic and chemical equilibrium model. Environmental Modelling and Software, 2017, 89, 77-96. | 4.5 | 19 |
| 51 | Assessing the hydrological response from an ensemble of CMIP5 climate projections in the transition zone of the Atlantic region (Bay of Biscay). Journal of Hydrology, 2017, 548, 46-62. | 5.4 | 45 |
| 52 | Assessing the Climatic and Temporal Transposability of the SWAT Model across a Large Contrasted Watershed. Journal of Hydrologic Engineering - ASCE, 2017, 22, . | 1.9 | 9 |
| 53 | Macroinvertebrate community traits and nitrate removal in stream sediments. Freshwater Biology, 2017, 62, 929-944. | 2.4 | 15 |
| 54 | Evaluation of hydrological response to extreme climate variability using SWAT model: application to the Fuhe basin of Poyang Lake watershed, China. Hydrology Research, 2017, 48, 1730-1744. | 2.7 | 5 |

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|---|---|---|---|
| 55 | Comparison of Langmuir and Freundlich adsorption equations within the SWAT-K model for assessing potassium environmental losses at basin scale. Agricultural Water Management, 2017, 180, 205-211. | 5.6 | 59 |
| 56 | A simple multi-criteria approach to delimitate nitrate attenuation zones in alluvial floodplains. Four cases in south-western Europe. Ecological Engineering, 2017, 103, 315-331. | 3.6 | 17 |
| 57 | Floodplain capacity to depollute water in relation to the structure of biological communities. Ecological Engineering, 2017, 103, 301-314. | 3.6 | 7 |
| 58 | Assessment of the denitrification process in alluvial wetlands at floodplain scale using the SWAT model. Ecological Engineering, 2017, 103, 344-358. | 3.6 | 14 |
| 59 | Testing the SWAT Model with Gridded Weather Data of Different Spatial Resolutions. Water (Switzerland), 2017, 9, 54. | 2.7 | 29 |
| 60 | Modelling Hydrology and Sediment Transport in a Semi-Arid and Anthropized Catchment Using the SWAT Model: The Case of the Tafna River (Northwest Algeria). Water (Switzerland), 2017, 9, 216. | 2.7 | 60 |
| 61 | Using Modeling Tools to Better Understand Permafrost Hydrology. Water (Switzerland), 2017, 9, 418. | 2.7 | 18 |
| 62 | Simulating Flash Floods at Hourly Time-Step Using the SWAT Model. Water (Switzerland), 2017, 9, 929. | 2.7 | 55 |
| 63 | Stream flow simulation and verification in ungauged zones by coupling hydrological and hydrodynamic models: a case study of the Poyang Lake ungauged zone. Hydrology and Earth System Sciences, 2017, 21, 5847-5861. | 4.9 | 31 |
| 64 | Can Recent Global Changes Explain the Dramatic Range Contraction of an Endangered Semi-Aquatic Mammal Species in the French Pyrenees?. PLoS ONE, 2016, 11, e0159941. | 2.5 | 20 |
| 65 | Development and applications of the SWAT model to support sustainable river basin management on different scales. Sustainability of Water Quality and Ecology, 2016, 8, 1-3. | 2.0 | 7 |
| 66 | Water age prediction and its potential impacts on water quality using a hydrodynamic model for Poyang Lake, China. Environmental Science and Pollution Research, 2016, 23, 13327-13341. | 5.3 | 55 |
| 67 | Spatially distributed modelling of surface water-groundwater exchanges during overbank flood events â€“ a case study at the Garonne River. Advances in Water Resources, 2016, 94, 146-159. | 3.8 | 25 |
| 68 | Effect of flood events on transport of suspended sediments, organic matter and particulate metals in a forest watershed in the Basque Country (Northern Spain). Science of the Total Environment, 2016, 569-570, 784-797. | 8.0 | 26 |
| 69 | Improved simulation of river water and groundwater exchange in an alluvial plain using the SWAT model. Hydrological Processes, 2016, 30, 187-202. | 2.6 | 53 |
| 70 | Different modelling approaches to evaluate nitrogen transport and turnover at the watershed scale. Journal of Hydrology, 2016, 539, 478-494. | 5.4 | 20 |
| 71 | 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. Surveys in Geophysics, 2016, 37, 223-247. | 4.6 | 36 |
| 72 | Assessing potassium environmental losses from a dairy farming watershed with the modified SWAT model. Agricultural Water Management, 2016, 175, 91-104. | 5.6 | 8 |

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|---|---|---|---|
| 73 | 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. Space Sciences Series of ISSI, 2016, , 33-57. | 0.0 | 1 |
| 74 | Evaluation of hydrology, suspended sediment and Nickel loads in a small watershed in Basque Country (Northern Spain) using eco-hydrological SWAT model. Annales De Limnologie, 2015, 51, 59-70. | 0.6 | 7 |
| 75 | Role of Local Flow Conditions in River Biofilm Colonization and Early Growth. River Research and Applications, 2015, 31, 350-367. | 1.7 | 10 |
| 76 | A Methodological Approach for Spatiotemporally Analyzing Water-Polluting Effluents in Agricultural Landscapes Using Partial Triadic Analysis. Journal of Environmental Quality, 2015, 44, 1617-1630. | 2.0 | 3 |
| 77 | Estimating sediment and particulate organic nitrogen and particulate organic phosphorous yields from a volcanic watershed characterized by forest and agriculture using SWAT model. Annales De Limnologie, 2015, 51, 23-35. | 0.6 | 11 |
| 78 | Validation of hydrodynamic model by remote sensing data for China's largest freshwater lake. , 2015, , . | | 1 |
| 79 | Integrating hydrological features and genetically validated occurrence data in occupancy modelling of an endemic and endangered semi-aquatic mammal, Galemys pyrenaicus , in a Pyrenean catchment. Biological Conservation, 2015, 184, 182-192. | 4.1 | 19 |
| 80 | Sediment and nutrient dynamics during storm events in the EnxoÃ© temporary river, southern Portugal. Catena, 2015, 127, 177-190. | 5.0 | 54 |
| 81 | Potential denitrification rates are spatially linked to colonization patterns of nosZ genotypes in an alluvial wetland. Ecological Engineering, 2015, 80, 191-197. | 3.6 | 19 |
| 82 | Identifying spatial and seasonal patterns of river water quality in a semiarid irrigated agricultural Mediterranean basin. Environmental Science and Pollution Research, 2015, 22, 18626-18636. | 5.3 | 9 |
| 83 | Assessing the capability of the SWAT model to simulate snow, snow melt and streamflow dynamics over an alpine watershed. Journal of Hydrology, 2015, 531, 574-588. | 5.4 | 121 |
| 84 | Seasonal variability of NO3â˜ mobilization during flood events in a Mediterranean catchment: The influence of intensive agricultural irrigation. Agriculture, Ecosystems and Environment, 2015, 200, 208-218. | 5.3 | 27 |
| 85 | Modelling of trace metal transfer in a large river under different hydrological conditions (the) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf | 2.5 | 15 |
| 86 | Modeling environmental services in rivers at catchment scale. Annales De Limnologie, 2015, 51, A1-A2. | 0.6 | 1 |
| 87 | Daily Nitrate Losses: Implication on Long-Term River Quality in an Intensive Agricultural Catchment of Southwestern France. Journal of Environmental Quality, 2014, 43, 46-54. | 2.0 | 31 |
| 88 | Variability of particulate (SS, POC) and dissolved (DOC, NO<sub>3</sub>) matter during storm events in the Alegria agricultural watershed. Hydrological Processes, 2014, 28, 2855-2867. | 2.6 | 35 |
| 89 | Modelling epilithic biofilms combining hydrodynamics, invertebrate grazing and algal traits. Freshwater Biology, 2014, 59, 1213-1228. | 2.4 | 27 |
| 90 | New insight into pesticide partition coefficient Kd for modelling pesticide fluvial transport: Application to an agricultural catchment in south-western France. Chemosphere, 2014, 99, 134-142. | 8.2 | 43 |

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|---|---|---|---|
| 91 | Application date as a controlling factor of pesticide transfers to surface water during runoff events. Catena, 2014, 119, 97-103. | 5.0 | 43 |
| 92 | Simulating Land Management Options to Reduce Nitrate Pollution in an Agricultural Watershed Dominated by an Alluvial Aquifer. Journal of Environmental Quality, 2014, 43, 67-74. | 2.0 | 46 |
| 93 | The MAELIA Multi-Agent Platform for Integrated Analysis of Interactions Between Agricultural Land-Use and Low-Water Management Strategies. Lecture Notes in Computer Science, 2014, , 85-100. | 1.3 | 19 |
| 94 | Continuous measurement of nitrate concentration in a highly eventâ€responsive agricultural catchment in southâ€west of France: is the gain of information useful?. Hydrological Processes, 2013, 27, 1751-1763. | 2.6 | 43 |
| 95 | Non-target effects of three formulated pesticides on microbially-mediated processes in a clay-loam soil. Science of the Total Environment, 2013, 449, 345-354. | 8.0 | 108 |
| 96 | Simulating the long term impact of nitrate mitigation scenarios in a pilot study basin. Agricultural Water Management, 2013, 124, 85-96. | 5.6 | 19 |
| 97 | Interaction between local hydrodynamics and algal community in epilithic biofilm. Water Research, 2013, 47, 2153-2163. | 11.3 | 70 |
| 98 | Role of the hyporheic heterotrophic biofilm on transformation and toxicity of pesticides. Annales De Limnologie, 2013, 49, 87-95. | 0.6 | 12 |
| 99 | Agro-environmental risk evaluation by a spatialised multi-criteria modelling combined with the PIXAL method. Revue Internationale De GÃ©omatique, 2013, 23, 39-70. | 0.1 | 5 |
| 100 | The role of organisms in hyporheic processes: gaps in current knowledge, needs for future research and applications. Annales De Limnologie, 2012, 48, 253-266. | 0.6 | 81 |
| 101 | Predicting soil water and mineral nitrogen contents with the STICS model for estimating nitrate leaching under agricultural fields. Agricultural Water Management, 2012, 107, 54-65. | 5.6 | 37 |
| 102 | On modeling chronic detachment of periphyton in artificial rough, open channel flow. Desalination and Water Treatment, 2012, 41, 79-87. | 1.0 | 7 |
| 103 | Mutagenic impact on fish of runoff events in agricultural areas in south-west France. Aquatic Toxicology, 2011, 101, 126-134. | 4.0 | 76 |
| 104 | Longitudinal transformation of nitrogen and carbon in the hyporheic zone of an N-rich stream: A combined modelling and field study. Physics and Chemistry of the Earth, 2011, 36, 599-611. | 2.9 | 37 |
| 105 | Occurrence of metolachlor and trifluralin losses in the Save river agricultural catchment during floods. Journal of Hazardous Materials, 2011, 196, 210-219. | 12.4 | 61 |
| 106 | Assessment of hydrology, sediment and particulate organic carbon yield in a large agricultural catchment using the SWAT model. Journal of Hydrology, 2011, 401, 145-153. | 5.4 | 171 |
| 107 | Understanding nitrogen transfer dynamics in a small agricultural catchment: Comparison of a distributed (TNT2) and a semi distributed (SWAT) modeling approaches. Journal of Hydrology, 2011, 406, 1-15. | 5.4 | 80 |
| 108 | Fluvial transport of suspended sediment and organic carbon during flood events in a large agricultural catchment in southwest France. Hydrological Processes, 2011, 25, 2365-2378. | 2.6 | 60 |

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|---|---|---|---|
| 109 | Temporal variability of nitrate transport through hydrological response during flood events within a large agricultural catchment in south-west France. Science of the Total Environment, 2010, 409, 140-149. | 8.0 | 61 |
| 110 | Dynamics of suspended sediment transport and yield in a large agricultural catchment, southwest France. Earth Surface Processes and Landforms, 2010, 35, 1289-1301. | 2.5 | 142 |
| 111 | Temporal Dynamics of River Biofilm in Constant Flows: A Case Study in a Riverside Laboratory Flume. International Review of Hydrobiology, 2010, 95, 156-170. | 0.9 | 12 |
| 112 | Effect of nearâ€bed turbulence on chronic detachment of epilithic biofilm: Experimental and modeling approaches. Water Resources Research, 2010, 46, . | 4.2 | 25 |
| 113 | Eutrophication and its effect on dissolved Si concentrations in the Garonne River (France). Journal of Limnology, 2009, 68, 368. | 1.1 | 22 |
| 114 | Herbicide accumulation and evolution in reservoir sediments. Science of the Total Environment, 2009, 407, 2659-2665. | 8.0 | 42 |
| 115 | Influence of the hyporheic zone on the phosphorus dynamics of a large gravelâ€bed river, Garonne River, France. Hydrological Processes, 2009, 23, 1801-1812. | 2.6 | 33 |
| 116 | Effects of wastewater treatment plant pollution on in-stream ecosystems functions in an agricultural watershed. Annales De Limnologie, 2009, 45, 79-92. | 0.6 | 19 |
| 117 | Differentiated free-living and sediment-attached bacterial community structure inside and outside denitrification hotspots in the riverâ€“groundwater interface. Hydrobiologia, 2008, 598, 109-121. | 2.0 | 45 |
| 118 | The role of the hyporheic zone in the nitrogen dynamics of a semiâ€arid gravel bed stream located downstream of a heavily polluted reservoir (Tafna wadi, Algeria). River Research and Applications, 2008, 24, 183-196. | 1.7 | 18 |
| 119 | Identification of a minimal adequate model to describe the biomass dynamics of river epilithon. River Research and Applications, 2008, 24, 36-53. | 1.7 | 23 |
| 120 | Water uptake by trees in a riparian hardwood forest (Rhine floodplain, France). Hydrological Processes, 2008, 22, 366-375. | 2.6 | 48 |
| 121 | A mass-balance approach to estimate in-stream processes in a large river. Hydrological Processes, 2008, 22, 420-428. | 2.6 | 8 |
| 122 | A coupled vertically integrated model to describe lateral exchanges between surface and subsurface in large alluvial floodplains with a fully penetrating river. Hydrological Processes, 2008, 22, 4257-4273. | 2.6 | 44 |
| 123 | Evaluation of the impact of various agricultural practices on nitrate leaching under the root zone of potato and sugar beet using the STICS soilâ€crop model. Science of the Total Environment, 2008, 394, 207-221. | 8.0 | 66 |
| 124 | Assessing the importance of a self-generated detachment process in river biofilm models. Freshwater Biology, 2006, 51, 901-912. | 2.4 | 95 |
| 125 | The influence of nitrate leaching through unsaturated soil on groundwater pollution in an agricultural area of the Basque country: a case study. Science of the Total Environment, 2003, 317, 173-187. | 8.0 | 92 |
| 126 | Assessment of the quantitative and qualitative buffer function of an alluvial wetland: hydrological modelling of a large floodplain (Garonne River, France). Hydrological Processes, 2003, 17, 2375-2392. | 2.6 | 45 |

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|---|---|---|---|
| 127 | Change in groundwater chemistry as a consequence of suppression of floods: the case of the Rhine floodplain. Journal of Hydrology, 2003, 270, 89-104. | 5.4 | 66 |
| 128 | A standardised method for measuring in situ denitrification in shallow aquifers: numerical validation and measurements in riparian wetlands. Hydrology and Earth System Sciences, 2003, 7, 87-96. | 4.9 | 17 |
| 129 | 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. Hydrology and Earth System Sciences, 2003, 7, 97-107. | 4.9 | 48 |
| 130 | Wetland restoration and nitrate reduction: the example of the peri-urban wetland of Vitoria-Gasteiz (Basque Country, North Spain). Hydrology and Earth System Sciences, 2003, 7, 109-121. | 4.9 | 17 |
| 131 | Title is missing!. Hydrobiologia, 2002, 469, 11-21. | 2.0 | 59 |
| 132 | Quantification of nitrate removal by a flooded alluvial zone in the Ill floodplain (Eastern France). Hydrobiologia, 1999, 410, 185-193. | 2.0 | 18 |
| 133 | Spatial and temporal variations of nutrient concentration in the groundwater of a floodplain: effect of hydrology, vegetation and substrate. Hydrological Processes, 1999, 13, 1511-1526. | 2.6 | 42 |
| 134 | Changes in foliar nutrient content and resorption in Fraxinus excelsior L., Ulmus minor Mill. and Clematis vitalba L. after prevention of floods. Annales Des Sciences ForestiÃ¨res, 1999, 56, 641-650. | 1.2 | 26 |
| 135 | Quantification of nitrate removal by a flooded alluvial zone in the Ill floodplain (Eastern France). , 1999, , 185-193. | | 1 |
| 136 | Title is missing!. Plant Ecology, 1998, 135, 59-78. | 1.6 | 80 |
| 137 | Variation in Nutrient Levels of the Groundwater in the Upper Rhine Alluvial Forests as a Consequence of Hydrological Regime and Soil Texture. Global Ecology and Biogeography Letters, 1997, 6, 211. | 0.6 | 19 |
| 138 | Groundwater pollution in Quaternary aquifer of Vitoria - Gasteiz (Basque Country, Spain). Environmental Geology, 1997, 30, 257-265. | 1.2 | 25 |
| 139 | Variation in Vernal Species Composition in Alluvial Forests of the Rhine Valley, Eastern France. Journal of Vegetation Science, 1991, 2, 485. | 2.2 | 9 |
| 140 | Application of the SWAT model to assess the impact of changes in agricultural management practices on water quality. Hydrological Sciences Journal, 0, , 1-19. | 2.6 | 21 |