

Maria Molinos-Senante

List of Publications by Year in descending order

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163
papers

5,014
citations

81900

39
h-index

114465

63
g-index

164
all docs

164
docs citations

164
times ranked

3442
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the dynamic carbon performance of water companies: a parametric approach. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 5461-5472.	3.5	4
2	Measuring the quality of service of water companies: A two-stage goal programming synthetic index proposal. <i>Socio-Economic Planning Sciences</i> , 2022, 79, 101140.	5.0	6
3	Economies of integration and sources of change in productivity in the Chilean water and sewerage industry: a translog cost function approach. <i>Environmental Science and Pollution Research</i> , 2022, 29, 8503-8513.	5.3	2
4	Estimation of greenhouse gases shadow price in the English and Welsh water industry. <i>Environmental Science and Pollution Research</i> , 2022, 29, 16612-16623.	5.3	2
5	Performance analysis of Chilean water companies after the privatization of the industry: the influence of ownership. <i>Water International</i> , 2022, 47, 114-131.	1.0	1
6	Measuring operational and quality-adjusted efficiency of Chilean water companies. <i>Npj Clean Water</i> , 2022, 5, .	8.0	10
7	Evaluation of energy efficiency of wastewater treatment plants: The influence of the technology and aging factors. <i>Applied Energy</i> , 2022, 310, 118535.	10.1	15
8	Performance assessment of the Chilean water sector: A network data envelopment analysis approach. <i>Utilities Policy</i> , 2022, 75, 101350.	4.0	4
9	Prediction of the efficiency in the water industry: An artificial neural network approach. <i>Chemical Engineering Research and Design</i> , 2022, 160, 41-48.	5.6	3
10	Measuring technical, environmental and eco-efficiency in municipal solid waste management in Chile. <i>International Journal of Sustainable Engineering</i> , 2022, 15, 71-85.	3.5	4
11	The third route: A techno-economic evaluation of extreme water and wastewater decentralization. <i>Water Research</i> , 2022, 218, 118408.	11.3	21
12	The impact of model specification and environmental variables on measuring the overall technical efficiency of water and sewerage services: Evidence from Chile. <i>Structural Change and Economic Dynamics</i> , 2022, 61, 191-198.	4.5	3
13	Benchmarking the economic and environmental performance of water utilities: a comparison of frontier techniques. <i>Benchmarking</i> , 2022, 29, 3176-3193.	4.6	6
14	Influence of environmental variables on the energy efficiency of drinking water treatment plants. <i>Science of the Total Environment</i> , 2022, 833, 155246.	8.0	11
15	Challenges and opportunities for drinking water treatment residuals (DWTRs) in metal-rich areas: an integrated approach. <i>Environmental Science and Pollution Research</i> , 2022, 29, 65599-65612.	5.3	3
16	Estimating performance and savings of water leakages and unplanned water supply interruptions in drinking water providers. <i>Resources, Conservation and Recycling</i> , 2022, 186, 106538.	10.8	6
17	Drivers of profitability and productivity growth in the English and Welsh water industry since privatization. <i>International Journal of Water Resources Development</i> , 2021, 37, 865-881.	2.0	3
18	Performance assessment of water companies: A metafrontier approach accounting for quality of service and group heterogeneities. <i>Socio-Economic Planning Sciences</i> , 2021, 74, 100948.	5.0	12

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19	Marginal abatement cost of carbon dioxide emissions in the provision of urban drinking water. Sustainable Production and Consumption, 2021, 25, 439-449.	11.0	19
20	Measuring the marginal costs of reducing water leakage: the case of water and sewerage utilities in Chile. Environmental Science and Pollution Research, 2021, 28, 32733-32743.	5.3	5
21	Evaluation of economies of scale in eco-efficiency of municipal waste management: an empirical approach for Chile. Environmental Science and Pollution Research, 2021, 28, 28337-28348.	5.3	28
22	Eco-Efficiency of the English and Welsh Water Companies: A Cross Performance Assessment. International Journal of Environmental Research and Public Health, 2021, 18, 2831.	2.6	15
23	Total factor productivity assessment of water and sanitation services: an empirical application including quality of service factors. Environmental Science and Pollution Research, 2021, 28, 37818-37829.	5.3	2
24	Marginal Cost of Reducing Unplanned Water Supply Interruptions: Influence of Water Company Ownership. Journal of Water Resources Planning and Management - ASCE, 2021, 147, 04020112.	2.6	4
25	Drivers of productivity change: a comparison of English and Welsh water only and water and sewerage companies. Urban Water Journal, 2021, 18, 342-351.	2.1	0
26	The impact of greenhouse gas emissions on the performance of water companies: a dynamic assessment. Environmental Science and Pollution Research, 2021, 28, 48284-48297.	5.3	7
27	Productivity growth, economies of scale and scope in the water and sewerage industry: The Chilean case. PLoS ONE, 2021, 16, e0251874.	2.5	6
28	Water company productivity change: A disaggregated approach accounting for changes in inputs and outputs. Utilities Policy, 2021, 70, 101190.	4.0	7
29	The Cost of Reducing Municipal Unsorted Solid Waste: Evidence from Municipalities in Chile. Sustainability, 2021, 13, 6607.	3.2	10
30	Assessing the marginal cost of reducing greenhouse gas emissions in the English and Welsh water and sewerage industry: A parametric approach. Utilities Policy, 2021, 70, 101193.	4.0	3
31	Comparing Operational, Environmental and Eco-Efficiency of Water Companies in England and Wales. Energies, 2021, 14, 3635.	3.1	9
32	Eco-efficiency assessment of municipal solid waste services: Influence of exogenous variables. Waste Management, 2021, 130, 136-146.	7.4	23
33	Changes to The Productivity of Water Companies: Comparison of Fully Private and Concessionary Water Companies. Water Resources Management, 2021, 35, 3355-3371.	3.9	3
34	Benchmarking the efficiency of water and sewerage companies: Application of the stochastic non-parametric envelopment of data (stoned) method. Expert Systems With Applications, 2021, 186, 115711.	7.6	13
35	Assessing the Quality of Service of Water Companies: a "Benefit of the Doubt" Composite Indicator. Social Indicators Research, 2021, 155, 371-387.	2.7	10
36	Measuring the overall cost efficiency of water companies and its determinants: an empirical study of stochastic frontier models. Environmental Science and Pollution Research, 2021, , 1.	5.3	0

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37	Domestic Uses of Water. <i>World Water Resources</i> , 2021, , 259-271.	0.4	2
38	Assessing the dynamic eco-efficiency of Italian municipalities by accounting for the ownership of the entrusted waste utilities. <i>Utilities Policy</i> , 2021, 73, 101311.	4.0	3
39	Benchmarking energy efficiency of water treatment plants: Effects of data variability. <i>Science of the Total Environment</i> , 2020, 701, 134960.	8.0	12
40	Drivers of productivity change in water companies: an empirical approach for England and Wales. <i>International Journal of Water Resources Development</i> , 2020, 36, 972-991.	2.0	15
41	A metastochastic frontier analysis for technical efficiency comparison of water companies in England and Wales. <i>Environmental Science and Pollution Research</i> , 2020, 27, 729-740.	5.3	5
42	Impact of external costs of unplanned supply interruptions on water company efficiency: Evidence from Chile. <i>Utilities Policy</i> , 2020, 66, 101087.	4.0	10
43	Changes in the total costs of the English and Welsh water and sewerage industry: The decomposed effect of price and quantity inputs on efficiency. <i>Utilities Policy</i> , 2020, 66, 101063.	4.0	4
44	Evaluating the Eco-Efficiency of Wastewater Treatment Plants: Comparison of Optimistic and Pessimistic Approaches. <i>Sustainability</i> , 2020, 12, 10580.	3.2	9
45	Financial winners and losers since the privatization of the English and Welsh water and sewerage industry: a profit decomposition approach. <i>Urban Water Journal</i> , 2020, 17, 224-234.	2.1	4
46	Factors affecting eco-efficiency of municipal waste services in Tuscan municipalities: An empirical investigation of different management models. <i>Waste Management</i> , 2020, 105, 384-394.	7.4	55
47	Resilience of critical infrastructure to natural hazards: A review focused on drinking water systems. <i>International Journal of Disaster Risk Reduction</i> , 2020, 48, 101575.	3.9	42
48	Estimating technical efficiency and allocative distortions of water companies: evidence from the English and Welsh water and sewerage industry. <i>Environmental Science and Pollution Research</i> , 2020, 27, 35174-35183.	5.3	6
49	The cost of reducing unplanned water supply interruptions: A parametric shadow price approach. <i>Science of the Total Environment</i> , 2020, 719, 137487.	8.0	19
50	Evaluating trends in the performance of Chilean water companies: impact of quality of service and environmental variables. <i>Environmental Science and Pollution Research</i> , 2020, 27, 13155-13165.	5.3	13
51	Are Frontier Efficiency Methods Adequate to Compare the Efficiency of Water Utilities for Regulatory Purposes?. <i>Water (Switzerland)</i> , 2020, 12, 1046.	2.7	12
52	A composite indicator approach to assess the sustainability and resilience of wastewater management alternatives. <i>Science of the Total Environment</i> , 2020, 725, 138286.	8.0	35
53	Technological and operational characteristics of the Chilean water and sewerage industry: A comparison of public, concessionary and private companies. <i>Journal of Cleaner Production</i> , 2020, 264, 121772.	9.3	10
54	Assessment of Energy Efficiency and Its Determinants for Drinking Water Treatment Plants Using A Double-Bootstrap Approach. <i>Energies</i> , 2019, 12, 765.	3.1	7

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55	Assessing the quality of service for drinking water supplies in rural settings: A synthetic index approach. <i>Journal of Environmental Management</i> , 2019, 247, 613-623.	7.8	26
56	Are water tariffs sufficient incentives to reduce water leakages? An empirical approach for Chile. <i>Utilities Policy</i> , 2019, 61, 100971.	4.0	20
57	Impact of environmental variables on the efficiency of water companies in England and Wales: a double-bootstrap approach. <i>Environmental Science and Pollution Research</i> , 2019, 26, 31014-31025.	5.3	36
58	Productivity growth and its drivers in the Chilean water and sewerage industry: a comparison of alternative benchmarking techniques. <i>Urban Water Journal</i> , 2019, 16, 353-364.	2.1	15
59	Cost Efficiency of English and Welsh Water Companies: a Meta-Stochastic Frontier Analysis. <i>Water Resources Management</i> , 2019, 33, 3041-3055.	3.9	16
60	Measuring the wastewater treatment plants productivity change: Comparison of the Luenberger and Luenberger-Hicks-Moorsteen Productivity Indicators. <i>Journal of Cleaner Production</i> , 2019, 229, 75-83.	9.3	13
61	Estimating Profit, Price, and Productivity Changes in Water Industry Using Bennet-Bowley Indicator. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2019, 145, 04019011.	2.6	7
62	Estimation and evaluation of productivity change and its drivers in the English and Welsh water sector: a stochastic cost frontier approach. <i>Urban Water Journal</i> , 2019, 16, 625-633.	2.1	1
63	Evaluation of the economics of desalination by integrating greenhouse gas emission costs: An empirical application for Chile. <i>Renewable Energy</i> , 2019, 133, 1327-1337.	8.9	28
64	Comparing changes in productivity among private water companies integrating quality of service: A metafrontier approach. <i>Journal of Cleaner Production</i> , 2019, 216, 597-606.	9.3	45
65	Productivity change and its drivers for the Chilean water companies: A comparison of full private and concessionary companies. <i>Journal of Cleaner Production</i> , 2018, 183, 908-916.	9.3	40
66	Flexible versus common technology to estimate economies of scale and scope in the water and sewerage industry: an application to England and Wales. <i>Environmental Science and Pollution Research</i> , 2018, 25, 14158-14170.	5.3	16
67	Italian regulatory reform and water utility performance: An impact analysis. <i>Utilities Policy</i> , 2018, 52, 95-102.	4.0	16
68	Benchmarking energy efficiency in drinking water treatment plants: Quantification of potential savings. <i>Journal of Cleaner Production</i> , 2018, 176, 417-425.	9.3	34
69	Selecting appropriate wastewater treatment technologies using a choosing-by-advantages approach. <i>Science of the Total Environment</i> , 2018, 625, 819-827.	8.0	70
70	Benchmarking the efficiency of the Chilean water and sewerage companies: a double-bootstrap approach. <i>Environmental Science and Pollution Research</i> , 2018, 25, 8432-8440.	5.3	40
71	Optimal fresh water blending: A methodological approach to improve the resilience of water supply systems. <i>Science of the Total Environment</i> , 2018, 624, 1308-1315.	8.0	14
72	Adequacy of DEA as a regulatory tool in the water sector. The impact of data uncertainty.. <i>Environmental Science and Policy</i> , 2018, 85, 155-162.	4.9	19

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73	Energy intensity modeling for wastewater treatment technologies. <i>Science of the Total Environment</i> , 2018, 630, 1565-1572.	8.0	39
74	Reducing CO2 emissions from drinking water treatment plants: A shadow price approach. <i>Applied Energy</i> , 2018, 210, 623-631.	10.1	42
75	Profit change and its drivers in the English and Welsh water industry: is output quality important?. <i>Water Policy</i> , 2018, 20, 995-1012.	1.5	7
76	Assessing changes in eco-productivity of wastewater treatment plants: The role of costs, pollutant removal efficiency, and greenhouse gas emissions. <i>Environmental Impact Assessment Review</i> , 2018, 69, 24-31.	9.2	46
77	Assessing the influence of exogenous and quality of service variables on water companies' performance using a true-fixed stochastic frontier approach. <i>Urban Water Journal</i> , 2018, 15, 682-691.	2.1	36
78	Assessing productivity changes in water companies: a comparison of the Luenberger and Luenberger-Hicks-Moorsteen productivity indicators. <i>Urban Water Journal</i> , 2018, 15, 626-635.	2.1	21
79	Dynamic goal programming synthetic indicator: an application for water companies sustainability assessment. <i>Urban Water Journal</i> , 2018, 15, 592-600.	2.1	9
80	Urban Water Management. <i>Global Issues in Water Policy</i> , 2018, , 131-150.	0.1	8
81	The Economics of Wastewater Treatment Decentralization: A Techno-economic Evaluation. <i>Environmental Science & Technology</i> , 2018, 52, 8965-8976.	10.0	58
82	Comparative energy efficiency of wastewater treatment technologies: a synthetic index approach. <i>Clean Technologies and Environmental Policy</i> , 2018, 20, 1819-1834.	4.1	6
83	Measuring the eco-efficiency of wastewater treatment plants under data uncertainty. <i>Journal of Environmental Management</i> , 2018, 226, 484-492.	7.8	43
84	Evaluation of energy performance of drinking water treatment plants: Use of energy intensity and energy efficiency metrics. <i>Applied Energy</i> , 2018, 229, 1095-1102.	10.1	32
85	Evaluation of the influence of economic groups on the efficiency and quality of service of water companies: an empirical approach for Chile. <i>Environmental Science and Pollution Research</i> , 2018, 25, 23251-23260.	5.3	12
86	Assessment of the Total Factor Productivity Change in the English and Welsh Water Industry: a FAre-Primont Productivity Index Approach. <i>Water Resources Management</i> , 2017, 31, 2389-2405.	3.9	32
87	Assessing the productivity change of water companies in England and Wales: A dynamic metafrontier approach. <i>Journal of Environmental Management</i> , 2017, 197, 1-9.	7.8	24
88	How much should customers be compensated for interruptions in the drinking water supply?. <i>Science of the Total Environment</i> , 2017, 586, 642-649.	8.0	13
89	The welfare costs of non-marginal water pricing: evidence from the water only companies in England and Wales. <i>Urban Water Journal</i> , 2017, 14, 947-953.	2.1	12
90	Energy intensity of treating drinking water: Understanding the influence of factors. <i>Applied Energy</i> , 2017, 202, 275-281.	10.1	38

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91	Water utility efficiency assessment in Italy by accounting for service quality: An empirical investigation. <i>Utilities Policy</i> , 2017, 45, 97-108.	4.0	53
92	Assessing the quality of service to customers provided by water utilities: A synthetic index approach. <i>Ecological Indicators</i> , 2017, 78, 214-220.	6.3	15
93	Decomposition of Productivity Growth of Water and Sewerage Companies: An Empirical Approach for Chile. <i>Water Resources Management</i> , 2017, 31, 4309-4321.	3.9	7
94	Estimating Economies of Scale and Scope in the English and Welsh Water Industry Using Flexible Technology. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2017, 143, 04017060.	2.6	15
95	Assessing the efficiency of wastewater treatment plants: A double-bootstrap approach. <i>Journal of Cleaner Production</i> , 2017, 164, 315-324.	9.3	48
96	Impact of regulation on English and Welsh water-only companies: an input-distance function approach. <i>Environmental Science and Pollution Research</i> , 2017, 24, 16994-17005.	5.3	43
97	Assessing the Impact of Quality of Service on the Productivity of Water Industry: a Malmquist-Luenberger Approach for England and Wales. <i>Water Resources Management</i> , 2017, 31, 2407-2427.	3.9	48
98	Accounting for service quality to customers in the efficiency of water companies: evidence from England and Wales. <i>Water Policy</i> , 2016, 18, 513-532.	1.5	22
99	Are participants in markets for water rights more efficient in the use of water than non-participants? A case study for Limar�-Valley (Chile). <i>Environmental Science and Pollution Research</i> , 2016, 23, 10665-10678.	5.3	15
100	Efficiency assessment of wastewater treatment plants: A data envelopment analysis approach integrating technical, economic, and environmental issues. <i>Journal of Environmental Management</i> , 2016, 167, 160-166.	7.8	96
101	Optimal management of substrates in anaerobic co-digestion: An ant colony algorithm approach. <i>Waste Management</i> , 2016, 50, 49-54.	7.4	20
102	Price-cap regulation in the English and Welsh water industry: A proposal for measuring productivity performance. <i>Utilities Policy</i> , 2016, 41, 22-30.	4.0	26
103	Assessing the efficiency of Chilean water and sewerage companies accounting for uncertainty. <i>Environmental Science and Policy</i> , 2016, 61, 116-123.	4.9	27
104	Productivity change of the Spanish Port System: impact of the economic crisis. <i>Maritime Policy and Management</i> , 2016, 43, 683-705.	3.8	9
105	Performance of fully private and concessionary water and sewerage companies: a metafrontier approach. <i>Environmental Science and Pollution Research</i> , 2016, 23, 11620-11629.	5.3	20
106	Eco-efficiency assessment of wastewater treatment plants using a weighted Russell directional distance model. <i>Journal of Cleaner Production</i> , 2016, 137, 1066-1075.	9.3	51
107	Efficiency Assessment of Water and Sewerage Companies: a Disaggregated Approach Accounting for Service Quality. <i>Water Resources Management</i> , 2016, 30, 4311-4328.	3.9	20
108	Application of a multi-criteria decision model to select of design choices for WWTPs. <i>Clean Technologies and Environmental Policy</i> , 2016, 18, 1097-1109.	4.1	31

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109	Water scarcity and affordability in urban water pricing: A case study of Chile. <i>Utilities Policy</i> , 2016, 43, 107-116.	4.0	55
110	Estimating the environmental and resource costs of leakage in water distribution systems: A shadow price approach. <i>Science of the Total Environment</i> , 2016, 568, 180-188.	8.0	44
111	Cross-national comparison of efficiency for water utilities: a metafrontier approach. <i>Clean Technologies and Environmental Policy</i> , 2016, 18, 1611-1619.	4.1	14
112	Cost-effectiveness analysis of sewer mining versus centralized wastewater treatment: Case study of the Arga river basin, Spain. <i>Urban Water Journal</i> , 2016, 13, 321-330.	2.1	6
113	Development and application of the Hicks-Moorsteen productivity index for the total factor productivity assessment of wastewater treatment plants. <i>Journal of Cleaner Production</i> , 2016, 112, 3116-3123.	9.3	44
114	Estimating the cost of improving service quality in water supply: A shadow price approach for England and Wales. <i>Science of the Total Environment</i> , 2016, 539, 470-477.	8.0	24
115	Assessing the sustainability of water companies: A synthetic indicator approach. <i>Ecological Indicators</i> , 2016, 61, 577-587.	6.3	51
116	A review of Payment for Ecosystem Services for the economic internalization of environmental externalities: A water perspective. <i>Geoforum</i> , 2016, 70, 115-118.	2.5	44
117	Assessment of the Total Factor Productivity Change in the Spanish Ports: Hicks-Moorsteen Productivity Index Approach. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2016, 142, .	1.2	4
118	Productivity growth of wastewater treatment plants " accounting for environmental impacts: a Malmquist-Luenberger index approach. <i>Urban Water Journal</i> , 2016, 13, 476-485.	2.1	14
119	The role of environmental variables on the efficiency of water and sewerage companies: a case study of Chile. <i>Environmental Science and Pollution Research</i> , 2015, 22, 10242-10253.	5.3	53
120	Comparing the dynamic performance of wastewater treatment systems: A metafrontier Malmquist productivity index approach. <i>Journal of Environmental Management</i> , 2015, 161, 309-316.	7.8	32
121	Assessment of wastewater treatment alternatives for small communities: An analytic network process approach. <i>Science of the Total Environment</i> , 2015, 532, 676-687.	8.0	101
122	Measuring the CO ₂ shadow price for wastewater treatment: A directional distance function approach. <i>Applied Energy</i> , 2015, 144, 241-249.	10.1	90
123	Profit, productivity and price performance changes in the water and sewerage industry: an empirical application for England and Wales. <i>Clean Technologies and Environmental Policy</i> , 2015, 17, 1005-1018.	4.1	41
124	The impact of privatization approaches on the productivity growth of the water industry: A case study of Chile. <i>Environmental Science and Policy</i> , 2015, 50, 166-179.	4.9	60
125	Assessing the relative efficiency of water companies in the English and Welsh water industry: a metafrontier approach. <i>Environmental Science and Pollution Research</i> , 2015, 22, 16987-16996.	5.3	29
126	Selecting sewage sludge treatment alternatives in modern wastewater treatment plants using environmental decision support systems. <i>Journal of Cleaner Production</i> , 2015, 107, 410-419.	9.3	96

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127	Pricing for Reclaimed Water in Valencia, Spain: Externalities and Cost Recovery. <i>Global Issues in Water Policy</i> , 2015, , 431-442.	0.1	4
128	Wastewater management and reuse. , 2015, , .		2
129	Current state of water management in Japan. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2014, 63, 611-624.	1.4	4
130	Water rate to manage residential water demand with seasonality: peak-load pricing and increasing block rates approach. <i>Water Policy</i> , 2014, 16, 930-944.	1.5	11
131	Benchmarking in wastewater treatment plants: a tool to save operational costs. <i>Clean Technologies and Environmental Policy</i> , 2014, 16, 149-161.	4.1	77
132	Including the environmental criteria when selecting a wastewater treatment plant. <i>Environmental Modelling and Software</i> , 2014, 56, 74-82.	4.5	57
133	The Luenberger productivity indicator in the water industry: An empirical analysis for England and Wales. <i>Utilities Policy</i> , 2014, 30, 18-28.	4.0	63
134	Economic and environmental performance of wastewater treatment plants: Potential reductions in greenhouse gases emissions. <i>Resources and Energy Economics</i> , 2014, 38, 125-140.	2.5	90
135	Economic Feasibility Study for Improving Drinking Water Quality: A Case Study of Arsenic Contamination in Rural Argentina. <i>EcoHealth</i> , 2014, 11, 476-490.	2.0	5
136	Assessing the sustainability of small wastewater treatment systems: A composite indicator approach. <i>Science of the Total Environment</i> , 2014, 497-498, 607-617.	8.0	139
137	A management and optimisation model for water supply planning in water deficit areas. <i>Journal of Hydrology</i> , 2014, 515, 139-146.	5.4	37
138	Economic effects of the consolidation of water utilities in Japan. <i>Water Science and Technology: Water Supply</i> , 2014, 14, 909-916.	2.1	2
139	Tariffs and Cost Recovery in Water Reuse. <i>Water Resources Management</i> , 2013, 27, 1797-1808.	3.9	41
140	Economic valuation of environmental benefits of removing pharmaceutical and personal care products from WWTP effluents by ozonation. <i>Science of the Total Environment</i> , 2013, 461-462, 409-415.	8.0	29
141	Economic feasibility study for intensive and extensive wastewater treatment considering greenhouse gases emissions. <i>Journal of Environmental Management</i> , 2013, 123, 98-104.	7.8	22
142	Life Cycle Costing: a tool to manage the urban water cycle. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2013, 62, 468-476.	1.4	11
143	Cost modeling for sludge and waste management from wastewater treatment plants: an empirical approach for Spain. <i>Desalination and Water Treatment</i> , 2013, 51, 5414-5420.	1.0	24
144	Tariffs and efficient performance by water suppliers: an empirical approach. <i>Water Policy</i> , 2012, 14, 854-864.	1.5	33

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145	Economic feasibility study for new technological alternatives in wastewater treatment processes: a review. <i>Water Science and Technology</i> , 2012, 65, 898-906.	2.5	23
146	Assessing the efficiency of wastewater treatment plants in an uncertain context: a DEA with tolerances approach. <i>Environmental Science and Policy</i> , 2012, 18, 34-44.	4.9	80
147	How does seasonality affect water reuse possibilities? An efficiency and cost analysis. <i>Resources, Conservation and Recycling</i> , 2012, 58, 125-131.	10.8	30
148	Assessment of wastewater treatment plant design for small communities: Environmental and economic aspects. <i>Science of the Total Environment</i> , 2012, 427-428, 11-18.	8.0	82
149	Techno-economical efficiency and productivity change of wastewater treatment plants: the role of internal and external factors. <i>Journal of Environmental Monitoring</i> , 2011, 13, 3448.	2.1	25
150	Assessing disproportionate costs to achieve good ecological status of water bodies in a Mediterranean river basin. <i>Journal of Environmental Monitoring</i> , 2011, 13, 2091.	2.1	18
151	Feasibility Studies for Water Reuse Projects: Economic Valuation of Environmental Benefits. <i>NATO Science for Peace and Security Series C: Environmental Security</i> , 2011, , 181-190.	0.2	0
152	Environmental and economic profile of six typologies of wastewater treatment plants. <i>Water Research</i> , 2011, 45, 5997-6010.	11.3	255
153	Cost-benefit analysis of water-reuse projects for environmental purposes: A case study for Spanish wastewater treatment plants. <i>Journal of Environmental Management</i> , 2011, 92, 3091-3097.	7.8	129
154	Energy efficiency in Spanish wastewater treatment plants: A non-radial DEA approach. <i>Science of the Total Environment</i> , 2011, 409, 2693-2699.	8.0	257
155	Economic Feasibility Study for Phosphorus Recovery Processes. <i>Ambio</i> , 2011, 40, 408-416.	5.5	117
156	Cost modelling for wastewater treatment processes. <i>Desalination</i> , 2011, 268, 1-5.	8.2	121
157	The Influence of Seasonality on the Economic Efficiency of Wastewater Treatment Plants. <i>NATO Science for Peace and Security Series C: Environmental Security</i> , 2011, , 65-74.	0.2	3
158	Economic valuation of environmental benefits from wastewater treatment processes: An empirical approach for Spain. <i>Science of the Total Environment</i> , 2010, 408, 953-957.	8.0	127
159	Economic feasibility study for wastewater treatment: A cost-benefit analysis. <i>Science of the Total Environment</i> , 2010, 408, 4396-4402.	8.0	242
160	Understanding performance change of the water industry: how do size and patterns of output mix associate with efficiency?. <i>Urban Water Journal</i> , 0, , 1-11.	2.1	1
161	Measuring the eco-efficiency of the provision of drinking water by two-stage network data envelopment analysis. <i>Environment, Development and Sustainability</i> , 0, , 1.	5.0	4
162	Decomposition of Cost Efficiency Into Persistent and Transient Efficiency in the Provision of Water Services: Evidence from England and Wales. <i>Water Resources Management</i> , 0, , 1.	3.9	0

#	ARTICLE	IF	CITATIONS
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