

# Martin F Lambert

## List of Publications by Year in descending order

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150  
papers

5,080  
citations

94433

37  
h-index

106344

65  
g-index

150  
all docs

150  
docs citations

150  
times ranked

3329  
citing authors

#	ARTICLE	IF	CITATIONS
1	A compound event framework for understanding extreme impacts. Wiley Interdisciplinary Reviews: Climate Change, 2014, 5, 113-128.	8.1	442
2	Leak Detection in Pipelines using the Damping of Fluid Transients. Journal of Hydraulic Engineering, 2002, 128, 697-711.	1.5	246
3	Leak Detection and Calibration Using Transients and Genetic Algorithms. Journal of Water Resources Planning and Management - ASCE, 2000, 126, 262-265.	2.6	240
4	Drought Analysis Using Trivariate Copulas Conditional on Climatic States. Journal of Hydrologic Engineering - ASCE, 2010, 15, 129-141.	1.9	158
5	Experimental verification of the frequency response method for pipeline leak detection. Journal of Hydraulic Research/De Recherches Hydrauliques, 2006, 44, 693-707.	1.7	145
6	Frequency Domain Analysis for Detecting Pipeline Leaks. Journal of Hydraulic Engineering, 2005, 131, 596-604.	1.5	144
7	Leak location using the pattern of the frequency response diagram in pipelines: a numerical study. Journal of Sound and Vibration, 2005, 284, 1051-1073.	3.9	137
8	A strategy for diagnosing and interpreting hydrological model nonstationarity. Water Resources Research, 2014, 50, 5090-5113.	4.2	134
9	Systematic Evaluation of One-Dimensional Unsteady Friction Models in Simple Pipelines. Journal of Hydraulic Engineering, 2006, 132, 696-708.	1.5	119
10	Experimental Observation and Analysis of Inverse Transients for Pipeline Leak Detection. Journal of Water Resources Planning and Management - ASCE, 2007, 133, 519-530.	2.6	113
11	Pipeline Break Detection Using Pressure Transient Monitoring. Journal of Water Resources Planning and Management - ASCE, 2005, 131, 316-325.	2.6	104
12	Parameters affecting water-hammer wave attenuation, shape and timing—Part 1: Mathematical tools. Journal of Hydraulic Research/De Recherches Hydrauliques, 2008, 46, 373-381.	1.7	99
13	Detection and Location of a Partial Blockage in a Pipeline Using Damping of Fluid Transients. Journal of Water Resources Planning and Management - ASCE, 2005, 131, 244-249.	2.6	94
14	Discrete Blockage Detection in Pipelines Using the Frequency Response Diagram: Numerical Study. Journal of Hydraulic Engineering, 2008, 134, 658-663.	1.5	94
15	Bayesian training of artificial neural networks used for water resources modeling. Water Resources Research, 2005, 41, .	4.2	89
16	A point rainfall model for risk-based design. Journal of Hydrology, 2001, 247, 54-71.	5.4	67
17	Optimal Measurement Site Locations for Inverse Transient Analysis in Pipe Networks. Journal of Water Resources Planning and Management - ASCE, 2003, 129, 480-492.	2.6	66
18	Calibration and validation of neural networks to ensure physically plausible hydrological modeling. Journal of Hydrology, 2005, 314, 158-176.	5.4	65

#	ARTICLE	IF	CITATIONS
19	Parameters affecting water-hammer wave attenuation, shape and timingâ€”Part 2: Case studies. Journal of Hydraulic Research/De Recherches Hydrauliques, 2008, 46, 382-391.	1.7	64
20	Determining the Internal Wall Condition of a Water Pipeline in the Field Using an Inverse Transient. Journal of Hydraulic Engineering, 2013, 139, 310-324.	1.5	64
21	Single-Event Leak Detection in Pipeline Using First Three Resonant Responses. Journal of Hydraulic Engineering, 2013, 139, 645-655.	1.5	60
22	Discharge prediction in straight compound channels using the mixing length concept. Journal of Hydraulic Research/De Recherches Hydrauliques, 1996, 34, 381-394.	1.7	59
23	Least squares deconvolution for leak detection with a pseudo random binary sequence excitation. Mechanical Systems and Signal Processing, 2018, 99, 846-858.	8.0	59
24	Leak Detection and Topology Identification in Pipelines Using Fluid Transients and Artificial Neural Networks. Journal of Water Resources Planning and Management - ASCE, 2020, 146, .	2.6	59
25	Detection of Distributed Deterioration in Single Pipes Using Transient Reflections. Journal of Pipeline Systems Engineering and Practice, 2013, 4, 32-40.	1.6	56
26	Leak location in pipelines using the impulse response function. Journal of Hydraulic Research/De Recherches Hydrauliques, 2007, 45, 643-652.	1.7	54
27	Detection of Localized Deterioration Distributed along Single Pipelines by Reconstructive MOC Analysis. Journal of Hydraulic Engineering, 2014, 140, 190-198.	1.5	54
28	Numerical Error in Weighting Function-Based Unsteady Friction Models for Pipe Transients. Journal of Hydraulic Engineering, 2006, 132, 709-721.	1.5	47
29	Parameter identification of fluid line networks by frequency-domain maximum likelihood estimation. Mechanical Systems and Signal Processing, 2013, 37, 370-387.	8.0	47
30	Detecting Thinner-Walled Pipe Sections Using a Spark Transient Pressure Wave Generator. Journal of Hydraulic Engineering, 2018, 144, .	1.5	45
31	In-pipe fibre optic pressure sensor array for hydraulic transient measurement with application to leak detection. Measurement: Journal of the International Measurement Confederation, 2018, 126, 309-317.	5.0	44
32	Failure monitoring in water distribution networks. Water Science and Technology, 2006, 53, 503-511.	2.5	43
33	Performance assessment and improvement of recursive digital baseflow filters for catchments with different physical characteristics and hydrological inputs. Environmental Modelling and Software, 2014, 54, 39-52.	4.5	42
34	Reynolds Stress and Bed Shear in Nonuniform Unsteady Open-Channel Flow. Journal of Hydraulic Engineering, 2005, 131, 610-614.	1.5	41
35	Frequency Response Diagram for Pipeline Leak Detection: Comparing the Odd and Even Harmonics. Journal of Water Resources Planning and Management - ASCE, 2014, 140, 65-74.	2.6	41
36	Evaluating regional climate models for simulating sub-daily rainfall extremes. Climate Dynamics, 2016, 47, 1613-1628.	3.8	41

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37	Leak-Before-Break Main Failure Prevention for Water Distribution Pipes Using Acoustic Smart Water Technologies: Case Study in Adelaide. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2020, 146, .	2.6	40
38	Naturally Derived Iron Oxide Nanowires from Bacteria for Magnetically Triggered Drug Release and Cancer Hyperthermia in 2D and 3D Culture Environments: Bacteria Biofilm to Potent Cancer Therapeutic. <i>Biomacromolecules</i> , 2016, 17, 2726-2736.	5.4	38
39	Experimental verification of pipeline frequency response extraction and leak detection using the inverse repeat signal. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2016, 54, 210-219.	1.7	36
40	Multifunctional microspherical magnetic and pH responsive carriers for combination anticancer therapy engineered by droplet-based microfluidics. <i>Journal of Materials Chemistry B</i> , 2017, 5, 4097-4109.	5.8	36
41	Determination of the Creep Function of Viscoelastic Pipelines Using System Resonant Frequencies with Hydraulic Transient Analysis. <i>Journal of Hydraulic Engineering</i> , 2016, 142, .	1.5	35
42	On-site non-invasive condition assessment for cement mortarâ€lined metallic pipelines by time-domain fluid transient analysis. <i>Structural Health Monitoring</i> , 2015, 14, 426-438.	7.5	34
43	The simulation of an Australian reservoir using a phytoplankton community model: protech. <i>Ecological Modelling</i> , 2002, 150, 107-116.	2.5	33
44	Frequency analysis of rainfall and streamflow extremes accounting for seasonal and climatic partitions. <i>Journal of Hydrology</i> , 2008, 348, 135-147.	5.4	33
45	Calibrating the Water-Hammer Response of a Field Pipe Network by Using a Mechanical Damping Model. <i>Journal of Hydraulic Engineering</i> , 2011, 137, 1225-1237.	1.5	33
46	Joint probability and design storms at the crossroads. <i>Australian Journal of Water Resources</i> , 2006, 10, 63-79.	2.7	32
47	A spaceâ€time Neymanâ€Scott rainfall model with defined storm extent. <i>Water Resources Research</i> , 2008, 44, .	4.2	32
48	Bayesian model selection applied to artificial neural networks used for water resources modeling. <i>Water Resources Research</i> , 2008, 44, .	4.2	32
49	Head- and Flow-Based Formulations for Frequency Domain Analysis of Fluid Transients in Arbitrary Pipe Networks. <i>Journal of Hydraulic Engineering</i> , 2011, 137, 556-568.	1.5	32
50	An efficient causative event-based approach for deriving the annual flood frequency distribution. <i>Journal of Hydrology</i> , 2014, 510, 412-423.	5.4	32
51	Iron Oxide Nanowires from Bacteria Biofilm as an Efficient Visible-Light Magnetic Photocatalyst. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 20110-20119.	8.0	31
52	Skalak's extended theory of water hammer. <i>Journal of Sound and Vibration</i> , 2008, 310, 718-728.	3.9	30
53	Framework for assessing and improving the performance of recursive digital filters for baseflow estimation with application to the Lyne and Hollick filter. <i>Environmental Modelling and Software</i> , 2013, 41, 163-175.	4.5	29
54	Transient Modeling of Arbitrary Pipe Networks by a Laplace-Domain Admittance Matrix. <i>Journal of Engineering Mechanics - ASCE</i> , 2009, 135, 538-547.	2.9	28

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55	Optimization of Pump Operation Using Rule-Based Controls in EPANET2: New ETTAR Toolkit and Correction of Energy Computation. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2016, 142, .	2.6	28
56	Field study on non-invasive and non-destructive condition assessment for asbestos cement pipelines by time-domain fluid transient analysis. <i>Structural Health Monitoring</i> , 2016, 15, 113-124.	7.5	27
57	Pressure Surge Suppression Using a Metallic-Plastic-Metallic Pipe Configuration. <i>Journal of Hydraulic Engineering</i> , 2018, 144, .	1.5	27
58	Extreme wall shear stress events in turbulent pipe flows: spatial characteristics of coherent motions. <i>Journal of Fluid Mechanics</i> , 2020, 904, .	3.4	27
59	Modelling persistence in annual Australia point rainfall. <i>Hydrology and Earth System Sciences</i> , 2003, 7, 197-211.	4.9	26
60	A probabilistic method for assisting knowledge extraction from artificial neural networks used for hydrological prediction. <i>Mathematical and Computer Modelling</i> , 2006, 44, 499-512.	2.0	26
61	A non-parametric hidden Markov model for climate state identification. <i>Hydrology and Earth System Sciences</i> , 2003, 7, 652-667.	4.9	25
62	Faster Inverse Transient Analysis with a Head-Based Method of Characteristics and a Flexible Computational Grid for Pipeline Condition Assessment. <i>Journal of Hydraulic Engineering</i> , 2018, 144, .	1.5	24
63	A comprehensive and systematic evaluation framework for a parsimonious daily rainfall field model. <i>Journal of Hydrology</i> , 2018, 556, 1123-1138.	5.4	24
64	Valve Design for Extracting Response Functions from Hydraulic Systems Using Pseudorandom Binary Signals. <i>Journal of Hydraulic Engineering</i> , 2008, 134, 858-864.	1.5	23
65	Bacterial iron-oxide nanowires from biofilm waste as a new adsorbent for the removal of arsenic from water. <i>RSC Advances</i> , 2017, 7, 3941-3948.	3.6	23
66	Detection of Emerging through-Wall Cracks for Pipe Break Early Warning in Water Distribution Systems Using Permanent Acoustic Monitoring and Acoustic Wave Analysis. <i>Water Resources Management</i> , 2020, 34, 2419-2432.	3.9	23
67	Paired-IRF Method for Detecting Leaks in Pipe Networks. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2020, 146, .	2.6	23
68	Frequency-Domain Modeling of Transients in Pipe Networks with Compound Nodes Using a Laplace-Domain Admittance Matrix. <i>Journal of Hydraulic Engineering</i> , 2010, 136, 739-755.	1.5	22
69	Genetic Algorithm Optimization of Operational Costs and Greenhouse Gas Emissions for Water Distribution Systems. <i>Procedia Engineering</i> , 2014, 89, 509-516.	1.2	22
70	Comparison of Pumping Regimes for Water Distribution Systems to Minimize Cost and Greenhouse Gases. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2016, 142, .	2.6	21
71	Multi-stage parameter-constraining inverse transient analysis for pipeline condition assessment. <i>Journal of Hydroinformatics</i> , 2018, 20, 281-300.	2.4	19
72	Using Smart Sensor Strings for Continuous Monitoring of Temperature Stratification in Large Water Bodies. <i>IEEE Sensors Journal</i> , 2006, 6, 1473-1481.	4.7	18

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73	Parameter Identification in Pipeline Networks: Transient-Based Expectation-Maximization Approach for Systems Containing Unknown Boundary Conditions. <i>Journal of Hydraulic Engineering</i> , 2014, 140, .	1.5	17
74	Study on the Frequency Response Function of Viscoelastic Pipelines Using a Multi-Element Kelvin-Voigt Model. <i>Procedia Engineering</i> , 2015, 119, 226-234.	1.2	17
75	Merging Fluid Transient Waves and Artificial Neural Networks for Burst Detection and Identification in Pipelines. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2021, 147, .	2.6	17
76	Field Tests for Leakage, Air Pocket, and Discrete Blockage Detection Using Inverse Transient Analysis in Water Distribution Pipes. , 2004, , 1.		16
77	Assessment of the internal dynamics of the Australian Water Balance Model under different calibration regimes. <i>Environmental Modelling and Software</i> , 2015, 66, 57-68.	4.5	16
78	Leak Detection and Calibration of Water Distribution Systems Using Transients and Genetic Algorithms. , 1999, , 1.		15
79	Pump Operation Optimization Using Rule-based Controls. <i>Procedia Engineering</i> , 2017, 186, 210-217.	1.2	15
80	Hydraulic transient wave separation algorithm using a dual-sensor with applications to pipeline condition assessment. <i>Journal of Hydroinformatics</i> , 2017, 19, 752-765.	2.4	15
81	Condition Assessment of Water Pipelines Using a Modified Layer-Peeling Method. <i>Journal of Hydraulic Engineering</i> , 2018, 144, 04018076.	1.5	15
82	Benchmark Tests of Evolutionary Algorithms: Mathematic Evaluation and Application to Water Distribution Systems. <i>Journal of Environmental Informatics</i> , 2006, 7, 24-35.	6.0	15
83	Numerical models for management of <i>Anabaena circinalis</i> . <i>Journal of Applied Phycology</i> , 2004, 16, 457-468.	2.8	14
84	Generating synthetic high resolution rainfall time series at sites with only daily rainfall using a masterâ€ target scaling approach. <i>Journal of Hydrology</i> , 2010, 393, 163-173.	5.4	14
85	Noncrossover Dither Creeping Mutation-Based Genetic Algorithm for Pipe Network Optimization. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2014, 140, 553-557.	2.6	14
86	Evaluation of a Warm-Thermistor Flow Sensor for Use in Automatic Seepage Meters. <i>IEEE Sensors Journal</i> , 2009, 9, 1058-1067.	4.7	13
87	An Automatic Soil Pore-Water Salinity Sensor Based on a Wetting-Front Detector. <i>IEEE Sensors Journal</i> , 2011, 11, 245-254.	4.7	13
88	Transient dynamics of accelerating turbulent pipe flow. <i>Journal of Fluid Mechanics</i> , 2021, 917, .	3.4	13
89	A convolutional neural network for pipe crack and leak detection in smart water network. <i>Structural Health Monitoring</i> , 2023, 22, 232-244.	7.5	13
90	Overcoming the joint probability problem associated with initial loss estimation in design flood estimation. <i>Australian Journal of Water Resources</i> , 2003, 7, 101-109.	2.7	12

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91	A Log-Antilog Analog Control Circuit for Constant-Power Warm-Thermistor Sensorsâ€™ Application to Plant Water Status Measurement. IEEE Sensors Journal, 2009, 9, 1049-1057.	4.7	12
92	Wave separation and pipeline condition assessment using in-pipe fibre optic pressure sensors. Journal of Hydroinformatics, 2019, 21, 371-379.	2.4	12
93	Leak Detection for Pipelines Using In-Pipe Optical Fiber Pressure Sensors and a Paired-IRF Technique. Journal of Hydraulic Engineering, 2020, 146, 06020013.	1.5	12
94	Pipe crack early warning for burst prevention by permanent acoustic noise level monitoring in smart water networks. Urban Water Journal, 2020, 17, 827-837.	2.1	12
95	Seasonal generalized exponential probability models with application to interstorm and storm durations. Water Resources Research, 1998, 34, 143-148.	4.2	11
96	Modelling the effects of artificial mixing and copper sulphate dosing on phytoplankton in an Australian reservoir. Lakes and Reservoirs: Research and Management, 2003, 8, 31-40.	0.9	11
97	Pipe Burst Detection, Localization, and Quantification Using the Transient Pressure Damping Method. Journal of Hydraulic Engineering, 2020, 146, 04020077.	1.5	11
98	Stochastic Resonance Enhancement for Leak Detection in Pipelines Using Fluid Transients and Convolutional Neural Networks. Journal of Water Resources Planning and Management - ASCE, 2022, 148, .	2.6	11
99	Stageâ€™discharge prediction in straight compound channels using 3D numerical models. Water Management, 2013, 166, 3-15.	1.2	10
100	Incorporating seasonality into event-based joint probability methods for predicting flood frequency: A hybrid causative event approach. Journal of Hydrology, 2016, 533, 40-52.	5.4	10
101	Bayesian Inverse Transient Analysis for Pipeline Condition Assessment: Parameter Estimation and Uncertainty Quantification. Water Resources Management, 2020, 34, 2807-2820.	3.9	10
102	Inverse Wave Reflectometry Method for Hydraulic Transient-Based Pipeline Condition Assessment. Journal of Hydraulic Engineering, 2020, 146, .	1.5	9
103	Two-dimensional equilibrium morphological modelling of a tidal inlet: an entropy based approach. Ocean Dynamics, 2005, 55, 549-558.	2.2	8
104	Discharge prediction in compound channels by end depth method. Journal of Hydraulic Research/De Recherches Hydrauliques, 2006, 44, 767-776.	1.7	8
105	A Null-Buoyancy Thermal Flow Meter With Potential Application to the Measurement of the Hydraulic Conductivity of Soils. IEEE Sensors Journal, 2011, 11, 71-77.	4.7	8
106	Impedance Estimation along Pipelines by Generalized Reconstructive Method of Characteristics for Pipeline Condition Assessment. Journal of Hydraulic Engineering, 2019, 145, .	1.5	8
107	Sensor Placement Strategy for Pipeline Condition Assessment Using Inverse Transient Analysis. Water Resources Management, 2019, 33, 2761-2774.	3.9	8
108	Extremely Sensitive Anomaly Detection in Pipe Networks Using a Higher-Order Paired-Impulse Response Function with a Correlator. Journal of Water Resources Planning and Management - ASCE, 2021, 147, .	2.6	8

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109	Precursors of backflow events and their relationship with the near-wall self-sustaining process. <i>Journal of Fluid Mechanics</i> , 2022, 933, .	3.4	8
110	Implementing a space-time rainfall model for the Sydney region. <i>Water Science and Technology</i> , 2007, 55, 39-47.	2.5	7
111	Inverse Laplace Transform for Transient-State Fluid Line Network Simulation. <i>Journal of Engineering Mechanics - ASCE</i> , 2012, 138, 101-115.	2.9	7
112	Field Measurements of Unsteady Friction Effects in a Trunk Transmission Pipeline. , 2005, , 1.		6
113	Determination of the linear frequency response of single pipelines using persistent transient excitation: a numerical investigation. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2013, 51, 728-734.	1.7	6
114	Condition Assessment in Hydraulically Noisy Pipeline Systems Using a Pressure Wave Splitting Method. <i>Procedia Engineering</i> , 2014, 89, 1336-1342.	1.2	6
115	Estimating Extreme Spatial Rainfall Intensities. <i>Journal of Hydrologic Engineering - ASCE</i> , 2016, 21, 04015074.	1.9	6
116	Condition assessment of pipelines using a Bi-directional layer-peeling method and a dual-sensor configuration. <i>Journal of Sound and Vibration</i> , 2019, 457, 181-196.	3.9	6
117	Approach for Near-Real-Time Pipe Burst Detection, Localization, and Quantification with Low Data Transmission and Sampling Rates. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2021, 147, .	2.6	6
118	Assessing water mains condition using hydraulic transients. <i>Water Management</i> , 2007, 160, 89-94.	1.2	5
119	The hydrothermal processing of iron oxides from bacterial biofilm waste as new nanomaterials for broad applications. <i>RSC Advances</i> , 2018, 8, 34848-34852.	3.6	5
120	Experimental Study of Dynamic Effects of Iron Bacteria-Formed Biofilms on Pipeline Head Loss and Roughness. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2019, 145, .	2.6	5
121	Efficient approach toward the application of the Godunov method to hydraulic transients. <i>Journal of Hydroinformatics</i> , 2020, 22, 1370-1390.	2.4	5
122	Rate of Change Processing of Acoustic Data from a Permanent Monitoring System for Pipe Crack Early Identification: A Case Study. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2022, 148, .	2.6	5
123	Physics-informed neural networks for hydraulic transient analysis in pipeline systems. <i>Water Research</i> , 2022, 221, 118828.	11.3	5
124	Energy and momentum in one dimensional open channel flow. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2000, 38, 233-239.	1.7	4
125	Field Measurements of Mean Velocity Characteristics of a Large-Diameter Swirling Jet. <i>Journal of Hydraulic Engineering</i> , 2010, 136, 642-650.	1.5	4
126	A virtual hydrological framework for evaluation of stochastic rainfall models. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 4783-4801.	4.9	4



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127	Acoustic Signal Classification by Support Vector Machine for Pipe Crack Early Warning in Smart Water Networks. Journal of Water Resources Planning and Management - ASCE, 2022, 148, .	2.6	4
128	Extension of the 1D Unsteady Friction Model for Rapidly Accelerating and Decelerating Turbulent Pipe Flows. Journal of Hydraulic Engineering, 2022, 148, .	1.5	4
129	Detection and Location of a Partial Blockage in Pipeline Systems Using Damping of Fluid Transients. , 2004, , 1.		3
130	Behavior of Short Lateral Dead Ends on Pipeline Transients: A Lumped Parameter Model and an Analytical Solution. Journal of Fluids Engineering, Transactions of the ASME, 2005, 127, 529-535.	1.5	3
131	Efficient simulation of a space-time Neyman-Scott rainfall model. Water Resources Research, 2006, 42, .	4.2	3
132	Field Test Investigations into Distributed Fault Modeling in Water Distribution Systems Using Transient Testing. , 2007, , 1.		3
133	Closure to "Systematic Evaluation of One-Dimensional Unsteady Friction Models in Simple Pipelines" by J. P. Vátekovsk <sup>1</sup> / <sub>2</sub> , A. Bergant, A. R. Simpson, and M. F. Lambert. Journal of Hydraulic Engineering, 2008, 134, 284-284.	1.5	3
134	Detection of extended blockages in pressurised pipelines using hydraulic transients with a layer-peeling method. IOP Conference Series: Earth and Environmental Science, 2019, 240, 052019.	0.3	3
135	Leak detection in virtually isolated pipe sections within a complex pipe system using a two-source-four-sensor transient testing configuration. Journal of Hydroinformatics, 2020, 22, 1306-1320.	2.4	3
136	An Analytical Solution for the Transients in a Pipeline with a Variable Boundary Condition: Leak Detection In Pipe Networks Using Coded Transients. , 2008, , .		2
137	Incorporating Long-Term Climate Variability into a Short-Timescale Rainfall Model Using a Hidden State Markov Model. Australian Journal of Water Resources, 2002, 6, 63-70.	2.7	1
138	Using Field Measured Transient Responses in a Water Distribution System to Assess Valve Status and Network Topology. , 2005, , 1.		1
139	Laplace-Domain Comparison of Linear Models of a Reservoir-Pipe-Valve System with a Leak. , 2008, , .		1
140	Closure to "Single-Event Leak Detection in Pipeline Using First Three Resonant Responses" by Jinzhe Gong, Martin F. Lambert, Angus R. Simpson, and Aaron C. Zecchin. Journal of Hydraulic Engineering, 2015, 141, 07014020.	1.5	1
141	Optimization of Pumping Costs and Harvested Volume for a Stormwater Harvesting System. Journal of Water Resources Planning and Management - ASCE, 2018, 144, 05018011.	2.6	1
142	Coherenceogram for leak detection in water pipes. Journal of Sound and Vibration, 2022, 530, 116979.	3.9	1
143	Breakwater Morphological Modelling: Predicting Equilibrium Morphologies Using Entropy Based Techniques. , 2006, , 1.		0
144	Transient-Based Periodical Pipeline Leak Diagnosis. , 2008, , .		0

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145	Transient Reflection Analysis to Identify Problems with a Raw Water Pumping Main. , 2008, , .		0
146	Damage Detection of Operating Transmission Mains with Measured Boundary Conditions. , 2009, , .		0
147	Spatial Variability of Stochastically Generated Rainfall. , 2012, , .		0
148	Signal Separation for Transient Wave Reflections in Single Pipelines Using Inverse Filters. , 2012, , .		0
149	Formulation of the Pump Operations Optimization Problem for a Harvested Stormwater System. Procedia Engineering, 2017, 186, 202-209.	1.2	0
150	A Stochastic Model for Ice Core Time Series. Environmental Modeling and Assessment, 2019, 24, 185-204.	2.2	0