

# Katarzyna Pietrucha-Urbanik

## List of Publications by Year in descending order

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39  
papers

446  
citations

759233

12  
h-index

752698

20  
g-index

40  
all docs

40  
docs citations

40  
times ranked

373  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Grey-System Theory Approach to Assess the Safety of Gas-Supply Systems. <i>Energies</i> , 2022, 15, 4240.	3.1	1
2	Functional Safety Concept to Support Hazard Assessment and Risk Management in Water-Supply Systems. <i>Energies</i> , 2021, 14, 947.	3.1	7
3	A Case Study in View of Developing Predictive Models for Water Supply System Management. <i>Energies</i> , 2021, 14, 3305.	3.1	4
4	Reliability-Oriented Design of a Solar-PV Deployments. <i>Energies</i> , 2021, 14, 6535.	3.1	8
5	Cost Analysis of Water Pipe Failure. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 411-424.	0.6	1
6	An Approach to Analysing Water Consumers' Acceptance of Risk-Reduction Costs. <i>Resources</i> , 2020, 9, 132.	3.5	6
7	Consumers' Perceptions of the Supply of Tap Water in Crisis Situations. <i>Energies</i> , 2020, 13, 3617.	3.1	41
8	Assessment of Corrosion Properties of Selected Mineral Waters. <i>Coatings</i> , 2020, 10, 571.	2.6	2
9	Water Network-Failure Data Assessment. <i>Energies</i> , 2020, 13, 2990.	3.1	9
10	An Approach to Determine Risk Indices for Drinking Water—Study Investigation. <i>Sustainability</i> , 2019, 11, 3189.	3.2	37
11	Analysis of the Safety of Functioning Gas Pipelines in Terms of the Occurrence of Failures. <i>Energies</i> , 2019, 12, 3228.	3.1	21
12	A Hazard Assessment Method for Waterworks Systems Operating in Self-Government Units. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 767.	2.6	20
13	An Approach to Estimating Water Quality Changes in Water Distribution Systems Using Fault Tree Analysis. <i>Resources</i> , 2019, 8, 162.	3.5	16
14	Qualitative analysis of the failure risk of water pipes in terms of water supply safety. <i>Engineering Failure Analysis</i> , 2019, 95, 371-378.	4.0	34
15	Biostability of Tap Water—A Qualitative Analysis of Health Risk in the Example of Groundwater Treatment (Semi-Technical Scale). <i>Water (Switzerland)</i> , 2018, 10, 1764.	2.7	6
16	Approaches to Methods of Risk Analysis and Assessment Regarding the Gas Supply to a City. <i>Energies</i> , 2018, 11, 3304.	3.1	9
17	Approaches to Failure Risk Analysis of the Water Distribution Network with Regard to the Safety of Consumers. <i>Water (Switzerland)</i> , 2018, 10, 1679.	2.7	30
18	Approaches for Safety Analysis of Gas-Pipeline Functionality in Terms of Failure Occurrence: A Case Study. <i>Energies</i> , 2018, 11, 1589.	3.1	20

#	ARTICLE	IF	CITATIONS
19	Safety Analysis of Tap Water Biostability. <i>Architecture Civil Engineering Environment</i> , 2018, 11, 149-154.	0.6	4
20	Analysis of the biological stability of tap water on the basis of risk analysis and parameters limiting the secondary growth of microorganisms in water distribution systems. , 2018, 117, 1-8.		9
21	Analysis of chemical stability of tap water in terms of required level of technological safety. <i>Archives of Environmental Protection</i> , 2017, 43, 3-12.	1.1	11
22	Approaches to Assess Water Distribution Failure. <i>Periodica Polytechnica: Civil Engineering</i> , 2017, , .	0.6	15
23	Spatial Analysis of Water Infrastructure Development On Example of Eastern Europe Rural Regions. <i>IOP Conference Series: Earth and Environmental Science</i> , 2016, 44, 022032.	0.3	1
24	Safety Problems of Small Water Supply Systems. <i>Journal of KONBiN</i> , 2016, 37, 51-72.	0.4	7
25	Simulation Model of Contamination Threat Assessment in Water Network Using the Epanet Software. <i>Ecological Chemistry and Engineering S</i> , 2016, 23, 425-433.	1.5	2
26	Assessing the Costs of Losses Incurred as a Result of Failure. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 355-362.	0.6	12
27	Analysis of the gas network failure and failure prediction using the Monte Carlo simulation method. <i>Eksploatacja I Niezawodnosc</i> , 2016, 18, 254-259.	2.0	21
28	ANALYSIS OF WATER INFRASTRUCTURE DEVELOPMENT - A CASE STUDY OF THE EXEMPLARY WATER SUPPLY SYSTEM. <i>Journal of Civil Engineering, Environment and Architecture</i> , 2016, , .	0.0	1
29	Analysis and assessment of water distribution subsystem failure. <i>Journal of KONBiN</i> , 2016, 40, 47-62.	0.4	1
30	Failure analysis and assessment on the exemplary water supply network. <i>Engineering Failure Analysis</i> , 2015, 57, 137-142.	4.0	56
31	Research Methodology of Water Network Failure in Terms of Renewal / Metodologia Badania AwaryjnoÅci Sieci WodociÅ..gowej w Aspekcie Jej Odnowy. <i>Journal of KONBiN</i> , 2015, 33, 233-242.	0.4	3
32	Preventive maintenance and reliability of water supply system elements. <i>Journal of Civil Engineering, Environment and Architecture</i> , 2015, XXXII, 429-436.	0.0	3
33	Prioritizing Water Pipe Renewal Using Fuzzy Set Theory / Priorytetyzacja Odnowy PrzewodÅ³w WodociÅ..gowych z Zastosowaniem Teorii ZbiorÅ³w Rozmytych. <i>Journal of KONBiN</i> , 2015, 33, 243-250.	0.4	5
34	New directions for the protection and evolution of water supply systems - smart water supply. <i>Journal of Civil Engineering, Environment and Architecture</i> , 2015, XXXII, 365-373.	0.0	1
35	Exploitation of the CWSS in the Aspect of Belonging to the Critical Infrastructure / Eksploatacja Szzw W Aspekcie PrzynaleÅ¼noÅci Do Infrastruktury Krytycznej. <i>Journal of KONBiN</i> , 2013, 25, 165-172.	0.4	3
36	EXPLOITATION OF THE CWSS IN THE ASPECT OF BELONGING TO THE CRITICAL INFRASTRUCTURE / EKSPLOATACJA SZZW W ASPEKCIE PRZYNALEÅ»NOÅ¶CI DO INFRASTRUKTURY KRYTYCZNEJ. <i>Journal of KONBiN</i> , 2013, 26, 165-172.	0.4	0

#	ARTICLE	IF	CITATIONS
37	Standards of Water Services Quality Levels with Regard to the Reliability of Water Supply to the Recipients / STANDARDY JAKOŚCI POZIOMU USŁUG WODOCIĄ, GOWYCH Z UWZGLĘDNIENIEM NIEZAWODNOŚCI DOSTAWY WODY DO ODBIORCÓW. Journal of KONBiN, 2012, 24, 71-78.	0.4	2
38	Water Main Failure Risk Assessment / OCENA RYZYKA AWARII MAGISTRALI WODOCIĄ, GOWEJ. Journal of KONBiN, 2012, 24, 115-124.	0.4	2
39	Contribution to Diffusion Processes Application in the Area of Critical Infrastructure Security Assessment. Applied Mechanics and Materials, 0, 436, 539-548.	0.2	2