

# Vladimir Orlov

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

50  
citations

2258059

3  
h-index

1720034

7  
g-index

20  
all docs

20  
docs citations

20  
times ranked

29  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Selection of Priority Pipe Sections for Sewer Network Renovation. Applied Mechanics and Materials, 2014, 580-583, 2398-2402.	0.2	16
2	Computer Simulation of Optimal Thickness of Polyurea Coating Using for Trenchless Renovation of Potable Water Pipes. Procedia Engineering, 2016, 165, 1168-1175.	1.2	8
3	Choosing an Optimal Trenchless Renovation Method for Pressure and Non-Pressure Pipes. Applied Mechanics and Materials, 0, 580-583, 2384-2388.	0.2	4
4	Pipeline walls hydrophobic properties study and their protective coatings used in trenchless technologies. MATEC Web of Conferences, 2016, 86, 04020.	0.2	3
5	Calculation of the hydraulic characteristics of the protective coating used in trenchless technologies for the construction and renovation of pipelines to extend their service life. MATEC Web of Conferences, 2017, 117, 00185.	0.2	3
6	Mathematical modelling of water exchange in public swimming pools. IOP Conference Series: Materials Science and Engineering, 2018, 365, 042016.	0.6	3
7	Measures to prevent sewerage odor emissions into the atmosphere. IOP Conference Series: Materials Science and Engineering, 2020, 869, 042002.	0.6	3
8	Modeling of water and air operation mode of sewer pipelines. IOP Conference Series: Materials Science and Engineering, 2020, 869, 042003.	0.6	2
9	Formation of harmful volatile substances in sewage systems and their neutralization. E3S Web of Conferences, 2021, 263, 04003.	0.5	2
10	Influence of the temperature factor on the hydraulic resistance of pressure pipes. E3S Web of Conferences, 2021, 263, 04004.	0.5	2
11	Experimental research of microturbulence and transportability on sliding surfaces. IOP Conference Series: Materials Science and Engineering, 2018, 365, 042048.	0.6	1
12	STUDY OF HYDROPHOBICITY AND TEXTURE OF THE GRAVITY TRAY SURFACES TO IMPROVE THEIR TRANSFER CAPACITY. Environmental Engineering and Management Journal, 2021, 20, 121-131.	0.6	1
13	Analysis of the Strength Characteristics of Internal Sprayed Protective Coatings of Pipelines to Improve Energy Efficiency. Advances in Intelligent Systems and Computing, 2018, , 391-401.	0.6	0
14	Experimental studies of the transporting capacity of the pipe textured relief trays. MATEC Web of Conferences, 2018, 251, 03033.	0.2	0
15	Static calculations in the context of sewer pipe sliplining by polymer hose. MATEC Web of Conferences, 2018, 178, 09019.	0.2	0
16	Stabilization of hydraulic characteristics for non-pressure pipelines. E3S Web of Conferences, 2019, 97, 05003.	0.5	0
17	Transportation of liquid and sand in open trays. E3S Web of Conferences, 2019, 97, 02003.	0.5	0
18	Simulation of Hydraulic Characteristics for Pipelines Consisting of Different Materials and Diameters. IOP Conference Series: Materials Science and Engineering, 2019, 661, 012118.	0.6	0

#	ARTICLE	IF	CITATIONS
19	Hydraulic characteristics of internal protective coatings used for rehabilitation of pipelines of water supply and sanitation systems. MATEC Web of Conferences, 2018, 144, 02017.	0.2	0