

# Petr Burkov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4471050/publications.pdf>

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16  
papers

31  
citations

2258059

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2053705

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16  
all docs

16  
docs citations

16  
times ranked

12  
citing authors

#	ARTICLE	IF	CITATIONS
1	Research of stress-deformed state of main gas-pipeline section in loose soil settlement. IOP Conference Series: Earth and Environmental Science, 2014, 21, 012039.	0.3	7
2	Simulation of pipeline in the area of the underwater crossing. IOP Conference Series: Earth and Environmental Science, 2014, 21, 012037.	0.3	5
3	Stress-strain state of pipeline depending on complicated environment. IOP Conference Series: Earth and Environmental Science, 2016, 43, 012044.	0.3	5
4	Computer Simulation of Stress-Strain State of Oil Gathering Pipeline Designed for Ugut Field. IOP Conference Series: Materials Science and Engineering, 2016, 125, 012037.	0.6	3
5	Material surface treatment using microsecond plasma opening switch. Theoretical and Applied Fracture Mechanics, 1997, 26, 151-154.	4.7	2
6	Stress and Strain State Analysis of Defective Pipeline Portion. IOP Conference Series: Materials Science and Engineering, 2015, 91, 012055.	0.6	2
7	FEM analysis of soil-pipe interaction. AIP Conference Proceedings, 2017, , .	0.4	2
8	Using composite materials for woodworking tools. Welding International, 2011, 25, 566-568.	0.7	1
9	Finite Element Model of Trenchless Pipe Laying. IOP Conference Series: Materials Science and Engineering, 2015, 91, 012052.	0.6	1
10	Stress-strain analysis of pipelines laid in permafrost. IOP Conference Series: Earth and Environmental Science, 2016, 43, 012080.	0.3	1
11	Stochastic analysis of temperature fields in frozen foundation soils. AIP Conference Proceedings, 2017, , .	0.4	1
12	CALCULATION OF STRESSES ARISING IN A PIPELINE UNDER BUCKLING IN SOFT GROUND. , 2018, , .		1
13	Computer Simulation of Stress-Strain State of Pipeline Section Affected by Abrasion Due to Mechanical Impurities. IOP Conference Series: Materials Science and Engineering, 2016, 125, 012036.	0.6	0
14	COMPUTER SIMULATION OF OIL AND GAS FLOW LINE STRESS-STRAIN BEHAVIOR. , 2018, , .		0
15	MODELING OF PIPELINE STRESS-STRAIN STATE IN COMPLICATED ENVIRONMENT. Vestnik Tomskogo Gosudarstvennogo Arkhitekturno-stroitel Nogo Universiteta JOURNAL of Construction and Architecture, 2019, , 115-125.	0.2	0
16	Organizational and technical measures on using cryogels for improvement of soil bearing capacity in construction and operation of pipeline transport facilities. Science and Technologies: Oil and Oil Products Pipeline Transportation, 2019, 9, 164-173.	0.2	0