Halyna Krechkovska

List of Publications by Year
in descending order

12	141	1307594 7	1199594 12
papers	citations	h-index	g-index

12	12	12	61
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Study of the Fatigue Crack Growth in Long-Term Operated Mild Steel under Mixed-Mode (I + II, I + III) Loading Conditions. Materials, 2020, 13, 160.	2.9	25
2	Non-destructive evaluation of brittle fracture resistance of operated gas pipeline steel using electrochemical fracture surface analysis. Engineering Failure Analysis, 2019, 104, 617-625.	4.0	24
3	Assessment of Operational Degradation of Pipeline Steels. Materials, 2021, 14, 3247.	2.9	23
4	Feature of stress corrosion cracking of degraded gas pipeline steels. Procedia Structural Integrity, 2019, 16, 153-160.	0.8	22
5	Estimation of Fatigue Crack Growth Rate in Heat-Resistant Steel by Processing of Digital Images of Fracture Surfaces. Metals, 2021, 11, 1776.	2.3	12
6	Pipeline durability and integrity issues at hydrogen transport via natural gas distribution network. Procedia Structural Integrity, 2021, 33, 646-651.	0.8	12
7	Susceptibility of carbon pipeline steels operated in natural gas distribution network to hydrogen-induced cracking. Procedia Structural Integrity, 2022, 36, 306-312.	0.8	7
8	Fatigue crack growth in operated gas pipeline steels. Procedia Structural Integrity, 2020, 26, 409-416.	0.8	5
9	Brittle fracture manifestation in gas pipeline steels after long-term operation. Procedia Structural Integrity, 2020, 28, 1204-1211.	0.8	5
10	Predicting the state of heat-resistant steel of a steam pipeline at a TPP taking into account changes in its strength due to operational damage. Procedia Structural Integrity, 2022, 36, 43-50.	0.8	4
11	Structural and Fractographic Features of Gas Pipeline Steel Degradation. Lecture Notes in Civil Engineering, 2021, , 45-59.	0.4	1
12	Influence of long-term operation of the 17H1S steel on the main gas pipeline on the change of the mechanical properties. Procedia Structural Integrity, 2022, 36, 334-341.	0.8	1