

Natalia E Pirogova

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

5

papers

38

citations

3

h-index

5

g-index

5

ext. papers

44

ext. citations

2.7

avg, IF

1.79

L-index

#	Paper	IF	Citations
5	Analysis of a link of embrittlement mechanisms and neutron flux effect as applied to reactor pressure vessel materials of WWER. <i>Journal of Nuclear Materials</i> , 2013 , 434, 347-356	3.3	22
4	Analysis of mechanisms inducing corrosion cracking of irradiated austenitic steels and development of a model for prediction of crack initiation. <i>Engineering Failure Analysis</i> , 2020 , 107, 104235	3.2	7
3	Mechanisms of plastic deformation and fracture of austenitic chromium-nickel steel irradiated during 45 years in WWER-440. <i>Journal of Nuclear Materials</i> , 2021 , 549, 152911	3.3	5
2	Analysis of Relationship Between the Radiation Embrittlement Mechanisms and the Influence of Neutron Flux in Respect of WWER Reactor Pressure Vessel Materials. <i>Strength of Materials</i> , 2013 , 45, 406-423	0.6	2
1	Correlation between grain boundary strength determined by impact test of miniature specimen and stress corrosion cracking resistance of irradiated austenitic steels used for the internals of WWER-type and PWR-type nuclear reactors. <i>Engineering Failure Analysis</i> , 2021 , 127, 105544	3.2	2