

# Natalia E Pirogova

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/7755335/natalia-e-pirogova-publications-by-year.pdf>

**Version:** 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Mechanisms of plastic deformation and fracture of austenitic chromium-nickel steel irradiated during 45 years in WWER-440. <i>Journal of Nuclear Materials</i> , <b>2021</b> , 549, 152911	3.3	5
4	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> , <b>2021</b> , 127, 105544	3.2	2
3	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> , <b>2020</b> , 107, 104235	3.2	7
2	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> , <b>2013</b> , 434, 347-356	3.3	22
1	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> , <b>2013</b> , 45, 406-423	0.6	2