

Sergey Danilov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2306181/publications.pdf>

Version: 2024-02-01

23
papers

93
citations

1684188

5
h-index

1474206

9
g-index

23
all docs

23
docs citations

23
times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of phosphorus on defects accumulation and annealing in electron-irradiated Fe-Ni austenitic alloys. <i>Journal of Nuclear Materials</i> , 2001, 295, 273-280.	2.7	15
2	Atomic disorder and the magnetic, electrical, and optical properties of a Co ₂ CrAl Heusler alloy. <i>Journal of Experimental and Theoretical Physics</i> , 2013, 116, 452-459.	0.9	13
3	Radiation-induced separation of solid solution in Fe-Ni invar. <i>Journal of Nuclear Materials</i> , 2011, 414, 200-204.	2.7	11
4	The effect of deuterium and tritium on formation and annealing of vacancy-type defects in deformed nickel. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2008, 205, 1546-1551.	1.8	9
5	Anisotropy of the transport properties of single-crystal Bi ₂ Te ₃ disordered by electron bombardment. <i>Journal of Experimental and Theoretical Physics</i> , 1998, 86, 976-982.	0.9	7
6	The interaction of deuterium and tritium with radiation and other defects in austenitic steel and nickel. <i>Journal of Nuclear Materials</i> , 2000, 283-287, 849-853.	2.7	5
7	Effect of electron irradiation on the galvanomagnetic properties of In _x Bi _{2-2x} Te ₃ semiconductor single crystals. <i>Physics of the Solid State</i> , 2003, 45, 2249-2254.	0.6	5
8	Formation and evolution of intermetallic nanoparticles and vacancy defects under irradiation in Fe-Ni-Al ageing alloy characterized by resistivity measurements and positron annihilation. <i>Journal of Nuclear Materials</i> , 2016, 476, 168-178.	2.7	5
9	Low Temperature Diffusion Transformations in Fe-Ni-Ti Alloys During Deformation and Irradiation. <i>Metals and Materials International</i> , 2018, 24, 249-254.	3.4	5
10	Radiation Defects and Instability of Ni-S Alloys. <i>Materials Science Forum</i> , 1992, 97-99, 317-322.	0.3	3
11	Separation of radiation defects in deformed nickel. <i>Physics of Metals and Metallography</i> , 2015, 116, 711-717.	1.0	3
12	Effect of severe plastic deformation on the structure and crystal-lattice distortions in the Ni ₃ (Al,X) (X = Ti, Nb) intermetallic compound. <i>Physics of Metals and Metallography</i> , 2015, 116, 501-508.	1.0	3
13	Effect of phosphorus on vacancy-type defect behaviour in electron-irradiated Ni studied by positron annihilation. <i>Journal of Nuclear Materials</i> , 2015, 457, 48-53.	2.7	3
14	Observation of segregation deposits in iron-nickel-titanium alloy using scanning tunneling microscopy. <i>Technical Physics Letters</i> , 1999, 25, 134-135.	0.7	2
15	Radiation-Induced Segregation of Sulphur in Nickel. <i>Materials Science Forum</i> , 1987, 15-18, 1385-1390.	0.3	1
16	Galvanomagnetic effects in atomic-disordered HgSe _{1-x} S _x compounds. <i>Semiconductors</i> , 2003, 37, 1278-1282.	0.5	1
17	Effect of Electron Irradiation on the Non-Stoichiometric and Doped Lanthanum Manganites. <i>Solid State Phenomena</i> , 0, 190, 663-666.	0.3	1
18	Thermally- and irradiation-induced sulphur aggregation in Ni-S ageing system studied by positron annihilation. <i>Journal of Nuclear Materials</i> , 2014, 449, 54-61.	2.7	1

#	ARTICLE	IF	CITATIONS
19	Investigation of Sulphur Nanoclusters in Ageing Ni-S System after Irradiation and Thermal Treatment by Positron Annihilation. Acta Physica Polonica A, 2014, 125, 729-732.	0.5	0
20	SEPARATION OF A SOLID SOLUTION OF A Fe-Ni INVAR ALLOY WITH DIFFERENT TYPES OF POINT DEFECT SINKS UNDER ELECTRON IRRADIATION. Diagnostics Resource and Mechanics of Materials and Structures, 2018, , 157-164.	0.1	0
21	OBTAINING PURE CARBON-ALLOYED NICKEL. Diagnostics Resource and Mechanics of Materials and Structures, 2019, , 38-43.	0.1	0
22	Production of pure nickel alloys doped with sulfur and phosphorus. Diagnostics Resource and Mechanics of Materials and Structures, 2020, , 48-53.	0.1	0
23	Microstructure evolution in a Fe-Ni-Si alloy during heat treatment and electron irradiation. Diagnostics Resource and Mechanics of Materials and Structures, 2021, , 36-43.	0.1	0