

# Sergey Danilov

## List of Publications by Year in descending order

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23  
papers

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citations

1684188

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Microstructure evolution in a Fe-Ni-Si alloy during heat treatment and electron irradiation. <i>Diagnostics Resource and Mechanics of Materials and Structures</i> , 2021, , 36-43.	0.1	0
2	Production of pure nickel alloys doped with sulfur and phosphorus. <i>Diagnostics Resource and Mechanics of Materials and Structures</i> , 2020, , 48-53.	0.1	0
3	OBTAINING PURE CARBON-ALLOYED NICKEL. <i>Diagnostics Resource and Mechanics of Materials and Structures</i> , 2019, , 38-43.	0.1	0
4	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
5	SEPARATION OF A SOLID SOLUTION OF A Fe-Ni INVAR ALLOY WITH DIFFERENT TYPES OF POINT DEFECT SINKS UNDER ELECTRON IRRADIATION. <i>Diagnostics Resource and Mechanics of Materials and Structures</i> , 2018, , 157-164.	0.1	0
6	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
7	Separation of radiation defects in deformed nickel. <i>Physics of Metals and Metallography</i> , 2015, 116, 711-717.	1.0	3
8	Effect of severe plastic deformation on the structure and crystal-lattice distortions in the Ni <sub>3</sub> (Al,X) (X = Ti, Nb) intermetallic compound. <i>Physics of Metals and Metallography</i> , 2015, 116, 501-508.	1.0	3
9	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
10	Investigation of Sulphur Nanoclusters in Ageing Ni-S System after Irradiation and Thermal Treatment by Positron Annihilation. <i>Acta Physica Polonica A</i> , 2014, 125, 729-732.	0.5	0
11	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
12	Atomic disorder and the magnetic, electrical, and optical properties of a Co <sub>2</sub> CrAl Heusler alloy. <i>Journal of Experimental and Theoretical Physics</i> , 2013, 116, 452-459.	0.9	13
13	Radiation-induced separation of solid solution in Fe-Ni invar. <i>Journal of Nuclear Materials</i> , 2011, 414, 200-204.	2.7	11
14	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
15	Galvanomagnetic effects in atomic-disordered HgSe <sub>1-x</sub> S <sub>x</sub> compounds. <i>Semiconductors</i> , 2003, 37, 1278-1282.	0.5	1
16	Effect of electron irradiation on the galvanomagnetic properties of In <sub>x</sub> Bi <sub>2-x</sub> Te <sub>3</sub> semiconductor single crystals. <i>Physics of the Solid State</i> , 2003, 45, 2249-2254.	0.6	5
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Observation of segregation deposits in iron-nickel-titanium alloy using scanning tunneling microscopy. Technical Physics Letters, 1999, 25, 134-135.	0.7	2
20	Anisotropy of the transport properties of single-crystal Bi <sub>2</sub> Te <sub>3</sub> disordered by electron bombardment. Journal of Experimental and Theoretical Physics, 1998, 86, 976-982.	0.9	7
21	Radiation Defects and Instability of Ni-S Alloys. Materials Science Forum, 1992, 97-99, 317-322.	0.3	3
22	Radiation-Induced Segregation of Sulphur in Nickel. Materials Science Forum, 1987, 15-18, 1385-1390.	0.3	1
23	Effect of Electron Irradiation on the Non-Stoichiometric and Doped Lanthanum Manganites. Solid State Phenomena, 0, 190, 663-666.	0.3	1