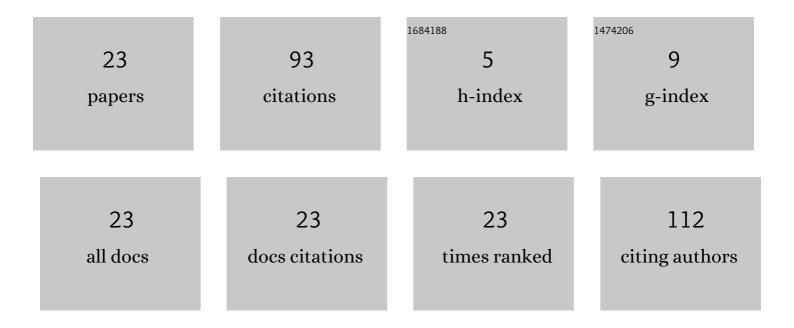
Sergey Danilov

List of Publications by Year in descending order

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SEDCEV DANILOV

#	Article	IF	CITATIONS
1	Effects of phosphorus on defects accumulation and annealing in electron-irradiated Fe–Ni austenitic alloys. Journal of Nuclear Materials, 2001, 295, 273-280.	2.7	15
2	Atomic disorder and the magnetic, electrical, and optical properties of a Co2CrAl Heusler alloy. Journal of Experimental and Theoretical Physics, 2013, 116, 452-459.	0.9	13
3	Radiation-induced separation of solid solution in Fe–Ni invar. Journal of Nuclear Materials, 2011, 414, 200-204.	2.7	11
4	The effect of deuterium and tritium on formation and annealing of vacancyâ€ŧype defects in deformed nickel. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 1546-1551.	1.8	9
5	Anisotropy of the transport properties of single-crystal Bi2 Te3 disordered by electron bombardment. Journal of Experimental and Theoretical Physics, 1998, 86, 976-982.	0.9	7
6	The interaction of deuterium and tritium with radiation and other defects in austenitic steel and nickel. Journal of Nuclear Materials, 2000, 283-287, 849-853.	2.7	5
7	Effect of electron irradiation on the galvanomagnetic properties of InxBi2â^'x Te3 semiconductor single crystals. Physics of the Solid State, 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. Journal of Nuclear Materials, 2016, 476, 168-178.	2.7	5
9	Low Temperature Diffusion Transformations in Fe–Ni–Ti Alloys During Deformation and Irradiation. Metals and Materials International, 2018, 24, 249-254.	3.4	5
10	Radiation Defects and Instability of Ni-S Alloys. Materials Science Forum, 1992, 97-99, 317-322.	0.3	3
11	Separation of radiation defects in deformed nickel. Physics of Metals and Metallography, 2015, 116, 711-717.	1.0	3
12	Effect of severe plastic deformation on the structure and crystal-lattice distortions in the Ni3(Al,X) (X = Ti, Nb) intermetallic compound. Physics of Metals and Metallography, 2015, 116, 501-508.	1.0	3
13	Effect of phosphorus on vacancy-type defect behaviour in electron-irradiated Ni studied by positron annihilation. Journal of Nuclear Materials, 2015, 457, 48-53.	2.7	3
14	Observation of segregation deposits in iron-nickel-titanium alloy using scanning tunneling microscopy. Technical Physics Letters, 1999, 25, 134-135.	0.7	2
15	Radiation-Induced Segregation of Sulphur in Nickel. Materials Science Forum, 1987, 15-18, 1385-1390.	0.3	1
16	Galvanomagnetic effects in atomic-disordered HgSe1â^'x Sx compounds. Semiconductors, 2003, 37, 1278-1282.	0.5	1
17	Effect of Electron Irradiation on the Non-Stoichiometric and Doped Lanthanum Manganites. Solid State Phenomena, 0, 190, 663-666.	0.3	1
18	Thermally- and irradiation-induced sulphur aggregation in Ni–S ageing system studied by positron annihilation. Journal of Nuclear Materials, 2014, 449, 54-61.	2.7	1

SERGEY DANILOV

#	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	Ο
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