

Vacancies and carbon impurities in $\hat{\Gamma}_\pm$ - iron: Electron ir

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Carbon-vacancy interaction in alpha iron: interpretation of positron annihilation results. Journal of Physics F: Metal Physics, 1982, 12, L211-L216.	1.6	34
2	Materials Research for Fusion Energy. Physica Scripta, 1982, T1, 105-107.	1.2	0
3	Trapping and surface permeation of deuterium in He-implanted Fe. Journal of Applied Physics, 1982, 53, 8734-8744.	1.1	105
4	Positron annihilation studies of vacancy-type defects. Hyperfine Interactions, 1983, 15, 357-370.	0.2	18
5	Determination of the ferromagnetic vacancy-formation enthalpy in α -iron by the positron method using the carbon-vacancy pair as a probe. Physics Letters, Section A: General, Atomic and Solid State Physics, 1983, 95, 121-123.	0.9	7
6	Annealing behaviour of dilute FeTi, FeCu, and FeMn alloys in the temperature range above stage III following low-temperature electron irradiation. Physica Status Solidi A, 1983, 76, 267-276.	1.7	6
7	On the interaction between a vacancy and an interstitial impurity atom in B.C.C. transition metals. Physica Status Solidi (B): Basic Research, 1983, 116, 9-16.	0.7	11
8	Vacancy formation and migration energies in strained crystals. Journal of Nuclear Materials, 1983, 114, 22-29.	1.3	9
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10	Defect spectroscopy with positrons: a general calculational method. Journal of Physics F: Metal Physics, 1983, 13, 333-346.	1.6	700
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20	A position study on the effect of C, Cu, Ni and Sb on the defect annealing in cold-rolled iron. <i>Crystal Research and Technology</i> , 1984, 19, 627-631.	0.6	2
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22	A Positron study of iron alloys. <i>Physica Status Solidi A</i> , 1984, 83, K93-K96.	1.7	3
23	Nitrocarburizing of low-carbon unalloyed steel. <i>Journal of Materials Science</i> , 1984, 19, 1099-1108.	1.7	2
24	Magnetic After-Effects in Nitrogen-Charged $\hat{\pm}$ -Fe Following Low-Temperature Electron- and Neutron-Irradiation. <i>Physica Status Solidi A</i> , 1985, 89, 581-594.	1.7	4
25	Positron studies of hydrogen-defect interactions in proton irradiated molybdenum. <i>Applied Physics A: Solids and Surfaces</i> , 1985, 36, 81-92.	1.4	25
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33	Dislocation studies on deformed single crystals of high-purity iron using positron annihilation: Determination of dislocation densities. <i>Physical Review B</i> , 1986, 34, 823-836.	1.1	93
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45	Theoretical Aspects of Positrons in Imperfect Solids. Physica Status Solidi A, 1987, 102, 11-29.	1.7	61
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47	Neutron Embrittlement of Reactor Pressure Vessel Steels: A Challenge to Positron Annihilation and Other Methods. Physica Status Solidi A, 1987, 102, 79-90.	1.7	40
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71	Investigation of neutron irradiated Fe-0.8 wt% Cu alloys by means of positron annihilation and microhardness measurements. European Physical Journal B, 1990, 79, 39-45.	0.6	6
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