

Evgen Len

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Bragg Diffraction of X-Rays by Single Crystals with Large Microdefects. Physica Status Solidi (B): Basic Research, 2002, 231, 199-212.	1.5	35
2	Bragg Diffraction of X-Rays by Single Crystals with Large Microdefects I. Generalized Dynamical Theory. Physica Status Solidi (B): Basic Research, 2001, 227, 429-447.	1.5	34
3	Sensitivity of triple-crystal X-ray diffractometers to microdefects in silicon. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 1761-1765.	1.8	17
4	Bragg Diffraction of X-Rays by Single Crystals with Large Microdefects. Physica Status Solidi (B): Basic Research, 2002, 231, 213-221.	1.5	11
5	Combined double- and triple-crystal X-ray diffractometry with account for real defect structures in all crystals of X-ray optical schemes. Physica Status Solidi (A) Applications and Materials Science, 2007, 204, 2651-2656.	1.8	10
6	The cause of anomaly of temperature dependence of electroresistance of the ordering nonstoichiometric FeCo compounds based on a b.c.c. lattice. Journal of Alloys and Compounds, 2009, 480, 13-15.	5.5	8
7	Combined multiparametric X-ray diffraction diagnostics of microdefects in silicon crystals after irradiation by high-energy electrons. Journal of Surface Investigation, 2013, 7, 523-530.	0.5	7
8	Unique Informativity of the Diffuse Dynamical Combined Diffractometry of Materials and Products of Nanotechnologies. Progress in Physics of Metals, 2008, 9, 305-356.	1.5	6
9	X-ray diffraction characterization of microdefects in silicon crystals after high-energy electron irradiation. Physica Status Solidi (A) Applications and Materials Science, 2011, 208, 2552-2557.	1.8	5
10	Electronic structure and temperature dependence of the linear size of the nanoscale magnetic domains in a disordered bcc-FeCo alloy. Materialwissenschaft Und Werkstofftechnik, 2011, 42, 47-49.	0.9	5
11	Integral Multiparameter Diffractometry of Nanosystems on the Basis of Effects of Multiplicity of Diffuse Scattering. Progress in Physics of Metals, 2009, 10, 229-281.	1.5	5
12	Generalized statistical dynamical theory of x-ray diffraction by imperfect multilayer crystal structures with defects. Physical Review B, 2019, 99, .	3.2	4
13	Dynamical X-ray diffraction theory: Characterization of defects and strains in as-grown and ion-implanted garnet structures. Physica Status Solidi (B): Basic Research, 2017, 254, 1600689.	1.5	3
14	Basic Physics of Multiparameter Crystallography: Diagnostics of Defects of Several Types in Single-Crystal Materials and Articles of Nanotechnologies. Progress in Physics of Metals, 2011, 12, 295-365.	1.5	1