

# Evgen Len

## List of Publications by Year in descending order

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14  
papers

151  
citations

1307594

7  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

59  
citing authors

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