

# Ilya Karkin

## List of Publications by Year in descending order

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Version: 2024-02-01

8  
papers

60  
citations

1683934  
5  
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1719901  
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g-index

8  
all docs

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docs citations

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times ranked

66  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computer simulation of carbon diffusion near $b/2[010](001)$ dislocation in cementite. <i>Physics of Metals and Metallography</i> , 2013, 114, 155-161.	0.3	17
2	Structural transformations in Fe-Ni-alloy nanoclusters: Results of molecular-dynamic-simulation. <i>Physics of Metals and Metallography</i> , 2006, 101, 130-140.	0.3	11
3	Molecular dynamics simulation of the formation of twin boundaries during agglomeration of nanoparticles. <i>Physics of the Solid State</i> , 2010, 52, 431-435.	0.2	11
4	Formation of Multiply-Twinned Particles during Two-Nanoparticles Agglomeration: The Results of MD Simulation. <i>Materials Science Forum</i> , 2008, 584-586, 1033-1038.	0.3	7
5	Interaction of dislocations with nanoprecipitates of the metastable phase and dispersion strengthening of the Fe-Cu alloy. <i>Physics of the Solid State</i> , 2011, 53, 1388-1396.	0.2	5
6	Process of faceting in nanoparticles of FCC metals: Results of simulation by the molecular-dynamics method. <i>Physics of Metals and Metallography</i> , 2010, 109, 211-219.	0.3	4
7	“FlowTech” and “EvaTech”: Two Computer-Simulation Methods for Evacuation Calculation. , 2010, , 537-545.		3
8	Effect of chemical interaction on the stability of metal clusters in FCC metals. <i>Physics of Metals and Metallography</i> , 2008, 106, 260-265.	0.3	2