

# Lenar R Tagirov

## List of Publications by Year in descending order

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22  
papers

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citations

1306789

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996533

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23  
docs citations

23  
times ranked

242  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-temperature ferromagnetism in Co-implanted TiO <sub>2</sub> rutile. Journal Physics D: Applied Physics, 2009, 42, 115005.	1.3	46
2	Dose dependence of ferromagnetism in Co-implanted ZnO. Journal of Applied Physics, 2009, 105, 043907.	1.1	44
3	Intrinsic room temperature ferromagnetism in Co-implanted ZnO. Journal Physics D: Applied Physics, 2008, 41, 165001.	1.3	30
4	Thickness dependence of the triplet spin-valve effect in superconductor/ferromagnet/ferromagnet heterostructures. Beilstein Journal of Nanotechnology, 2016, 7, 957-969.	1.5	15
5	Six-fold in-plane magnetic anisotropy in Co-implanted ZnO (0001). Applied Physics Letters, 2009, 95, 102502.	1.5	14
6	Epitaxial growth and superconducting properties of thin-film PdFe/VN and VN/PdFe bilayers on MgO(001) substrates. Beilstein Journal of Nanotechnology, 2020, 11, 807-813.	1.5	10
7	Epitaxial thin-film Pd <sub>1-x</sub> Fe <sub>x</sub> alloy: a tunable ferromagnet for superconducting spintronics. Science China Materials, 2021, 64, 1246-1255.	3.5	9
8	Role of Interface Transparency and Exchange Field in the Superconducting Triplet Spin-Valve Effect. Solid State Phenomena, 2015, 233-234, 745-749.	0.3	8
9	Photoelectric and magnetic properties of Fe-hyperdoped Si layers formed by the recoil-atom implantation. Materials Science in Semiconductor Processing, 2020, 105, 104752.	1.9	7
10	Synthesis, Characterization, and Magnetoresistive Properties of the Epitaxial Pd <sub>0.96</sub> Fe <sub>0.04</sub> /VN/Pd <sub>0.92</sub> Fe <sub>0.08</sub> Superconducting Spin-Valve Heterostructure. Nanomaterials, 2021, 11, 64.	1.9	6
11	Exchange spin waves in thin films with gradient composition. Physical Review Materials, 2022, 6, .	0.9	5
12	Resonant Magnetoresistance in Asymmetric Double-Barrier Magnetic Tunnel Junctions. Physics Procedia, 2015, 75, 995-1002.	1.2	3
13	Mössbauer spectroscopy evidence of intrinsic nonstoichiometry in iron telluride single crystals. Annalen Der Physik, 2017, 529, 1600241.	0.9	3
14	Vibrational properties and lattice specific heat of KFeS <sub>2</sub> . AIP Conference Proceedings, 2018, , .	0.3	3
15	Single-stage plasma-chemical synthesis and characterization of carbon nanoparticle-polymer suspensions. Plasma Processes and Polymers, 2020, 17, 1900204.	1.6	3
16	Density Functional Theory Approach to the Vibrational Properties and Magnetic Specific Heat of the Covalent Chain Antiferromagnet KFeS <sub>2</sub> . Molecules, 2022, 27, 2663.	1.7	3
17	Structural and magnetic studies of TiO <sub>2</sub> rutile implanted with vanadium ions. Materials Research Express, 2019, 6, 116103.	0.8	2
18	Application of Nuclear Inelastic Scattering Spectroscopy to the Frequency Scale Calibration of Ab Initio Calculated Phonon Density of States of Quasi-One-Dimensional Ternary Iron Chalcogenide RbFeSe <sub>2</sub> . Applied Sciences (Switzerland), 2020, 10, 7212.	1.3	2

#	ARTICLE	IF	CITATIONS
19	Controllable two- and three-state magnetization switching in single-layer epitaxial Pd <sub>1-x</sub> Fe <sub>x</sub> films and an epitaxial Pd <sub>0.92</sub> Fe <sub>0.08</sub> /Ag/Pd <sub>0.96</sub> Fe <sub>0.04</sub> heterostructure. Beilstein Journal of Nanotechnology, 2022, 13, 334-343.	1.5	2
20	Evidence of the Plaquette Structure of Fe <sub>1+x</sub> Te Iron Telluride: Mössbauer Spectroscopy Study. Physica Status Solidi (B): Basic Research, 2019, 256, 1800698.	0.7	1
21	Ab initio Investigation of Impurity Ferromagnetism in the Pd <sub>1-x</sub> Fe <sub>x</sub> Alloys: Concentration and Position Dependences. Crystals, 2021, 11, 1257.	1.0	1
22	Vibrational properties and lattice specific heat of RbFeS <sub>2</sub> . AIP Conference Proceedings, 2018, , .	0.3	0