

# Elena I Shneyder

## List of Publications by Year in descending order

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32  
papers

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citations

1163117

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1199594

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32  
all docs

32  
docs citations

32  
times ranked

74  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phonon-assisted insulator-metal transitions in correlated systems driven by doping. Physical Review B, 2021, 104, .	3.2	1
2	Polaron transformations in the realistic model of the strongly correlated electron system. Physical Review B, 2020, 101, .	3.2	8
3	Effect of CuO <sub>2</sub> Lattice Strain on the Electronic Structure and Properties of High-T <sub>c</sub> Cuprate Family. Journal of Superconductivity and Novel Magnetism, 2019, 32, 1927-1935.	1.8	8
4	Influence of the Diagonal and Off-Diagonal Electron-Phonon Interactions on the Formation of Local Polarons and Their Band Structure in Materials with Strong Electron Correlations. Journal of Experimental and Theoretical Physics, 2018, 126, 683-698.	0.9	4
5	Transition Between Large and Small Polaron States in the Electronic Structure of HTSC Cuprates. Journal of Superconductivity and Novel Magnetism, 2016, 29, 1063-1068.	1.8	3
6	Polaronic approach to strongly correlated electron systems with strong electron-phonon interaction. Physical Review B, 2015, 92, .	3.2	12
7	Coupling of Hubbard fermions with phonons in La <sub>2</sub> CuO <sub>4</sub> : A combined study using density-functional theory and the generalized tight-binding method. Journal of Alloys and Compounds, 2015, 648, 258-264.	5.5	1
8	General analysis of the angle-resolved photoemission line shape for strongly correlated electron systems. Physical Review B, 2014, 90, .	3.2	1
9	Normal and Superconducting Properties of Cuprates in Multielectron Theory. Journal of Superconductivity and Novel Magnetism, 2013, 26, 2831-2835.	1.8	1
10	Quantum Phase Transitions and Superconductivity in Single- and Two-Layer Cuprates in the Multiband Theory of Hubbard Fermions. Journal of Superconductivity and Novel Magnetism, 2013, 26, 2607-2609.	1.8	1
11	Electronic structure and properties of high-T <sub>c</sub> superconducting cuprates in the normal and superconducting phases within the LDA + GTB approach. JETP Letters, 2012, 96, 349-360.	1.4	9
12	CUPRATES, MANGANITES AND COBALTITES: MULTIELECTRON APPROACH TO THE BAND STRUCTURE. Modern Physics Letters B, 2012, 26, 1230016.	1.9	11
13	Contribution of the non-Heisenberg ring exchange to the magnetic mechanism of high-T <sub>c</sub> superconductivity. JETP Letters, 2012, 95, 193-197.	1.4	3
14	Dependence of the critical temperature of high-temperature cuprate superconductors on hoppings and spin correlations between CuO <sub>2</sub> planes. Journal of Experimental and Theoretical Physics, 2012, 114, 329-342.	0.9	0
15	LDA+GTB Method for Band Structure Calculations in the Strongly Correlated Materials. Springer Series in Solid-state Sciences, 2012, , 143-171.	0.3	10
16	Effect of interlayer tunneling on the electronic structure of bilayer cuprates and quantum phase transitions in carrier concentration and high magnetic field. Journal of Experimental and Theoretical Physics, 2011, 112, 288-302.	0.9	2
17	Inducing correlations of $MTEF_{2111}^{+}$ % feagaartIevZaaatCvAureBSjuyZLzyd9gzLbvynvZCaerbuLwBLn % hiov2DGi1BTfMBaeXatLxBI9gBaerbd9wDYLwzYbLtLDharqqtubsr % 4rNCHbGeaGqiVu0Je9sqqrpepC0xbbL8F4rqqrFfpeea0xe9Lq-Jc9 % vqaqpepm0xbba9pwe9Q8fs0-yqaqpepae9pg0FirpepeKkFr0xfr-x % f-xb9adubaqaeeGaciGaaiaabbeqaamaabaabaaGcLbaacbiGaa8lzam % aaBaaJaarcWF4bYVaaWbaaWbaaWbaa	0.6	2
18	Anomalous thermodynamics of the doped Mott-Hubbard insulators. Physics of the Solid State, 2011, 53, 299-302.	0.6	0

#	ARTICLE	IF	CITATIONS
19	From underdoped to overdoped cuprates: two quantum phase transitions. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 045701.	1.8	17
20	The Interplay of Phonon and Magnetic Mechanism of Pairing in a Strongly Correlated Electron System of High-T <sub>c</sub> Cuprates. <i>Journal of Superconductivity and Novel Magnetism</i> , 2010, 23, 733-736.	1.8	5
21	Effect of Short Antiferromagnetic Correlations on the Normal and Superconducting Properties in Copper Oxides. <i>Solid State Phenomena</i> , 2010, 168-169, 561-566.	0.3	0
22	Reconstruction of the Fermi surface of HTSC cuprates in a high magnetic field. <i>JETP Letters</i> , 2009, 89, 632-637.	1.4	0
23	Multielectron approach to the electronic structure and mechanisms of superconductivity in high-T <sub>c</sub> cuprates. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 917-919.	2.3	0
24	Lifshits quantum phase transitions and rearrangement of the Fermi surface upon a change in the hole concentration in high-temperature superconductors. <i>Journal of Experimental and Theoretical Physics</i> , 2009, 109, 775-785.	0.9	21
25	Isotope effect in the model of strongly correlated electrons with the magnetic and phonon superconducting pairing mechanisms. <i>Journal of Experimental and Theoretical Physics</i> , 2009, 109, 1017-1021.	0.9	7
26	The effective Hamiltonian for cuprates at different energy scales. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, e93-e95.	2.3	0
27	Electron-phonon interaction in the strongly correlated electron system of cuprates. <i>Low Temperature Physics</i> , 2006, 32, 483-488.	0.6	1
28	Phonon and magnetic pairing mechanisms in high-temperature superconductors in the strong correlation limit. <i>JETP Letters</i> , 2006, 83, 394-398.	1.4	8
29	Electron-phonon interaction in cuprates with T and -structure in strongly correlated limit. <i>Physica B: Condensed Matter</i> , 2006, 378-380, 451-452.	2.7	0
30	Effective Hamiltonian for HTSC cuprates taking into account electron-phonon interaction in the strong-correlation regime. <i>Journal of Experimental and Theoretical Physics</i> , 2005, 101, 844-855.	0.9	9
31	Spectral functions in the Hubbard model with half-filling. <i>Physics of the Solid State</i> , 2004, 46, 1469-1473.	0.6	6
32	Electron spectral density of the half-filled Hubbard model in the atomic limit at finite temperature. <i>Open Physics</i> , 2003, 1, .	1.7	3