Elena G Shkvarina

List of Publications by Year
in descending order

27	233	1040056 9	1058476 14
papers	citations	h-index	g-index

27	27	27	238
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electronic structure of titanium dichalcogenides TiX2 (X = S, Se, Te). Journal of Experimental and Theoretical Physics, 2012, 114, 150-156.	0.9	29
2	The electronic structure formation of CuxTiSe2 in a wide range (0.04 < x <) Tj ETQq0 0 0 rgBT /Overlock 10	3.0	24
3	Chemical bond in Fe_xTiSe₂intercalation compounds: dramatic influence of Fe concentration. RSC Advances, 2016, 6, 106527-106539.	3.6	18
4	Guestâ€“Host Chemical Bonding and Possibility of Ordering of Intercalated Metals in Transition-Metal Dichalcogenides. Inorganic Chemistry, 2018, 57, 5544-5553.	4.0	16
5	2D-3D transition in Cuâ€“TiS2 system. Journal of Chemical Physics, 2017, 147, 044712.	3.0	14
6	Electronic structure of Ni_xTiSe₂ (0.05 â‰¤ x â‰¤ 0.46) compounds with ordered and disordered Ni. Physical Chemistry Chemical Physics, 2017, 19, 4500-4506.	2.8	13
7	Resonance photoelectron spectroscopy of TiX2 (X = S, Se, Te) titanium dichalcogenides. Journal of Experimental and Theoretical Physics, 2012, 115, 798-804.	0.9	12
8	Thermal stability of the layered modification of Cu_{0.5}ZrTe₂ in the temperature range 25â€“900â€¦Â°C. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 1020-1025.	0.5	11
9	Electronic structure of ZrX2 (X = Se, Te). Journal of Chemical Physics, 2018, 148, 124707.	3.0	10
10	Kinetics of reactions in interlayer space of titanium diselenide intercalated with iron. Physics of the Solid State, 2016, 58, 735-741.	0.6	9
11	Phase diagram and thermodynamic equilibrium in the Fe x TiSe2 system. Physics of the Solid State, 2012, 54, 626-629.	0.6	8
12	Band Gap Width Control by Cu Intercalation Into ZrSe₂. Journal of Physical Chemistry C, 2019, 123, 410-416.	3.1	7
13	Specific features of the electronic and crystal structure of Cu_xZrSe₂ (0 <) Tj ETQq1 1 0.784314 rgBT /Ov	5.5	7
14	Decay of the homogeneous state in Fe x TiSe2. Physics of the Solid State, 2010, 52, 1248-1254.	0.6	6
15	Structural features of Fe x TiSe2 materials with the retrograde solubility in the solid state. Journal of Structural Chemistry, 2016, 57, 710-716.	1.0	6
16	Electronic Structures of the Vanadium-Intercalated and Substitutionally Doped Transition-Metal Dichalcogenides Ti_xV_ySe₂. Inorganic Chemistry, 2020, 59, 8543-8551.	4.0	6
17	Electronic and crystal structure of bi-intercalated titanium diselenide Cu_xNi_yTiSe₂. Journal of Materials Chemistry C, 2021, 9, 1657-1670.	5.5	6
18	Synthesis, single-crystal growth, and superconducting properties of Fe-Se system. Physics of Metals and Metallography, 2012, 113, 932-937.	1.0	5

#	Article	IF	Citations
19	Thermal stability of the Cuâ€“ZrTe2 intercalation compounds. Journal of Molecular Structure, 2020, 1205, 127644.	3.6	5
20	Thermal dissociation of intercalated titanium selenides Fe x TiSe2 (x = 0.10, 0.25, 0.50). Physics of the Solid State, 2012, 54, 2481-2485.	0.6	4
21	Stress-controlled nâ€“p conductivity switch based on intercalated ZrTe2. Applied Physics Letters, 2021, 119, 053103.	3.3	4
22	Specific features of the dislocation structure of layered titanium dichalcogenides TiX 2 (X = S, Se, or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.6	3
23	Electronic structure of VxTi1â^'xSe2 in wide concentration region (0.06 â‰¤ x â‰¤ 0.9). Journal of Chemical Physics, 2017, 146, 164703.	3.0	3
24	Quasimolecular complexes in the Cu_xTiSe_{2â^'y}S_y intercalation compound. Journal of Materials Chemistry C, 2018, 6, 12592-12600.	5.5	3
25	Anomalies in the structure and properties of titanium diselenide intercalated by iron. Physics of the Solid State, 2008, 50, 314-317.	0.6	2
26	Specific features of the electronic structure of Co_xTiSe₂according to the resonant photoemission data. Physical Chemistry Chemical Physics, 2020, 22, 16934-16942.	2.8	2
27	Electronic Structure of V_xTi_{1â€“x}Se₂ Solid Solutions with the (V,Ti)Se₂ Structural Fragments. Journal of Physical Chemistry C, 2022, 126, 7076-7085.	3.1	0