

Igor E Korsakov

List of Publications by Year in descending order

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31
papers

340
citations

840776

11
h-index

839539

18
g-index

31
all docs

31
docs citations

31
times ranked

341
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and magnetocaloric properties of $\text{La}_{1-x}\text{K}_x\text{MnO}_3$ manganites. <i>Physica B: Condensed Matter</i> , 2011, 406, 885-889.	2.7	42
2	Volatile Surfactant-Assisted MOCVD: Application to LaAlO_3 Thin-Film Growth. <i>Chemical Vapor Deposition</i> , 2000, 6, 133-138.	1.3	27
3	Giant magnetorefractive effect in $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ films. <i>Journal of Experimental and Theoretical Physics</i> , 2011, 112, 77-86.	0.9	24
4	Mixed ligand complexes of AEE hexafluoroacetylacetonates with diglyme: Synthesis, crystal structure and thermal behavior. <i>Polyhedron</i> , 2008, 27, 2811-2818.	2.2	23
5	Title is missing!. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2002, 28, 670-672.	1.0	21
6	MOCVD of KNbO_3 Ferroelectric Films and their Characterization. <i>Chemical Vapor Deposition</i> , 2004, 10, 318-324.	1.3	21
7	Magnetocaloric properties of $\text{La}_{1-x}\text{K}_x\text{MnO}_3$ manganites. <i>Journal of Experimental and Theoretical Physics</i> , 2011, 112, 460-468.	0.9	19
8	Heat capacity and magnetocaloric properties of $\text{La}_{1-x}\text{K}_x\text{MnO}_3$ manganites. <i>Physics of the Solid State</i> , 2010, 52, 789-793.	0.6	18
9	Mixed-ligand complexes of lanthanide dialkyldithiocarbamates with 1,10-phenanthroline as precursors of lanthanide sulfides. <i>Mendeleev Communications</i> , 2000, 10, 98-99.	1.6	17
10	Magnetorefractive effect in manganites with a colossal magnetoresistance in the visible spectral region. <i>Journal of Experimental and Theoretical Physics</i> , 2012, 114, 141-149.	0.9	15
11	Magnetorefractive effect in the $\text{La}_{1-x}\text{K}_x\text{MnO}_3$ thin films grown by MOCVD. <i>Journal of Magnetism and Magnetic Materials</i> , 2014, 367, 53-59.	2.3	15
12	CVD synthesis and SNMS characterization of thin films of ABO_3 perovskite-type materials (PbTiO_3), <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.8	13
13	Influence of grain boundaries on resistivity of manganites $\text{La}_{1-x}\text{K}_x\text{MnO}_3$. <i>Physics of the Solid State</i> , 2012, 54, 617-621.	0.6	12
14	One-dimensional coordination polymers in the crystal structures of sodium and potassium acetylacetonates. <i>Polyhedron</i> , 2015, 92, 68-76.	2.2	11
15	New Complexes of Alkali-Metals as Precursors for MOCVD of Ferroelectric $(\text{K}, \text{Na})\text{NbO}_3$ Thin Films. <i>ECS Transactions</i> , 2009, 25, 633-638.	0.5	9
16	Epitaxial Heterostructures of $\text{KNbO}_3/\text{LaNiO}_3/\text{SrTiO}_3$ and $\text{KNbO}_3/\text{La}_{1-x}\text{K}_x\text{MnO}_3/\text{SrTiO}_3$: MOCVD preparation and properties. <i>ECS Transactions</i> , 2009, 25, 513-519.	0.5	7
17	Deposition of PbTiO_3 thin films from thd-complexes by an aerosol source MOCVD method. <i>Microelectronic Engineering</i> , 1995, 29, 205-208.	2.4	6
18	Synthesis and crystal structures of $[\text{K}(\text{H}_2\text{O})(\text{Piv})]_2$ and $[\text{K}_2(\text{Phen})(\text{H}_2\text{O})_2(\text{Piv})_2]$. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2011, 37, 825-831.	1.0	5

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19	Volatile surfactant assisted MOCVD of oxide materials. European Physical Journal Special Topics, 1999, 09, Pr8-709-Pr8-716.	0.2	5
20	Zirconium pivalate: Synthesis and volatility. Russian Journal of Inorganic Chemistry, 2006, 51, 1750-1754.	1.3	4
21	MOCVD of YBCO and Buffer Layers on Textured Ni Alloyed Tapes. IEEE Transactions on Applied Superconductivity, 2007, 17, 3483-3486.	1.7	4
22	Comment on $\text{A}=\text{K, Rb}$: Novel Ferromagnetic Manganites Exhibiting Negative Giant Magnetoresistance. Chemistry of Materials, 2009, 21, 2000-2001.	6.7	4
23	Critical behavior of the heat capacity of the manganite $\text{La}_{0.87}\text{K}_{0.13}\text{MnO}_3$. Physics of the Solid State, 2011, 53, 2271-2274.	0.6	4
24	Bis(1,10-phenanthroline)(2,2,6,6-tetramethylheptane-3,5-dionato)potassium(I) benzene sesquisolvate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m2195-m2195.	0.2	3
25	Epitaxial LnNiO_3 ($\text{Ln}=\text{La, Pr, Nd, Sm}$) films from 4f-3d heterometallic complexes. Thin Solid Films, 2010, 518, 4696-4700.	1.8	3
26	Electrical conductivity, thermoelectrical properties, and EPR spectroscopy of copper chromite ceramic samples doped with magnesium. Low Temperature Physics, 2019, 45, 194-200.	0.6	3
27	Heterometallic nickel(II) samarium(III) diethylenetriaminepentaacetate, a starting material for the preparation of samarium nickelate films. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2006, 32, 707-711.	1.0	2
28	MOCVD of ferroelectric BaMgF_4 thin films. European Physical Journal Special Topics, 1999, 09, Pr8-471-Pr8-478.	0.2	1
29	Electrically conducting oxide buffer layers on biaxially textured nickel alloy tapes by reel-to-reel MOCVD process. Journal of Physics: Conference Series, 2006, 43, 203-206.	0.4	1
30	MOCVD of coated conductors with electrically conductive buffer layers and their electrical field. Journal of Physics: Conference Series, 2006, 43, 207-210.	0.4	1
31	Magneto-optical properties of epitaxial strained ferrite films grown by MOCVD method. Journal of Physics: Conference Series, 2019, 1389, 012107.	0.4	0