

Valentina I Voronkova

List of Publications by Year in descending order

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80
papers

682
citations

623574

14
h-index

713332

21
g-index

80
all docs

80
docs citations

80
times ranked

455
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of Conductivity in the Rare Earth Layered Ln_2MoO_6 ($\text{Ln} = \text{La}, \text{Pr}$) Tj ETQq1 1 0.784314 rgBT /Oyer 2022, 126, 9623-9633.	1.5	7
2	Structure and Properties of Ln_2MoO_6 Oxymolybdates ($\text{Ln} = \text{La}, \text{Pr}, \text{Nd}$) Doped with Magnesium. Crystals, 2021, 11, 611.	1.0	3
3	$\text{Bi}_2\text{O}_3\text{-Nd}_2\text{O}_3\text{-WO}_3$ system: Phase formation, polymorphism, and conductivity. Ceramics International, 2021, 47, 31168-31179.	2.3	1
4	La_2MoO_6 Oxymolybdates Doped with Sodium: Crystal Growth, Features of the Structure, and Properties. Crystal Growth and Design, 2021, 21, 7043-7052.	1.4	3
5	Fluorite-like $\text{Li}_x\text{Ln}_5\text{Mo}_3\text{O}_{16.5}$ ($\text{Ln} = \text{La}, \text{Pr}, \text{Nd}$) compounds isostructural with $\text{Nd}_5\text{Mo}_3\text{O}_{16}$. Journal of the American Ceramic Society, 2020, 103, 6414-6423.	1.9	7
6	Synthesis, structure and properties of layered Pr_2MoO_6 -based oxymolybdates doped with Mg. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2020, 76, 492-501.	0.5	9
7	Synthesis, structure, and physical properties of layered tetragonal Mg-doped Nd_2MoO_6 compounds. Journal of Alloys and Compounds, 2019, 803, 1045-1053.	2.8	5
8	Effect of Sodium and Fluorine Co-Doping on the Properties of Fluorite-Like Rare-Earth Molybdates of $\text{Nd}_5\text{Mo}_3\text{O}_{16}$ Type. European Journal of Inorganic Chemistry, 2019, 2019, 1250-1256.	1.0	7
9	Polymorphism and conductivity of Bi_2O_3 -based fluorite-like compounds in $\text{Bi}_2\text{O}_3\text{-Nd}_2\text{O}_3\text{-MoO}_3$ system. Journal of Alloys and Compounds, 2019, 787, 452-462.	2.8	7
10	Characteristic features of polytypism in compounds with the $\text{La}_{18}\text{W}_{10}\text{O}_{57}$ -type structure. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 740-749.	0.2	1
11	Synthesis and Electrical Properties of a Fluorite-Like $\text{Nd}_5\text{Mo}_3\text{O}_{16}$ Compound with Partial Substitution of Molybdenum by Tungsten, Niobium, or Vanadium. Crystallography Reports, 2018, 63, 127-131.	0.1	4
12	Stabilized Bi_2O_3 -based phases in the $\text{Bi}_2\text{O}_3\text{-Pr}_2\text{O}_3\text{-MoO}_3$ system and their electrical properties. Ceramics International, 2018, 44, 12886-12895.	2.3	9
13	Phase formation and electrical properties of Bi_2O_3 -based compounds in the $\text{Bi}_2\text{O}_3\text{-La}_2\text{O}_3\text{-MoO}_3$ system. Solid State Ionics, 2017, 302, 158-164.	1.3	11
14	Synthesis and electrophysical properties of some rare-earth molybdates with fluorite-like structure of the $\text{Nd}_5\text{Mo}_3\text{O}_{16}$ type. Crystallography Reports, 2017, 62, 469-473.	0.1	7
15	Synthesis and Unusual Properties of Tetragonal Pb-Containing Oxymolybdates Based on La_2MoO_6 . European Journal of Inorganic Chemistry, 2017, 2017, 5582-5587.	1.0	12
16	Fluorite-like compounds with high anionic conductivity in $\text{Nd}_2\text{MoO}_6\text{-Bi}_2\text{O}_3$ system. International Journal of Hydrogen Energy, 2016, 41, 10053-10059.	3.8	9
17	Phase Relations and Physical Properties of Layered Pb-Containing Nd_2MoO_6 Compounds. European Journal of Inorganic Chemistry, 2016, 2016, 1022-1029.	1.0	14
18	Crystal structure of $\text{R}_1\text{OMo}_6\text{O}_{33}$ ($\text{R} = \text{Nd}, \text{Pr}$) from 3 K to 973 K by neutron powder diffraction. Solid State Ionics, 2016, 288, 303-306.	1.3	10

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37	Complex Effect of Partial Substitution of La^{3+} by Ca^{2+} on the Stability of Fast Oxide-ion Conductor $\text{La}_2\text{MoO}_6\text{Bi}_2\text{VO}_5$. European Journal of Inorganic Chemistry, 2008, 2008, 1813-1821.	1.0	31
38	Synthesis and electrical properties of Aurivillius phases in the $\text{Bi}_2\text{MoO}_6\text{-Bi}_2\text{VO}_5$ system. Crystallography Reports, 2007, 52, 316-319.	0.1	5
39	Oxide-ion-conducting phases in the $\text{Bi}_2\text{MoO}_6\text{-Bi}_2\text{VO}_5$ system. Inorganic Materials, 2006, 42, 1255-1259.	0.2	2
40	Growth, structure, and properties of KTiOPO_4 crystals doped with iron. Crystallography Reports, 2006, 51, 977-981.	0.1	6
41	Chemical shifts of atomic core levels and structure of $\text{K}_{1-x}\text{Ti}_x\text{Sb}_x\text{OPO}_4$, $x=0\text{--}0.23$, solid solutions. Journal of Solid State Chemistry, 2006, 179, 2349-2355.	1.4	28
42	Single crystal growth and physical properties of RbTiOPO_4 doped with niobium. Journal of Crystal Growth, 2005, 275, e647-e650.	0.7	2
43	Oxygen-conducting crystals of $\text{La}_2\text{Mo}_2\text{O}_9$: Growth and main properties. Crystallography Reports, 2005, 50, 874-876.	0.1	16
44	Crystal growth and physical properties of $\text{Cs}_2\text{Nb}_4\text{O}_{11}$ and $\text{Rb}_2\text{Nb}_4\text{O}_{11}$ single crystals. Journal of Crystal Growth, 2002, 237-239, 703-706.	0.7	12
45	Growth, morphology and superconducting properties of $\text{TmBa}_2\text{Cu}_3\text{O}_{7-x}$ single crystals. Journal of Crystal Growth, 1995, 149, 74-79.	0.7	2
46	Influence of thermal and structural fluctuations on anisotropic resistivity and nonlinear transport properties of $\text{ReBa}_2\text{Cu}_3\text{O}_{7-\delta}$ ($\text{Re}=\text{Y}, \text{Tm}$) single crystals. Physica B: Condensed Matter, 1994, 194-196, 1655-1656.	1.3	3
47	Correlation between magnetisation and flux creep in $(\text{Re})\text{Ba}_2\text{Cu}_3\text{O}_{7-\delta}$ ($\text{Re} = \text{Y}, \text{Tm}$). Physica B: Condensed Matter, 1994, 194-196, 1921-1922.	1.3	7
48	Detailed magnetic-relaxation measurements of $(\text{Y}, \text{Tm})\text{Ba}_2\text{Cu}_3\text{O}_{7-\delta}$ crystals. Implications for the H-T diagram. Physica C: Superconductivity and Its Applications, 1994, 230, 1-8.	0.6	19
49	The influence of oxygen stoichiometry on intrinsic parameters and vortex pinning in $\text{ReBa}_2\text{Cu}_3\text{O}_{7-\delta}$ ($0 \leq \delta \leq 0.1$). T_j ETOC_{11} 1 0.784314 rg	0.6	19
50	Magnetic relaxation behaviour of $\text{YBCo}_{6.9}$ (123) and BSCCO_8 (2212) crystals+. Physica C: Superconductivity and Its Applications, 1994, 235-240, 2885-2886.	0.6	3
51	Thermomechanical detwinning of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ single crystals under reduced oxygen partial pressure. Physica C: Superconductivity and Its Applications, 1993, 218, 175-180.	0.6	28
52	Peak-effect, scaling behavior and voltage-current characteristics for $\text{TmBa}_2\text{Cu}_3\text{O}_{7-\delta}$ single crystal. Journal of Alloys and Compounds, 1993, 195, 479-482.	2.8	15
53	Hypersound studies of the electron doped $\text{Ln}_2\text{Cu}_x\text{Ce}_x\text{CuO}_4$ and hole doped $\text{La}_2\text{Cu}_x\text{MxCuO}_4$ high- T_c single crystals. Solid State Communications, 1992, 82, 669-672.	0.9	1
54	Determination of high-frequency pseudo surface mode velocity in high- T_c superconducting $\text{RBa}_2\text{Cu}_3\text{O}_{7-\delta}$ ($\text{R} = \text{Tm}, \text{Er}, \text{Ho}, \text{Dy}, \text{Gd}, \text{Eu}, \text{Sm}, \text{Nd}, \text{Pr}$) single crystal by Mandelstamm-Brillouin light scattering spectra. Solid State Communications, 1992, 84, 517-521.	0.9	1

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55	Magnetic properties of untwinned TmBa ₂ Cu ₃ O _x crystals. Physica B: Condensed Matter, 1991, 169, 607-608.	1.3	0
56	The twin walls influence on superconducting parameters of YBa ₂ Cu ₃ O _x and TmBa ₂ Cu ₃ O _x single crystals. Physica B: Condensed Matter, 1991, 169, 613-614.	1.3	0
57	The critical current and magnetization anisotropy in TmBa ₂ Cu ₃ O _x and Bi ₂ Sr ₂ CaCu ₂ O _y single crystals. Physica B: Condensed Matter, 1991, 169, 651-652.	1.3	0
58	The anomalous magnetization of TmBa ₂ Cu ₃ O _x superconducting single crystals. Physica B: Condensed Matter, 1991, 169, 653-654.	1.3	1
59	The influence of relativistic 12C ions irradiation of different critical current components in TmBa ₂ Cu ₃ O _x single crystals. Physica C: Superconductivity and Its Applications, 1991, 185-189, 2191-2192.	0.6	3
60	The peak-effect in untwinned TmBa ₂ Cu ₃ O _x single crystals. Physica C: Superconductivity and Its Applications, 1991, 185-189, 2431-2432.	0.6	3
61	Possible intermediate Jahn-Teller EPR spectra in RBa ₂ Cu ₃ O _{7-δ} (R=Sm, Tm) single crystals. Physica C: Superconductivity and Its Applications, 1991, 185-189, 1149-1150.	0.6	2
62	A SYSTEMATIC STUDY OF THE SURFACE WAVES OF HIGH-T _c SUPERCONDUCTING SINGLE CRYSTALS. , 1991, , 257-260.		0
63	First critical fields, critical currents and flux creep of TmBa ₂ Cu ₃ O _x and YBa ₂ Cu ₃ O _x superconducting single crystals. Journal of Magnetism and Magnetic Materials, 1990, 90-91, 611-614.	1.0	8
64	Channeling in RBa ₂ Cu ₃ O _{7-δ} x single crystals. Nuclear Instruments & Methods in Physics Research B, 1990, 48, 207-210.	0.6	3
65	Anisotropy of the transport properties of Nd ₂ Ce _x Cu ₃ O _{4+y} single crystals at low temperatures. Physica B: Condensed Matter, 1990, 165-166, 1539-1540.	1.3	3
66	The relaxation of the monodomain TmBa ₂ Cu ₃ O _x single crystal magnetization in the superconducting state. Physica C: Superconductivity and Its Applications, 1990, 165, 62-66.	0.6	16
67	Temperature dependences of the first critical field and critical current in the untwinned TmBa ₂ Cu ₃ O _x superconducting single crystals. Physica C: Superconductivity and Its Applications, 1990, 166, 185-190.	0.6	18
68	Bi-based superconductors and their surface wave velocities. Solid State Communications, 1990, 76, 685-689.	0.9	8
69	Anisotropy of Rayleigh wave velocity of TmBa ₂ Cu ₃ O _{7-δ} y single crystals. Solid State Communications, 1990, 74, 749-752.	0.9	6
70	The full Meissner effect in the untwinned TmBa ₂ Cu ₃ O _x single crystal. Solid State Communications, 1990, 74, 1295-1297.	0.9	12
71	Determination of rayleigh wave velocities in high T _c superconducting RBa ₂ Cu ₃ O _{7-δ} y (R = Nd, Sm, Eu,) Tj ETQq1 1 0.784314 rgBT /Over Communications, 1990, 73, 559-562.	0.9	5
72	Time relaxation of the untwinned TmBa ₂ Cu ₃ O _{7-δ} single crystal remanent magnetization. Physica C: Superconductivity and Its Applications, 1989, 162-164, 1193-1194.	0.6	3

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73	Crystal growth and properties of the high-temperature superconductors of the $R\text{Ba}_2\text{Cu}_3\text{O}_{7-\delta}$ and La_2CuO_4 -types and behaviour of these compounds at high temperatures. Physica C: Superconductivity and Its Applications, 1989, 162-164, 1213-1214.	0.6	2
74	Channeling in $\text{PrBa}_2\text{Cu}_3\text{O}_{7-x}$ -single crystals. Physica C: Superconductivity and Its Applications, 1989, 162-164, 949-950.	0.6	1
75	Single-domain crystals of $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ and $\text{TmBa}_2\text{Cu}_3\text{O}_{7-\delta}$. Physica C: Superconductivity and Its Applications, 1989, 162-164, 1211-1212.	0.6	4
76	Temperature dependences of lower critical fields in $\text{TmBa}_2\text{Cu}_3\text{O}_{7-x}$ single-crystals. Physica C: Superconductivity and Its Applications, 1989, 162-164, 1611-1612.	0.6	8
77	Anisotropy of the monodomain $\text{TmBa}_2\text{Cu}_3\text{O}_{7-x}$ single-crystal magnetic properties. Physica C: Superconductivity and Its Applications, 1989, 162-164, 1633-1634.	0.6	1
78	Observation of surface Mandelstamm-Brillouin light scattering spectra in high-temperature superconducting $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ and $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ single crystals and surface wave velocity determination. Physics Letters, Section A: General, Atomic and Solid State Physics, 1989, 142, 307-310.	0.9	17
79	Elastic coefficients of KTiOPO_4 , RbTiOPO_4 , TlTiOPO_4 crystals determined from Mandelstamm-Brillouin light scattering spectra. Solid State Communications, 1989, 69, 877-881.	0.9	10
80	Flux growth and characteristics of some ferroelectric and related crystals. Journal of Crystal Growth, 1981, 52, 654-659.	0.7	15