

Zhangzhen He

List of Publications by Year in descending order

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149
all docs

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, structure and magnetic behaviors of a new fluorophosphate PbCuPO ₄ F. Journal of Solid State Chemistry, 2022, 305, 122666.	2.9	0
2	A series of heterometallic 3d-4f hydroxyl sulfate-fluoride compound Ln ₂ Cu(SO ₄) ₂ (OH) ₃ F·H ₂ O (Ln=Ag, Gd, Tj) ETQg0.0.0 rgBT /Overlock	2.4	2
3	Reentrant ferroelectric phase induced by a tilting high magnetic field in $\text{Ni}_3\text{V}_2\text{O}_8$. Physical Review B, 2022, 105, .	3.2	4
4	Optical selection rules of the magnetic excitation in the one-dimensional Ising-like antiferromagnet BaCo_2S_2 . Physical Review B, 2022, 105, .	3.2	3
5	Pressure-Induced Phase Transition and Band Gap Decrease in Semiconducting Cu_2VO_7 . Inorganic Chemistry, 2022, 61, 3697-3707.	4.0	7
6	Na_5O_{36} : An S_{20} Physical Review B, 2022, 105, .	3.2	2
7	Influence of Barium Intercalated Ions on Magnetic Interaction in the Tellurate Compound $\text{BaNi}_2\text{TeO}_6$. Inorganic Chemistry, 2022, 61, 5731-5736.	4.0	3
8	Synthesis, structure and magnetic properties of a new spin-dimer compound $\text{CaCu}(\text{SeO}_3)_2$. Journal of Solid State Chemistry, 2022, 310, 123039.	2.9	3
9	Magnetism and ESR of the S_{20} antiferromagnet BaCo_2 . Physical Review B, 2022, 105, .	3.2	6
10	Synthesis and magnetic properties of two fluorophosphates $\text{A}_3\text{Fe}_4(\text{PO}_4)_2\text{F}_9$ (A = K ⁺ and NH ₄ ⁺) with a tetrahedral spin-cluster chain structure. Journal of Solid State Chemistry, 2022, 312, 123164.	2.9	3
11	Field-induced antiferromagnetism and Tomonaga-Luttinger liquid behavior in the quasi-one-dimensional Ising antiferromagnet $\text{SrCo}_2\text{V}_2\text{O}_8$. Physical Review B, 2022, 105, .	3.2	2
12	Temperature-induced valence-state transition in double perovskite Ba_4Mn_2 . Physical Review Materials, 2022, 6, .	3.7	1
13	Crystal-to-crystal transformation of a new selenite compound $\text{CaNi}_2(\text{SeO}_3)_3 \cdot 2\text{H}_2\text{O}$ induced by dehydration. CrystEngComm, 2021, 23, 3126-3132.	2.6	5
14	A spin-1/2 gapped compound $\text{CdCu}_2(\text{SeO}_3)_2\text{Cl}_2$ with a ladder structure. Chemical Communications, 2021, 57, 6923-6926.	4.1	3
15	A pentanuclear $\{\text{Co}_5\}$ cluster motif forming a capped breathing kagomé lattice. Chemical Communications, 2021, 57, 6616-6619.	4.1	3
16	High-field phase diagram of $\text{Ni}_3\text{V}_2\text{O}_8$ studied by specific heat and magnetocaloric effect measurements. Journal of Physics Condensed Matter, 2021, 33, 205402.	1.8	0
17	Ferroelectric polarization reversal in multiferroic MnWO_4 via a rotating magnetic field up to 52 T. Physical Review B, 2021, 104, .	3.2	1
18	Spectra of Quasi-One-Dimensional Antiferromagnet BaCo_2S_2 . Physical Review Letters, 2021, 127, 077201.	7.8	22

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19	Large magnetic anisotropy and field-induced spin-flop transition in $\text{Fe}_2(\text{TeO}_3)_2(\text{SO}_4)\cdot 3\text{H}_2\text{O}$ single crystals. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 539, 168328.	2.3	0
20	Synthesis, structure and magnetic properties of two new spin-chain compounds $\text{Ca}_2\text{Ni}(\text{HSeO}_3)_2(\text{SeO}_3)_2$ and $\text{Na}_2\text{Cu}(\text{SeO}_3)_2\cdot 2\text{H}_2\text{O}$. <i>Dalton Transactions</i> , 2021, 50, 17716-17722.	3.3	2
21	Approach toward Iron(II) Coordination Polymers Based on Chain Motifs with Thiolate or Mixed Thiolate/Carboxylate Bridges: Structures and Magnetic Properties. <i>Inorganic Chemistry</i> , 2021, 60, 19053-19061.	4.0	4
22	$\text{Co}_3(\text{Mo}_2\text{O}_8)(\text{TeO}_3)$: A new MoVI - TeIV based compound with a zigzag Coll-chain structure. <i>Journal of Solid State Chemistry</i> , 2020, 284, 121140.	2.9	1
23	Uniform Spin-1-Chain System with a Weak Interchain Interaction. <i>Inorganic Chemistry</i> , 2020, 59, 13827-13830.	4.0	2
24	$\text{Pb}(\text{OF})\text{Cu}_3(\text{SeO}_3)_2(\text{NO}_3)$: a selenite fluoride nitrate with a breathing kagomé lattice. <i>Chemical Communications</i> , 2020, 56, 11965-11968.	4.1	5
25	Synthesis, Structure and Magnetic Properties of New Spin-Dimer Compound $\text{K}_2\text{Cu}_2(\text{Te}_2\text{O}_5)(\text{TeO}_3)_2\cdot 2\text{H}_2\text{O}$. <i>Crystal Growth and Design</i> , 2020, 20, 6804-6810.	3.0	3
26	$\text{Co}_3(\text{SeO}_3)(\text{SO}_4)(\text{OH})_2$: A Selenite-Sulfate Compound with a Distorted Kagomé Lattice. <i>Inorganic Chemistry</i> , 2020, 59, 8054-8060.	4.0	7
27	A new 3d-4f heterometallic selenite chloride with a distorted Shastry-Sutherland lattice. <i>Journal of Solid State Chemistry</i> , 2020, 286, 121315.	2.9	0
28	NMR Study of Magnetic Structure in $\hat{I}\pm\text{-CoV}_2\text{O}_6$. , 2020, , .		1
29	Ferromagnetic Half-Metal Cyanamides $\text{Cr}(\text{NCN})_2$ Predicted from First Principles Investigation. <i>Materials</i> , 2020, 13, 1805.	2.9	2
30	Molybdate-Tellurite Compounds with Capped-Kagomé Spin Lattices. <i>Inorganic Chemistry</i> , 2020, 59, 2299-2307.	4.0	4
31	Absence of long-range order in an XY pyrochlore antiferromagnet $\text{Er}_2\text{AlSbO}_7$. <i>Physical Review Materials</i> , 2020, 4, .	2.4	3
32	Quantum Criticality of the Ising-like Screw Chain Antiferromagnet $\text{SrCo}_2\text{V}_8\text{O}_{34}$. $V\text{O}_2$	7.8	34
33	Magnetism study on a triangular lattice antiferromagnet $\text{Cu}_2(\text{OH})_3\text{Br}$. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 275801.	1.8	3
34	Field-induced magnetic transitions and strong anisotropy in $\hat{I}\pm\text{-CoV}_2\text{O}_6$ single crystal. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 375802.	1.8	5
35	Low-temperature thermal conductivity and magnetic transitions of the kagome-staircase compound $\text{Ni}_3\text{V}_2\text{O}_8$. <i>Physical Review B</i> , 2019, 99, .	3.2	3
36	Anisotropic magnetization plateaus in $\text{Seff}=1/2$ skew-chain single-crystal $\text{Co}_2\text{V}_2\text{O}_7$. <i>Physical Review B</i> , 2019, 99, .	3.2	16

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37	Synthesis, Structure, and Magnetic Properties of Two Mercury Selenite Antiferromagnets $\text{HgM}(\text{SeO}_3)_2(\text{H}_2\text{O})_2$ (M = Co, Ni). <i>Inorganic Chemistry</i> , 2019, 58, 5671-5676.	4.0	4
38	Synthesis, structure and magnetic properties of a new phase of cobalt(II) hydroxyl phosphate $\beta\text{-Co}_2(\text{PO}_4)(\text{OH})$ with a warping two-legs ladder chain. <i>Journal of Alloys and Compounds</i> , 2019, 785, 1009-1014.	5.5	5
39	Observation of Spin Relaxation in a Vanadate Chloride with Quasi-One-Dimensional Linear Chain. <i>Crystal Growth and Design</i> , 2019, 19, 2228-2234.	3.0	3
40	The half magnetization plateau in $\text{Ni}_3\text{V}_2\text{O}_8$ studied by electron spin resonance. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 125801.	1.8	3
41	$\text{Cu}_3(\text{CH}_3\text{COO})_4(\text{OH})_2 \cdot 5\text{H}_2\text{O}$: A Novel Isolated Spin-1/2 Diamond Chain Compound Showing Possible Valence-Bond Condensation. <i>Crystal Growth and Design</i> , 2019, 19, 547-550.	3.0	6
42	Syntheses, Structure, and 2/5 Magnetization Plateau of a 2D Layered Fluorophosphate $\text{Na}_3\text{Cu}_5(\text{PO}_4)_4 \cdot 4\text{H}_2\text{O}$. <i>Inorganic Chemistry</i> , 2018, 57, 3151-3157.	4.0	10
43	Unusual magnetoelectric memory and polarization reversal in the kagome staircase compound $\text{Ni}_2\text{V}_2\text{O}_7$. <i>Physical Review B</i> , 2018, 97, 040407.	3.2	8
44	Magnetization and ESR studies on $\text{Cu}_5\text{V}_2\text{O}_7$. <i>Physical Review B</i> , 2018, 97, 040408.	3.2	8
45	Targeted replacement: systematic studies of dodecanuclear $\{\text{M}_{12}\text{L}_{12}\}$ coordination clusters (M = Cr, Tj ETQq1 1.0784314 r gBT / Overlock 10). <i>Journal of Alloys and Compounds</i> , 2018, 748, 794-797.	3.3	3
46	Synthesis, structure and magnetic behaviors of a new spin-1/2 chain compound $\text{Na}_4\text{CuTeO}_6$. <i>Journal of Alloys and Compounds</i> , 2018, 748, 794-797.	5.5	8
47	Synthesis, structures and magnetic properties of linear $\{\text{Co}_2\text{L}_{12}\}$ coordination clusters. <i>New Journal of Chemistry</i> , 2018, 42, 1284-1289.	2.8	6
48	Magnetic field induced ferroelectricity and half magnetization plateau in polycrystalline $\text{R}_2\text{V}_2\text{O}_7$ (R = Ni, Co). <i>Physical Review B</i> , 2018, 98, 040407.	3.2	31
49	Unusual magnetoelectric memory and polarization reversal in the kagome staircase compound $\text{Ni}_2\text{V}_2\text{O}_7$. <i>Physical Review B</i> , 2018, 97, 040407.	3.2	17
50	Two successive magnetic transitions observed in a new mixed valence compound $\text{PbNi}_3(\text{PO}_4)_3$ with channels structure. <i>Journal of Alloys and Compounds</i> , 2018, 765, 58-62.	5.5	5
51	Layered $\text{Cu}_7(\text{TeO}_3)_2(\text{SO}_4)_2(\text{OH})_6$ with Diluted Kagomá Net Containing Frustrated Corner-Sharing Triangles. <i>Inorganic Chemistry</i> , 2017, 56, 1830-1834.	4.0	8
52	Synthesis and magnetic properties of two isostructural fluorophosphates BaMPO_4F (M = Tj ETQq0 0.0 r gBT / Overlock 10). <i>Journal of Alloys and Compounds</i> , 2017, 717, 14-18.	3.3	3
53	Syntheses and magnetic properties of new compounds $\text{Ca}_3\text{M}_3(\text{PO}_4)_4$ (M = Ni, Co) with a wave-like layer structure built by zigzag M-chains. <i>Journal of Alloys and Compounds</i> , 2017, 717, 14-18.	5.5	4
54	Synthesis, structure, and magnetic properties of new layered phosphate halides $\text{Sr}_2\text{Cu}_5(\text{PO}_4)_4 \cdot 8\text{H}_2\text{O}$ (X = Tj ETQq0 0.0 r gBT / Overlock 10). <i>Journal of Alloys and Compounds</i> , 2017, 717, 14-18.	3.3	3

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73	Syntheses, structure and magnetic properties of two vanadate garnets $\text{Ca}_5\text{M}_4\text{V}_6\text{O}_{24}$ (M=Co, Ni). <i>Journal of Solid State Chemistry</i> , 2015, 228, 245-249.	2.9	17
74	Syntheses and Characterization of a Family of Vanadate Compounds $\text{Ba}_3\text{M}(\text{V}_2\text{O}_7)_2$ (M = Co, Mn, Mg, or Zn) with an Edge-Shared $[\text{M}_2\text{O}_{10}]$ Dimer Structure. <i>Crystal Growth and Design</i> , 2015, 15, 1619-1624.	3.0	13
75	Synthesis, structure and magnetic properties of hydroxychlorides $\text{A}_3\text{Cu}_3(\text{OH})\text{Cl}_8$ (A = Cs, Rb) with isolated tricopper. <i>CrystEngComm</i> , 2015, 17, 8471-8476.	2.6	3
76	$\text{Gd}_2\text{Cu}(\text{SO}_4)_2(\text{OH})_4$: a 3d ⁴ f hydroxysulfate with an enhanced cryogenic magnetocaloric effect. <i>Dalton Transactions</i> , 2015, 44, 17026-17029.	3.3	27
77	Spin fluctuations and frustrated magnetism in multiferroic FeVO_3 . <i>Physical Review B</i> , 2014, 89, .	3.2	3
78	$\text{KNa}_3\text{Mn}_7(\text{PO}_4)_6$: 2D spin-frustrated magnetic material with a diamond-like chain structure. <i>RSC Advances</i> , 2014, 4, 21559-21562.	3.6	4
79	Butterfly-like enantiomerically homochiral $\{\text{Co}^{\text{II}}\text{Co}^{\text{III}}\}_4$ clusters exhibiting both slow magnetic relaxation and ferroelectric property. <i>Dalton Transactions</i> , 2014, 43, 3238-3243.	3.3	30
80	Single crystal flux growth of the Ising spin-chain system $\hat{1}^3\text{-CoV}_2\text{O}_6$. <i>Journal of Crystal Growth</i> , 2014, 388, 103-106.	1.5	8
81	Magnetic phase diagram of an Ising spin-chain system $\hat{1}^{\pm}\text{-CoV}_2\text{O}_6$ with 1/3 magnetization plateau. <i>Journal of Magnetism and Magnetic Materials</i> , 2014, 362, 27-30.	2.3	22
82	Syntheses and Magnetic Properties of New Tellurite-Sulfate Compounds $\text{M}_2(\text{TeO}_3)(\text{SO}_4)\cdot\text{H}_2\text{O}$ (M = Co, Mn) with a Layer Structure Showing a Distorted Honeycomb Spin-Lattice. <i>Inorganic Chemistry</i> , 2014, 53, 5862-5868.	4.0	16
83	$\text{M}_3(\text{TeO}_3)(\text{SO}_4)(\text{OH})_2\cdot 2\text{H}_2\text{O}$ (M = Ni, Co): Two Novel Quasi-2D Layered Tellurite-Sulfate Compounds with a Distorted Striped Kagomé Lattice. <i>Crystal Growth and Design</i> , 2014, 14, 5206-5211.	3.0	15
84	Anisotropic magnetic behaviors of monoclinic $\text{Li}_3\text{Fe}_2(\text{PO}_4)_3$. <i>Journal of Solid State Chemistry</i> , 2014, 215, 189-192.	2.9	4
85	Magnetic behaviors of Cu_3TeO_6 with multiple spin lattices. <i>Journal of Magnetism and Magnetic Materials</i> , 2014, 354, 146-150.	2.3	17
86	51V-NMR study of the quasi-one-dimensional antiferromagnet $\text{BaCo}_2\text{V}_2\text{O}_8$. <i>Journal of the Korean Physical Society</i> , 2013, 63, 739-742.	0.7	0
87	Long-range and short-range orderings in $\text{K}_4\text{Fe}_4\text{P}_5\text{O}_{20}$ with a natrolite-like framework. <i>Dalton Transactions</i> , 2013, 42, 5860.	3.3	9
88	Crystal structure and magnetic properties of $\text{Pb}_2\text{Ni}(\text{PO}_4)_2$. <i>Dalton Transactions</i> , 2013, 42, 5480.	3.3	15
89	Synthesis and Magnetic Properties of a New Borophosphate $\text{SrCo}_2\text{BPO}_7$ with a Four-Column Ribbon Structure. <i>Inorganic Chemistry</i> , 2013, 52, 2492-2496.	4.0	17
90	Collapse of Magnetic Order of the Quasi One-Dimensional Ising-Like Antiferromagnet $\text{BaCo}_2\text{V}_2\text{O}_8$ in Transverse Fields. <i>Journal of the Physical Society of Japan</i> , 2013, 82, 033706.	1.6	33

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91	51V NMR study of antiferromagnetic state and spin dynamics in quasi-one-dimensional BaCo ₂ V ₂ O ₈ . Physical Review B, 2012, 86. Heat transport of the quasi-one-dimensional Ising-like antiferromagnet BaCo ₂ V ₂ O ₈ . Physical Review B, 2012, 86.	3.2	11
92	High magnetic field induced phases and half-magnetization plateau in the kagome compound Ni ₃ V ₂ O ₇ . Physical Review B, 2011, 83.	3.2	25
93	K ₄ Fe ₄ P ₅ O ₂₀ : A New Mixed Valence Microporous Compound with Elliptical Eight-Ring Channels. Inorganic Chemistry, 2012, 51, 7469-7471.	4.0	3
94	Self-Assembly of Thiacalix[4]arene-Supported Nickel(II)/Cobalt(II) Complexes Sustained by in Situ Generated 5-Methyltetrazolate Ligand. Crystal Growth and Design, 2012, 12, 3335-3341.	3.0	66
95	A unique 2D $\hat{+}$ 3D polycatenation cobalt(ii)-based molecule magnet showing coexistence of paramagnetism and canted antiferromagnetism. Chemical Communications, 2011, 47, 3766.	4.1	64
96	Unusually Large Magnetic Anisotropy in a CuO-Based Semiconductor Cu ₅ V ₂ O ₁₀ . Journal of the American Chemical Society, 2011, 133, 1298-1300.	13.7	22
97	Magnetic structure and spin dynamics of the quasi-one-dimensional spin-chain antiferromagnet BaCo ₂ V ₂ O ₈ . Physical Review B, 2011, 83.	3.2	23
98	Novel Phase Transition Probed by Sound Velocity in Quasi-One-Dimensional Ising-Like Antiferromagnet BaCo ₂ V ₂ O ₈ . Journal of the Physical Society of Japan, 2011, 80, 033701.	3.2	32
99	Low-energy excitations probed by 51V NMR in the multiferroic Ni ₃ V ₂ O ₇ . Journal of Physics: Conference Series, 2010, 200, 012070.	1.6	15
100	Field Induced Lattice Deformation in a Quasi-One-Dimensional Antiferromagnet BaCo ₂ V ₂ O ₈ . Journal of the Physical Society of Japan, 2010, 79, 043706.	0.4	1
101	Syntheses and Characterizations of Cs ₂ Cr ₃ (BP ₄ O ₁₄)(P ₄ O ₁₃) and CsFe(BP ₃ O ₁₁) Compounds with Novel Borophosphate Anionic Partial Structures. Inorganic Chemistry, 2010, 49, 2550-2556.	1.6	5
102	Crystal growth and multiple magnetic transitions of the spin-1 chain system Ni ₂ V ₂ O ₇ . Physical Review B, 2009, 79, 114411.	4.0	29
103	Magnetic properties of a two-dimensional spin-1/2 system BaCuB ₂ O ₅ . Solid State Communications, 2009, 149, 236-238.	3.2	33
104	NMR study of the quasi-one-dimensional compound BaCo ₂ V ₂ O ₈ . Solid State Communications, 2009, 149, 341-344.	1.9	4
105	Magnetic properties of Co ₂ V ₂ O ₇ single crystals grown by flux method. Journal of Solid State Chemistry, 2009, 182, 2526-2529.	1.9	10
106	Synthesis and Magnetic Properties of Ba ₂ Mn ₂ Si ₂ O ₉ : the First Example of $S=2$ Spin-Dimer with Spin-Singlet Ground State. Chemistry - an Asian Journal, 2009, 4, 1530-1535.	2.9	28
107	Co ₂ O ₆ Single Crystals Grown in a Closed Crucible: Unusual Magnetic Behaviors with Large Anisotropy and $S=1/3$ Magnetization Plateau. Journal of the American Chemical Society, 2009, 131, 7554-7555.	3.3	4
108	Co ₂ O ₆ Single Crystals Grown in a Closed Crucible: Unusual Magnetic Behaviors with Large Anisotropy and $S=1/3$ Magnetization Plateau. Journal of the American Chemical Society, 2009, 131, 7554-7555.	13.7	102

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109	Flux growth of \hat{I}^2 -Mn ₂ V ₂ O ₇ single crystals. Journal of Crystal Growth, 2008, 310, 171-173.	1.5	13
110	Magnetic properties of Mn ₂ V ₂ O ₇ single crystals. Journal of Solid State Chemistry, 2008, 181, 235-238.	2.9	25
111	Flux growth and magnetic properties of FeVO ₄ single crystals. Journal of Solid State Chemistry, 2008, 181, 2346-2349.	2.9	42
112	Magnetic properties of a structurally four-spin system SrCo ₂ (PO ₄) ₂ . Solid State Communications, 2008, 147, 24-26.	1.9	12
113	Martensitic-like transition in Mn ₂ V ₂ O ₇ single crystals. Solid State Communications, 2008, 147, 138-140.	1.9	14
114	Quantum Phase Transition in Quasi-One-Dimensional Spin-1 System SrNi ₂ V ₂ O ₈ Induced by Cation Substitution. Journal of the Physical Society of Japan, 2008, 77, 013703.	1.6	15
115	Flux Growth of \hat{I}^2 -Cu ₂ V ₂ O ₇ Single Crystals in a Closed Crucible. Crystal Growth and Design, 2008, 8, 2223-2226.	3.0	10
116	Morphologies of Ni ₃ V ₂ O ₈ Single Crystals. Crystal Growth and Design, 2008, 8, 799-801.	3.0	7
117	Two magnetic orderings and a spin-flop transition in spin-1 system $\text{SrNi}_2\text{V}_2\text{O}_8$. Physical Review B, 2008, 78, .		
118	Paramagnetic anisotropy and spin-flop transition in single crystals of the quasi-one-dimensional system $\text{Cu}_2\text{V}_2\text{O}_8$. Physical Review B, 2008, 78, .	3.2	41
119	Magnon-mediated thermal conductivity in the dimerized spin-gap compound $\text{BaCu}_2\text{V}_2\text{O}_8$. Physical Review B, 2008, 78, .	3.2	4
120	Flux Growth and Magnetic Anomalies of Co ₃ V ₂ O ₈ Crystals. Crystal Growth and Design, 2007, 7, 1055-1057.	3.0	15
121	Magnetic properties of the quasi-one-dimensional system BaMn ₂ V ₂ O ₈ . Solid State Communications, 2007, 141, 22-24.	1.9	32
122	Two magnetic phase transitions in quasi-one-dimensional system SrCo ₂ V ₂ O ₈ . Solid State Communications, 2007, 141, 667-670.	1.9	8
123	Field-induced order-disorder transition in quasi-one-dimensional spin system PbCo ₂ V ₂ O ₈ . Solid State Communications, 2007, 142, 404-406.	1.9	5
124	Synthesis, structure and magnetic properties of new vanadate PbCo ₂ V ₂ O ₈ . Journal of Solid State Chemistry, 2007, 180, 1770-1774.	2.9	16
125	Large magnetic anisotropy in the quasi-one-dimensional system BaCo ₂ V ₂ O ₈ . Applied Physics Letters, 2006, 88, 132504.	3.3	33
126	Magnetic behavior and structural feature of quasi-one-dimensional BaCu ₂ V ₂ O ₈ crystal. Journal of Magnetism and Magnetic Materials, 2006, 306, 277-280.	2.3	5

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127	Long-range antiferromagnetic ordering in $\text{Cu}_2\text{NiB}_2\text{O}_6$. Journal of Solid State Chemistry, 2006, 179, 3937-3941.	2.9	7
128	Growth behavior and surface feature of quasi-one-dimensional anisotropic antiferromagnet $\text{BaCo}_2\text{V}_2\text{O}_8$ crystal. Journal of Crystal Growth, 2006, 289, 734-736.	1.5	8
129	Crystal growth and magnetic properties of $\text{SrCo}_2\text{V}_2\text{O}_8$. Journal of Crystal Growth, 2006, 293, 458-461.	1.5	12
130	Crystal growth of $\text{Ni}_3\text{V}_2\text{O}_8$ by flux method. Journal of Crystal Growth, 2006, 297, 1-3.	1.5	26
131	Antiferromagnetic-paramagnetic transitions in longitudinal and transverse magnetic fields in a $\text{SrCo}_2\text{V}_2\text{O}_8$ crystal. Physical Review B, 2006, 73, .	3.2	37
132	Crystal growth of large spin gap material $\text{BaCu}_2\text{V}_2\text{O}_8$ by top-seeded method. Journal of Crystal Growth, 2005, 274, 486-488.	1.5	10
133	Crystal Growth and Magnetic Properties of $\text{BaCo}_2\text{V}_2\text{O}_8$.. ChemInform, 2005, 36, no.	0.0	0
134	Field-induced order-disorder transition in the quasi-one-dimensional anisotropic antiferromagnet $\text{BaCo}_2\text{V}_2\text{O}_8$. Physical Review B, 2005, 72, .	3.2	81
135	Crystal Growth and Magnetic Properties of $\text{BaCo}_2\text{V}_2\text{O}_8$. Chemistry of Materials, 2005, 17, 2924-2926.	6.7	76
136	$\text{BaCu}_2\text{V}_2\text{O}_8$: Quasi-one-dimensional alternating chain compound with a large spin gap. Physical Review B, 2004, 69, .	3.2	60
137	Spin-glass behavior in the ordered ribbon borate $\text{Cu}_2\text{CoB}_2\text{O}_6$. Physical Review B, 2004, 70, .	3.2	3