

João C Waerenborgh

List of Publications by Year in descending order

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221
papers

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100601

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docs citations

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times ranked

6035
citing authors

#	ARTICLE	IF	CITATIONS
1	The Mössbauer effect using ⁵⁷ Fe-ferrabisdicarbollide ([<i>o</i>]- ⁵⁷ FESAN) ⁺ : a glance into the potential of a low-dose approach for glioblastoma radiotherapy. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1490-1503.	3.0	8
2	Exploiting the Redox Activity of MIL-100(Fe) Carrier Enables Prolonged Carvacrol Antimicrobial Activity. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 10758-10768.	4.0	11
3	Correlation between Supramolecular Connectivity and Magnetic Behaviour of [FeIII(5-X-qsal)2] ⁺ -Based Salts Prone to Exhibit SCO Transition. <i>Magnetochemistry</i> , 2022, 8, 1.	1.0	5
4	The Conformation of the N-Terminal Tails of <i>Deinococcus grandis</i> Dps Is Modulated by the Ionic Strength. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4871.	1.8	5
5	3D-printed platform multi-loaded with bioactive, magnetic nanoparticles and an antibiotic for re-growing bone tissue. <i>International Journal of Pharmaceutics</i> , 2021, 593, 120097.	2.6	19
6	Temperature dependence of desolvation effects in hydrogen-bonded spin crossover complexes. <i>Dalton Transactions</i> , 2021, 50, 2536-2544.	1.6	3
7	On the Dissolution of Metals in Ionic Liquids 1. Iron, Cobalt, Nickel, Copper, and Zinc. <i>Sustainable Chemistry</i> , 2021, 2, 63-73.	2.2	3
8	Structural features and stability of apo- and holo-forms of a simple iron-sulfur protein. <i>European Biophysics Journal</i> , 2021, 50, 561-570.	1.2	4
9	Ionic transport in (La,Sr)CoO _{3-δ} ceramics. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 2777.	1.2	0
10	Heterometallic Titanium-Organic Frameworks as Dual-Metal Catalysts for Synergistic Non-buffered Hydrolysis of Nerve Agent Simulants. <i>CheM</i> , 2020, 6, 3118-3131.	5.8	37
11	Biomimetic Amorphous Titania Nanoparticles as Ultrasound Responding Agents to Improve Cavitation and ROS Production for Sonodynamic Therapy. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8479.	1.3	14
12	Encapsulation of active molecules in pharmaceutical sector: the role of ceramic nanocarriers. , 2020, , 53-83.		0
13	[Co/Fe(\pm -Alkyl-tpdt) ₂] ^{x+} : Alkyl-Substituted Cobalt and Iron Bis-dithiolenethiophenic Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 9261-9269.	1.9	0
14	Fundamental Insights into the Covalent Silane Functionalization of NiFe Layered Double Hydroxides. <i>Chemistry - A European Journal</i> , 2020, 26, 6504-6517.	1.7	12
15	SPIOs Prepared in Air through Improved Synthesis Methodology: The Influence of δ^3 -Fe ₂ O ₃ /Fe ₃ O ₄ Ratio and Coating Composition on Magnetic Properties. <i>Nanomaterials</i> , 2019, 9, 943.	1.9	11
16	Incommensurate crystal structure, thermal expansion study and magnetic properties of (dimethylimidazolium) ₂ [Fe ₂ Cl ₆ ($\frac{1}{4}$ -O)]. <i>JPhys Materials</i> , 2019, 3, 015002.	1.8	0
17	Geochemistry and Fe speciation in active volcanic environments – the case of Fogo Island, Cape Verde. <i>E3S Web of Conferences</i> , 2019, 98, 06009.	0.2	0
18	Hydroboration of terminal olefins with pinacolborane catalyzed by new 2-iminopyrrolyl iron(<i>ii</i>) complexes. <i>Catalysis Science and Technology</i> , 2019, 9, 3347-3360.	2.1	12

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19	Role of Structure and Composition on the Performances of P-Type Tin Oxide Thin-Film Transistors Processed at Low-Temperatures. <i>Nanomaterials</i> , 2019, 9, 320.	1.9	28
20	Naturally occurring radioactive material and risk assessment of tailings of polymetallic and Ra/U mines from legacy sites. <i>Chemosphere</i> , 2019, 223, 171-179.	4.2	10
21	Time degradation of electronic and ionic transport in perovskite-like $\text{La}_{0.5}\text{Ca}_{0.5}\text{FeO}_3$. <i>Materials Letters</i> , 2019, 239, 167-171.	1.3	2
22	Variable Dimensionality, Valence, and Magnetism in Fluoride-Rich Iron Phosphates $\text{Ba}_x\text{Fe}_y(\text{PO}_4)_z$ (1 ≤ x ≤ 3, 2 ≤ y ≤ 10). <i>J. Phys. Chem. C</i> , 2019, 123, 12345-12350.	1.2	10
23	Magnetic and structural correlations in $[\text{Fe}(\text{trien})_2]$ salts: the role of cation-anion interactions in the spin crossover phenomenon. <i>CrystEngComm</i> , 2018, 20, 2465-2475.	1.3	6
24	A highly stable and hierarchical tetrathiafulvalene-based metal-organic framework with improved performance as a solid catalyst. <i>Chemical Science</i> , 2018, 9, 2413-2418.	3.7	50
25	Prussian Blue@ MoS_2 Layer Composites as Highly Efficient Cathodes for Sodium-Ion and Potassium-Ion Batteries. <i>Advanced Functional Materials</i> , 2018, 28, 1706125.	7.8	88
26	Selective Carbon Dioxide Hydrogenation Driven by Ferromagnetic RuFe Nanoparticles in Ionic Liquids. <i>ACS Catalysis</i> , 2018, 8, 1621-1627.	5.5	77
27	Defect formation, ordering, and transport in $\text{SrFe}_{1-x}\text{Si}_x\text{O}_3$ ($x=0.05-0.20$). <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 727-737.	1.2	15
28	Conducting Anilate-Based Mixed-Valence Fe(II)Fe(III) Coordination Polymer: Small-Polaron Hopping Model for Oxalate-Type Fe(II)Fe(III) 2D Networks. <i>Journal of the American Chemical Society</i> , 2018, 140, 12611-12621.	6.6	58
29	Transport and Electrochemical Properties of $\text{SrFe}(\text{Al},\text{Mo})\text{O}_3$. <i>Russian Journal of Electrochemistry</i> , 2018, 54, 514-526.	0.3	3
30	Chemistry of volcanic soils used for agriculture in Brava Island (Cape Verde) envisaging a sustainable management. <i>Journal of African Earth Sciences</i> , 2018, 147, 28-42.	0.9	5
31	Isorecticular two-dimensional magnetic coordination polymers prepared through pre-synthetic ligand functionalization. <i>Nature Chemistry</i> , 2018, 10, 1001-1007.	6.6	94
32	Iron(II) complexes of tris(2-pyridylmethyl)amine (TPMA) and neutral bidentate ligands showing thermal- and photo-induced spin crossover. <i>Dalton Transactions</i> , 2018, 47, 9156-9163.	1.6	8
33	Synthesis, characterization and magnetism of homoleptic bis(5-aryl-2-iminopyrrolyl) complexes of iron(II) and cobalt(II). <i>Polyhedron</i> , 2018, 152, 179-187.	1.0	18
34	Structural and redox effects in iron-doped magnesium aluminosilicates. <i>Journal of Crystal Growth</i> , 2017, 457, 19-23.	0.7	3
35	Grain-boundary states in solid oxide electrolyte ceramics processed using iron oxide sintering aids: a Mössbauer spectroscopy study. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 2965-2974.	1.2	12
36	Volcanic Conduits of the Chã das Caldeiras Caldera (Fogo Island, Cape Verde) - REE and Fe Crystalchemistry. <i>Procedia Earth and Planetary Science</i> , 2017, 17, 928-931.	0.6	3

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37	Spontaneous Magnetization in Heterometallic NiFe-MOF-74 Microporous Magnets by Controlled Iron Doping. <i>Chemistry of Materials</i> , 2017, 29, 6181-6185.	3.2	28
38	Light-induced decarboxylation in a photo-responsive iron-containing complex based on polyoxometalate and oxalato ligands. <i>Chemical Science</i> , 2017, 8, 305-315.	3.7	29
39	Synthesis, structure and physical properties of a low dimensional compound. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 172, 9-13.	2.0	1
40	Extrusive carbonatite outcrops – A source of chemical elements imbalance in topsoils of oceanic volcanic islands. <i>Catena</i> , 2017, 157, 333-343.	2.2	5
41	Spin-crossover complex encapsulation within a magnetic metal-organic framework. <i>Chemical Communications</i> , 2016, 52, 7360-7363.	2.2	39
42	Magnetic properties of binary and ternary mixed metal oxides NiFe ₂ O ₄ and Zn _{0.5} Ni _{0.5} Fe ₂ O ₄ doped with rare earths by sol-gel synthesis. <i>Chemical Papers</i> , 2016, 70, .	1.0	17
43	Dynamically slow solid-to-solid phase transition induced by thermal treatment of DimimFeCl ₄ magnetic ionic liquid. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 21881-21892.	1.3	13
44	Hydrogen-bonded networks of [Fe(bpp) ₂] ²⁺ spin crossover complexes and dicarboxylate anions: structural and photomagnetic properties. <i>Dalton Transactions</i> , 2016, 45, 17918-17928.	1.6	17
45	Iron incorporation into magnesium aluminosilicate glass network under fast laser floating zone processing. <i>Ceramics International</i> , 2016, 42, 2693-2698.	2.3	11
46	Thermal Hysteresis in a Spin-Crossover Fe ^{III} Quinolylsalicylaldimine Complex, Fe ^{III} (5-Br-qsal) ₂ Ni(dmit) ₂ ·solv: Solvent Effects. <i>Inorganic Chemistry</i> , 2015, 54, 1354-1362.	1.9	40
47	Ion transport in dual-phase SrFe _{1-x} Co _x O ₃ (x=0.03-0.10): effects of redox cycling. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 841-849.	1.2	4
48	Easy Excited-State Trapping and Record High τ_{TIESST} in a Spin-Crossover Polyanionic Fe ^{II} Trimer. <i>Journal of the American Chemical Society</i> , 2015, 137, 11924-11927.	6.6	71
49	Synthesis and Structural/Physical Properties of U ₃ Fe ₂ Ge ₇ : A Single-Crystal Study. <i>Inorganic Chemistry</i> , 2015, 54, 9646-9655.	1.9	6
50	Crystal structure and spin crossover behavior of the [Fe(5-Cl-qsal) ₂][Ni(dmit) ₂ ·2CH ₃ CN] complex. <i>Polyhedron</i> , 2015, 85, 643-651.	1.0	14
51	Interplay of Superstructural Ordering and Magnetic Properties of the Sr ₂ FeMoO ₆ Double Perovskite. <i>Science of Advanced Materials</i> , 2015, 7, 446-454.	0.1	12
52	On the crystal structure and physical properties of the UFeSb ₂ compound. <i>Journal of Alloys and Compounds</i> , 2014, 616, 601-606.	2.8	4
53	Crystal structure, oxidation state and magnetism of Sr _x La _{2-x} Cu _{0.5} Ru _{0.5} O ₄ (x=1, 1.5). <i>Journal of Solid State Chemistry</i> , 2014, 211, 1-7.	1.4	3
54	Iron speciation in volcanic topsoils from Fogo island (Cape Verde) – Iron oxide nanoparticles and trace elements concentrations. <i>Catena</i> , 2014, 113, 95-106.	2.2	26

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55	Origin of reddening in a paleosol buried by lava flows in Fogo island (Cape Verde). <i>Journal of African Earth Sciences</i> , 2014, 96, 60-70.	0.9	21
56	Mixed conductivity, thermochemical expansion and electrochemical activity of Fe-substituted (La,Sr)(Cr,Mg)O ₃ for solid oxide fuel cell anodes. <i>Journal of Power Sources</i> , 2014, 249, 483-496.	4.0	14
57	Anion ^π and Halide ^σ Halide Nonbonding Interactions in a New Ionic Liquid Based on Imidazolium Cation with Three-Dimensional Magnetic Ordering in the Solid State. <i>Inorganic Chemistry</i> , 2014, 53, 8384-8396.	1.9	43
58	A novel ternary uranium-based intermetallic U ₃ Fe ₄ xGe ₃ : Structure and physical properties. <i>Journal of Alloys and Compounds</i> , 2014, 606, 154-163.	2.8	6
59	Crystallization of iron-containing Si-Al-Mg-O glasses under laser floating zone conditions. <i>Journal of Alloys and Compounds</i> , 2014, 611, 57-64.	2.8	12
60	Hybrid Magnetic Superconductors Formed by TaS ₂ Layers and Spin Crossover Complexes. <i>Inorganic Chemistry</i> , 2013, 52, 8451-8460.	1.9	17
61	Interplay between Chemical Composition and Cation Ordering in the Magnetism of Ni/Fe Layered Double Hydroxides. <i>Inorganic Chemistry</i> , 2013, 52, 10147-10157.	1.9	50
62	Magnetic structure of Sr ₂ Fe ₂ O ₅ brownmillerite by single-crystal Mössbauer spectroscopy. <i>Journal of Solid State Chemistry</i> , 2013, 205, 5-9.	1.4	9
63	Magnetic, thermal, and transport properties of single-crystalline U ₃ Fe ₄ Ge ₄ . <i>Journal of Alloys and Compounds</i> , 2013, 555, 304-310.	2.8	9
64	Phase separation-promoted ion conduction in SrFe _{0.67} Co _{0.33} O ₃ ceramics. <i>Solid State Ionics</i> , 2013, 244, 17-22.	1.3	11
65	Modeling the Magnetic Properties and Mössbauer Spectra of Multifunctional Magnetic Materials Obtained by Insertion of a Spin-Crossover Fe(III) Complex into Bimetallic Oxalate-Based Ferromagnets. <i>Inorganic Chemistry</i> , 2013, 52, 13536-13545.	1.9	8
66	Sr ₄ Fe ₆ O ₁₂ : Low-temperature Fe ²⁺ Fe ³⁺ Charge Order within Pairs of Edge-Linked Tetrahedra. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4833-4836.	7.2	2
67	Redox stability and electrical conductivity of Fe _{2.3} Mg _{0.7} O ₄ spinel prepared by mechanochemical activation. <i>Journal of the European Ceramic Society</i> , 2013, 33, 1307-1315.	2.8	6
68	Lifting the geometric frustration through a monoclinic distortion in Ca _{1.14} YBaFe ₄ O _{7.0} : Magnetism and transport. <i>Journal of Solid State Chemistry</i> , 2013, 205, 225-235.	1.4	8
69	Crystal structure and electronic properties of the new compound U ₃ Fe ₄ Ge ₄ . <i>Journal of Alloys and Compounds</i> , 2013, 554, 408-413.	2.8	9
70	[Fe(nsal ₂ trien)]SCN, a New Two-Step Iron(III) Spin Crossover Compound, with Symmetry Breaking Spin-State Transition and an Intermediate Ordered State. <i>Inorganic Chemistry</i> , 2013, 52, 3845-3850.	1.9	59
71	Stimuli Responsive Hybrid Magnets: Tuning the Photoinduced Spin-Crossover in Fe(III) Complexes Inserted into Layered Magnets. <i>Journal of the American Chemical Society</i> , 2013, 135, 8655-8667.	6.6	54
72	Magnetic ionic plastic crystal: choline[FeCl ₄]. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 12724.	1.3	23

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73	Synthesis of Sr _{0.9} K _{0.1} FeO ₃ electrocatalysts by mechanical activation. Journal of Solid State Chemistry, 2013, 198, 169-175.	1.4	5
74	Unusual 5f magnetism in the U ₂ Fe ₃ Ge ternary Laves phase: a single crystal study. Journal of Physics Condensed Matter, 2013, 25, 066010.	0.7	10
75	Cubane-Type Mo ₃ FeS ₄ ^{4+,5+} Complexes Containing Outer Diphosphane Ligands: Ligand Substitution Reactions, Spectroscopic Studies, and Electronic Structure. Inorganic Chemistry, 2012, 51, 10512-10521.	1.9	11
76	Oxygen ionic transport in brownmillerite-type Ca ₂ Fe ₂ O ₅ and calcium ferrite-based composites. , 2012, , .		1
77	Redox chemistry and magnetism of LaSrM _{0.5} Ru _{0.5} O ₄ (M = Co, Ni and Zn) Ruddlesden-Popper phases. Dalton Transactions, 2012, 41, 11507.	1.6	12
78	Magnetization, Mössbauer and isothermal dilatometric behavior of oxidized YBa ₄ O ₇ . Dalton Transactions, 2012, 41, 667-678.	1.6	7
79	Metal partitioning in sediments and mineralogical controls on the acid mine drainage in Ribeira da Água Forte (Aljustrel, Iberian Pyrite Belt, Southern Portugal). Applied Geochemistry, 2012, 27, 1063-1080.	1.4	26
80	Redox behavior and transport properties of brownmillerite Ca ₂ (Fe,M) ₂ O ₅ (M = Mn, Co). Solid State Ionics, 2012, 225, 206-210.	1.3	12
81	Thermomechanical, transport and anodic properties of perovskite-type (La _{0.75} Sr _{0.25}) _{0.95} Cr ₁ Fe _{0.05} O ₃ . Journal of Power Sources, 2012, 206, 59-69.	4.0	35
82	Multifunctional Magnetic Materials Obtained by Insertion of Spin-Crossover Fe ^{III} Complexes into Chiral 3D Bimetallic Oxalate-Based Ferromagnets. Inorganic Chemistry, 2011, 50, 9122-9130.	1.9	52
83	Rare earth and other trace and major elemental distribution in a pedogenic calcrete profile (Slimene, Tj ETQq1 1 0.784314 rgBT /Ove	2.2	32
84	Hydrogen absorption and ⁵⁷ Fe Mössbauer effect in UFeGe. Journal of Alloys and Compounds, 2011, 509, 5453-5459.	2.8	8
85	Increase of TC in UFe _{2+x} synthesized by ultrafast cooling. Intermetallics, 2011, 19, 113-120.	1.8	6
86	Surface analysis of mixed-conducting ferrite membranes by the conversion-electron Mössbauer spectroscopy. Journal of Solid State Chemistry, 2011, 184, 2610-2614.	1.4	2
87	Stability, oxygen permeability and chemical expansion of Sr(Fe,Al)O ₃ - and Sr(Co,Fe)O ₃ -based membranes. Solid State Ionics, 2011, 192, 259-268.	1.3	21
88	Surface states and stability of Fe-containing perovskite electrodes for SOFCs/SOECs by conversion-electron Mössbauer spectroscopy. Electrochemistry Communications, 2011, 13, 685-688.	2.3	3
89	Oxygen deficiency, vacancy clustering and ionic transport in (La,Sr)CoO ₃ . Solid State Ionics, 2011, 192, 42-48.	1.3	29
90	Peculiarities of U-based Laves phases. IOP Conference Series: Materials Science and Engineering, 2010, 9, 012090.	0.3	4

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91	Oxygen nonstoichiometry, chemical expansion, mixed conductivity, and anodic behavior of Mo-substituted Sr ₃ Fe ₂ O _{7-δ} . Solid State Ionics, 2010, 181, 1052-1063.	1.3	29
92	Multifunctional Magnetic Materials Obtained by Insertion of a Spin-Crossover Fe ^{III} Complex into Bimetallic Oxalate-Based Ferromagnets. Chemistry - A European Journal, 2010, 16, 2207-2219.	1.7	79
93	Mössbauer spectroscopy and magnetic transition of $\text{La}_{1-x}\text{Sr}_x\text{Fe}_2\text{O}_7$. Physical Review B, 2010, 81, .	1.1	27
94	Soils in the semi-arid area of the El Melah Lagoon (NE Tunisia) – Variability associated with a closing evolution. Catena, 2010, 80, 9-22.	2.2	25
95	Mössbauer spectroscopy analysis of 57Fe-doped YBaCo ₄ O _{7+δ} : Effects of oxygen intercalation. Journal of Solid State Chemistry, 2009, 182, 640-643.	1.4	30
96	X-ray diffraction and Mössbauer effect study of site occupation and magnetic properties in UCu _x Fe _{5-x} Al ₇ (x=2, 3.5) alloys. Physica B: Condensed Matter, 2009, 404, 1102-1111.	1.3	1
97	Defect Interactions in Sr ₃ La(Fe,Al) ₃ O ₁₀ by Computer Simulations and Mössbauer Spectroscopy. Chemistry of Materials, 2009, 21, 5072-5078.	3.2	10
98	Clay minerals and iron oxides-oxyhydroxides as fingerprints of firing effects in a limestone monument. Applied Clay Science, 2009, 42, 629-638.	2.6	25
99	Spin-glass-like behaviour in the ternary U ₃ Fe _{4+x} Al _{12-x} uranium-iron aluminide. Intermetallics, 2009, 17, 25-31.	1.8	10
100	Dynamic susceptibility study of YFe _x Al _{12-x} (4 ≤ x ≤ 5). Journal of Alloys and Compounds, 2009, 477, 23-26.	2.8	1
101	A new hybrid material exhibiting room temperature spin-crossover and ferromagnetic cluster-glass behavior. CrystEngComm, 2009, 11, 2160.	1.3	28
102	Structure and magnetic properties of Ca ₂ Fe _{1-x} Mn _{x} AlO ₅ . Journal of Solid State Chemistry, 2008, 181, 2530-2541.	1.4	10
103	Mixed conductivity, oxygen permeability and redox behavior of K ₂ NiF ₄ -type La ₂ Ni _{0.9} Fe _{0.1} O ₄ . Journal of Solid State Chemistry, 2008, 181, 1425-1433.	1.4	65
104	Evidence of uranium magnetic ordering on U ₂ Fe ₃ Ge. Solid State Communications, 2008, 148, 159-162.	0.9	15
105	Oxygen nonstoichiometry and ionic transport in La ₂ Ni(Fe)O ₄ + δ . Solid State Ionics, 2008, 179, 57-60.	1.3	28
106	Mixed conductivity, Mössbauer spectra and thermal expansion of (La,Sr)(Fe,Ni)O ₃ perovskites. Solid State Ionics, 2008, 179, 2170-2180.	1.3	41
107	New Mo-Fe-O silica supported catalysts for methanol to formaldehyde oxidation. Applied Catalysis A: General, 2008, 345, 185-194.	2.2	20
108	(n-Bu ₄ N)[Fe(cbdt) ₂]: Synthesis, crystal structure and magnetic characterisation of a new FeIII bisdithiolene complex. Inorganica Chimica Acta, 2008, 361, 3836-3841.	1.2	18

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109	Insertion of a Spin Crossover Fe ^{III} Complex into an Oxalate-Based Layered Material: Coexistence of Spin Canting and Spin Crossover in a Hybrid Magnet. <i>Inorganic Chemistry</i> , 2008, 47, 9111-9120.	1.9	59
110	Coexistence of ferromagnetism and cluster-glass behavior in YFe _{5.5} Al _{6.5} and YFe _{5.8} Al _{6.2} . <i>Journal of Alloys and Compounds</i> , 2008, 454, 16-23.	2.8	8
111	¹¹⁹ Sn Mössbauer effect study of U _x Fe ₆ Sn ₆ (x=0, 0.2, 0.4, 0.6). <i>Journal of Alloys and Compounds</i> , 2008, 451, 484-487.	2.8	2
112	Static and dynamic magnetic study of DyFe _x Al _{12-^x} (4 ≤ x ≤ 4.7). <i>Intermetallics</i> , 2008, 16, 1219-1226.	1.8	6
113	Mixed Conductivity and Stability of CaFe ₂ O ₄ . <i>Journal of the Electrochemical Society</i> , 2008, 155, P13.	1.3	19
114	Oxalate-Based Soluble 2D Magnets: The Series [K(18-crown-6)] ₃ [M ^{II}] ₃ (H ₂ O) ₄ {M ^{III} (ox) ₃ } ₃ (M ^{III} = Cr, Fe; M ^{II} = Mn, Fe, Ni, Co, Cu; ox =) <i>J. Electrochem. Soc.</i> 2008, 155, 238-243.	1.0	23
115	Oxygen Nonstoichiometry, Mixed Conductivity, and Mössbauer Spectra of Ln _{0.5} A _{0.5} FeO ₃ (Ln = La, Sm, A = Sr, Ba): Effects of Cation Size. <i>Chemistry of Materials</i> , 2008, 20, 6457-6467.	3.2	98
116	Precipitation of zinc ferrite nanoparticles in the Fe ₂ O ₃ -ZnO-SiO ₂ glass system. <i>Journal of Non-Crystalline Solids</i> , 2007, 353, 2374-2382.	1.5	14
117	Transport and magnetic properties of Ce ₂ NiIn ₃ . <i>Journal of Alloys and Compounds</i> , 2007, 432, 34-38.	2.8	14
118	¹¹⁹ Sn Mössbauer effect study of Dy _x Fe ₆ Sn ₆ (x=0.3, 0.5, 1) compounds. <i>Journal of Alloys and Compounds</i> , 2007, 442, 158-161.	2.8	2
119	Oxygen non-stoichiometry of Ln ₄ Ni _{2.7} Fe _{0.3} O ₁₀ (Ln=La, Pr). <i>Journal of Solid State Chemistry</i> , 2007, 180, 1902-1910.	1.4	17
120	Spin crossover Fell complexes as templates for bimetallic oxalate-based 3D magnets. <i>Polyhedron</i> , 2007, 26, 1838-1844.	1.0	48
121	Oxygen nonstoichiometry, Mössbauer spectra and mixed conductivity of Pr _{0.5} Sr _{0.5} FeO ₃ . <i>Journal of Physics and Chemistry of Solids</i> , 2007, 68, 355-366.	1.9	26
122	Redox behavior and transport properties of La _{0.5-^{2x}} Ce _x Sr _{0.5+x} FeO ₃ and La _{0.5-^{2y}} Sr _{0.5+2y} Fe _{1-^y} Nb _y O ₃ perovskites. <i>Solid State Sciences</i> , 2007, 9, 32-42.	1.5	4
123	Trapping of Anionic Organic Radicals by (Tp) ₂ Ln (Ln = Sm, Eu). <i>Inorganic Chemistry</i> , 2007, 46, 9415-9424.	1.9	36
124	Insertion of iron oxide in calciumsilicate gel-derived materials. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2007, 272, 177-185.	0.7	0
125	Oxygen ionic conductivity, Mössbauer spectra and thermal expansion of CaFe ₂ O ₄ . <i>Solid State Ionics</i> , 2007, 178, 1428-1436.	1.3	30
126	Oxygen non-stoichiometry and defect thermodynamics in La ₂ Ni _{0.9} Fe _{0.1} O ₄ . <i>Journal of Physics and Chemistry of Solids</i> , 2007, 68, 1443-1455.	1.9	33

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127	Magnesium doping on brownmillerite Ca ₂ FeAlO ₅ . Journal of Solid State Chemistry, 2007, 180, 1863-1874.	1.4	15
128	Synthesis, Chirality, and Magnetic Properties of Bimetallic Cyanide-Bridged Two-Dimensional Ferromagnets. Chemistry of Materials, 2006, 18, 2670-2681.	3.2	111
129	Redox behavior of acceptor-doped La(Al,Fe)O ₃ . Journal of Alloys and Compounds, 2006, 413, 244-250.	2.8	1
130	Structural and magnetic properties of UFe ₆ Ga ₆ . Intermetallics, 2006, 14, 530-536.	1.8	2
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