JoÃ£o C Waerenborgh

List of Publications by Year
in descending order

221 papers	4,713 citations	87888 38 h-index	155660 55 g-index
228 all docs	228 docs citations	228 times ranked	5535 citing authors

#	Article	IF	Citations
1	The MÃ¶ssbauer effect using ⁵⁷Fe-ferrabisdicarbollide ([o-⁵⁷FESAN]^{â^'}): a glance into the potential of a low-dose approach for glioblastoma radiotherapy. Inorganic Chemistry Frontiers, 2022, 9, 1490-1503.	6.0	8
2	Exploiting the Redox Activity of MIL-100(Fe) Carrier Enables Prolonged Carvacrol Antimicrobial Activity. ACS Applied Materials & Interfaces, 2022, 14, 10758-10768.	8.0	11
3	Correlation between Supramolecular Connectivity and Magnetic Behaviour of [FeIII(5-X-qsal)2]+-Based Salts Prone to Exhibit SCO Transition. Magnetochemistry, 2022, 8, 1.	2.4	5
4	The Conformation of the N-Terminal Tails of Deinococcus grandis Dps Is Modulated by the Ionic Strength. International Journal of Molecular Sciences, 2022, 23, 4871.	4.1	5
5	3D-printed platform multi-loaded with bioactive, magnetic nanoparticles and an antibiotic for re-growing bone tissue. International Journal of Pharmaceutics, 2021, 593, 120097.	5.2	19
6	Temperature dependence of desolvation effects in hydrogen-bonded spin crossover complexes. Dalton Transactions, 2021, 50, 2536-2544.	3.3	3
7	On the Dissolution of Metals in Ionic Liquids 1. Iron, Cobalt, Nickel, Copper, and Zinc. Sustainable Chemistry, 2021, 2, 63-73.	4.7	3
8	Structural features and stability of apo- and holo-forms of a simple ironâ€“sulfur protein. European Biophysics Journal, 2021, 50, 561-570.	2.2	4
9	Ionic transport in (La,Sr)CoO3-Î´ ceramics. Journal of Solid State Electrochemistry, 2021, 25, 2777.	2.5	0
10	Heterometallic Titanium-Organic Frameworks as Dual-Metal Catalysts for Synergistic Non-buffered Hydrolysis of Nerve Agent Simulants. CheM, 2020, 6, 3118-3131.	11.7	37
11	Biomimetic Amorphous Titania Nanoparticles as Ultrasound Responding Agents to Improve Cavitation and ROS Production for Sonodynamic Therapy. Applied Sciences (Switzerland), 2020, 10, 8479.	2.5	14
12	Encapsulation of active molecules in pharmaceutical sector: the role of ceramic nanocarriers. , 2020, , 53-83.		0
13	[Co/Fe(Î±-Alkyl-tpdt)2]xâ^': Alkyl-Substituted Cobalt and Iron Bis-dithiolenethiophenic Complexes. Inorganic Chemistry, 2020, 59, 9261-9269.	4.0	0
14	Fundamental Insights into the Covalent Silane Functionalization of NiFe Layered Double Hydroxides. Chemistry - A European Journal, 2020, 26, 6504-6517.	3.3	12
15	SPIONs Prepared in Air through Improved Synthesis Methodology: The Influence of Î³-Fe2O3/Fe3O4 Ratio and Coating Composition on Magnetic Properties. Nanomaterials, 2019, 9, 943.	4.1	11
16	Incommensurate crystal structure, thermal expansion study and magnetic properties of (dimethylimidazolium)2[Fe2Cl6(Î¼-O)]. JPhys Materials, 2019, 3, 015002.	4.2	0
17	Geochemistry and Fe speciation in active volcanic environments â€“ the case of Fogo Island, Cape Verde. E3S Web of Conferences, 2019, 98, 06009.	0.5	0
18	Hydroboration of terminal olefins with pinacolborane catalyzed by new 2-iminopyrrolyl iron(<scp>ii</scp>) complexes. Catalysis Science and Technology, 2019, 9, 3347-3360.	4.1	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. Nanomaterials, 2019, 9, 320.	4.1	28
20	Naturally occurring radioactive material and risk assessment of tailings of polymetallic and Ra/U mines from legacy sites. Chemosphere, 2019, 223, 171-179.	8.2	10
21	Time degradation of electronic and ionic transport in perovskite-like La0.5Ca0.5FeO3â^Î´. Materials Letters, 2019, 239, 167-171.	2.6	2
22	Variable Dimensionality, Valence, and Magnetism in Fluoride-Rich Iron Phosphates Ba_xFe_x(PO₄)F_y (1 â‰ x â‰ 3, 2) 4 0 0 rgBT /O	7.4	12
23	Magnetic and structural correlations in [Fe(nsal₂trien)] salts: the role of cationâ€“anion interactions in the spin crossover phenomenon. CrystEngComm, 2018, 20, 2465-2475.	2.6	6
24	A highly stable and hierarchical tetrathiafulvalene-based metalâ€“organic framework with improved performance as a solid catalyst. Chemical Science, 2018, 9, 2413-2418.	7.4	50
25	Prussian Blue@MoS₂ Layer Composites as Highly Efficient Cathodes for Sodiumâ€•and Potassiumâ€•Ion Batteries. Advanced Functional Materials, 2018, 28, 1706125.	14.9	88
26	Selective Carbon Dioxide Hydrogenation Driven by Ferromagnetic RuFe Nanoparticles in Ionic Liquids. ACS Catalysis, 2018, 8, 1621-1627.	11.2	77
27	Defect formation, ordering, and transport in SrFe1â€“x Si x O3â€“Î´ (xÂ=Â0.05â€“0.20). Journal of Solid State Electrochemistry, 2018, 22, 727-737.	2.5	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. Journal of the American Chemical Society, 2018, 140, 12611-12621.	13.7	58
29	Transport and Electrochemical Properties of SrFe(Al,Mo)O3â€“Î´. Russian Journal of Electrochemistry, 2018, 54, 514-526.	0.9	3
30	Chemistry of volcanic soils used for agriculture in Brava Island (Cape Verde) envisaging a sustainable management. Journal of African Earth Sciences, 2018, 147, 28-42.	2.0	5
31	Isoreticular two-dimensional magnetic coordination polymers prepared through pre-synthetic ligand functionalization. Nature Chemistry, 2018, 10, 1001-1007.	13.6	94
32	Iron(<scp>ii</scp>) complexes of tris(2-pyridylmethyl)amine (TPMA) and neutral bidentate ligands showing thermal- and photo-induced spin crossover. Dalton Transactions, 2018, 47, 9156-9163.	3.3	8
33	Synthesis, characterization and magnetism of homoleptic bis(5-aryl-2-iminopyrrolyl) complexes of iron(II) and cobalt(II). Polyhedron, 2018, 152, 179-187.	2.2	18
34	Structural and redox effects in iron-doped magnesium aluminosilicates. Journal of Crystal Growth, 2017, 457, 19-23.	1.5	3
35	Grain-boundary states in solid oxide electrolyte ceramics processed using iron oxide sintering aids: a MÃ¶ssbauer spectroscopy study. Journal of Solid State Electrochemistry, 2017, 21, 2965-2974.	2.5	12
36	Volcanic Conduits of the ChÃ£ das Caldeiras Caldera (Fogo Island, Cape Verde) â€“ REE and Fe Crystalchemistry. Procedia Earth and Planetary Science, 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. Chemistry of Materials, 2017, 29, 6181-6185.	6.7	28
38	Light-induced decarboxylation in a photo-responsive iron-containing complex based on polyoxometalate and oxalato ligands. Chemical Science, 2017, 8, 305-315.	7.4	29
39	Synthesis, structure and physical properties of a low dimensional compound. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 172, 9-13.	3.9	1
40	Extrusive carbonatite outcrops â€“ A source of chemical elements imbalance in topsoils of oceanic volcanic islands. Catena, 2017, 157, 333-343.	5.0	5
41	Spin-crossover complex encapsulation within a magnetic metalâ€“organic framework. Chemical Communications, 2016, 52, 7360-7363.	4.1	39
42	Magnetic properties of binary and ternary mixed metal oxides NiFe2O4 and Zn0.5Ni0.5Fe2O4 doped with rare earths by solâ€”gel synthesis. Chemical Papers, 2016, 70, .	2.2	17
43	Dynamically slow solid-to-solid phase transition induced by thermal treatment of DimimFeCl₄ magnetic ionic liquid. Physical Chemistry Chemical Physics, 2016, 18, 21881-21892.	2.8	13
44	Hydrogen-bonded networks of [Fe(bpp)₂]²⁺spin crossover complexes and dicarboxylate anions: structural and photomagnetic properties. Dalton Transactions, 2016, 45, 17918-17928.	3.3	17
45	Iron incorporation into magnesium aluminosilicate glass network under fast laser floating zone processing. Ceramics International, 2016, 42, 2693-2698.	4.8	11
46	Thermal Hysteresis in a Spin-Crossover Fe^{III} Quinolylsalicylaldimine Complex, Fe^{III}(5-Br-qsal)₂Ni(dmit)₂Â·solv: Solvent Effects. Inorganic Chemistry, 2015, 54, 1354-1362.	4.0	40
47	Ion transport in dual-phase SrFe1â^'xÐ¢Ð°xO3â^'Î´ (xâ€‰=â€‰0.03â€‰â^'â€‰0.10): effects of redox cycling. Journal of Solid State Electrochemistry, 2015, 19, 841-849.	2.5	4
48	Easy Excited-State Trapping and Record High T_{TIESST} in a Spin-Crossover Polyanionic Fe^{II} Trimer. Journal of the American Chemical Society, 2015, 137, 11924-11927.	13.7	71
49	Synthesis and Structural/Physical Properties of U₃Fe₂Ge₇: A Single-Crystal Study. Inorganic Chemistry, 2015, 54, 9646-9655.	4.0	6
50	Crystal structure and spin crossover behavior of the [Fe(5-Cl-qsal)2][Ni(dmit)2]Â·2CH3CN complex. Polyhedron, 2015, 85, 643-651.	2.2	14
51	Interplay of Superstructural Ordering and Magnetic Properties of the Sr₂FeMoO_{6â€“Î´} Double Perovskite. Science of Advanced Materials, 2015, 7, 446-454.	0.7	12
52	On the crystal structure and physical properties of the UFeSb2 compound. Journal of Alloys and Compounds, 2014, 616, 601-606.	5.5	4
53	Crystal structure, oxidation state and magnetism of SrxLa2â^'xCu0.5Ru0.5O4 (x=1, 1.5). Journal of Solid State Chemistry, 2014, 211, 1-7.	2.9	3
54	Iron speciation in volcanic topsoils from Fogo island (Cape Verde) â€” Iron oxide nanoparticles and trace elements concentrations. Catena, 2014, 113, 95-106.	5.0	26

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55	Origin of reddening in a paleosol buried by lava flows in Fogo island (Cape Verde). Journal of African Earth Sciences, 2014, 96, 60-70.	2.0	21
56	Mixed conductivity, thermochemical expansion and electrochemical activity of Fe-substituted (La,Sr)(Cr,Mg)O3â˜ for solid oxide fuel cell anodes. Journal of Power Sources, 2014, 249, 483-496.	7.8	14
57	Anionâ˜Ï€ and Halideâ€“Halide Nonbonding Interactions in a New Ionic Liquid Based on Imidazolium Cation with Three-Dimensional Magnetic Ordering in the Solid State. Inorganic Chemistry, 2014, 53, 8384-8396.	4.0	43
58	A novel ternary uranium-based intermetallic U34Fe4â˜xGe33: Structure and physical properties. Journal of Alloys and Compounds, 2014, 606, 154-163.	5.5	6
59	Crystallization of iron-containing Siâ€“Alâ€“Mgâ€“O glasses under laser floating zone conditions. Journal of Alloys and Compounds, 2014, 611, 57-64.	5.5	12
60	Hybrid Magnetic Superconductors Formed by TaS₂ Layers and Spin Crossover Complexes. Inorganic Chemistry, 2013, 52, 8451-8460.	4.0	17
61	Interplay between Chemical Composition and Cation Ordering in the Magnetism of Ni/Fe Layered Double Hydroxides. Inorganic Chemistry, 2013, 52, 10147-10157.	4.0	50
62	Magnetic structure of Sr2Fe2O5 brownmillerite by single-crystal MÃ¶ssbauer spectroscopy. Journal of Solid State Chemistry, 2013, 205, 5-9.	2.9	9
63	Magnetic, thermal, and transport properties of single-crystalline U3Fe4Ge4. Journal of Alloys and Compounds, 2013, 555, 304-310.	5.5	9
64	Phase separation-promoted ion conduction in SrFe0.67Ð¢Ð°0.33O3â˜Î´ ceramics. Solid State Ionics, 2013, 244, 17-22.	2.7	11
65	Modeling the Magnetic Properties and MÃ¶ssbauer Spectra of Multifunctional Magnetic Materials Obtained by Insertion of a Spin-Crossover Fe(III) Complex into Bimetallic Oxalate-Based Ferromagnets. Inorganic Chemistry, 2013, 52, 13536-13545.	4.0	8
66	Sr₄Fe₆O₁₂: Lowâ€Temperature Fe²⁺â€“Fe³⁺ Charge Order within Pairs of Edgeâ€Linked Tetrahedra. Angewandte Chemie - International Edition, 2013, 52, 4833-4836.	13.8	2
67	Redox stability and electrical conductivity of Fe2.3Mg0.7O4Â±Î´ spinel prepared by mechanochemical activation. Journal of the European Ceramic Society, 2013, 33, 1307-1315.	5.7	6
68	Lifting the geometric frustration through a monoclinic distortion in â€œ114â€•YBaFe4O7.0: Magnetism and transport. Journal of Solid State Chemistry, 2013, 205, 225-235.	2.9	8
69	Crystal structure and electronic properties of the new compound U3Fe4Ge4. Journal of Alloys and Compounds, 2013, 554, 408-413.	5.5	9
70	[Fe(nsal₂trien)]SCN, a New Two-Step Iron(III) Spin Crossover Compound, with Symmetry Breaking Spin-State Transition and an Intermediate Ordered State. Inorganic Chemistry, 2013, 52, 3845-3850.	4.0	59
71	Stimuli Responsive Hybrid Magnets: Tuning the Photoinduced Spin-Crossover in Fe(III) Complexes Inserted into Layered Magnets. Journal of the American Chemical Society, 2013, 135, 8655-8667.	13.7	54
72	Magnetic ionic plastic crystal: choline[FeCl4]. Physical Chemistry Chemical Physics, 2013, 15, 12724.	2.8	23

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73	Synthesis of Sr0.9K0.1FeO3â˜Î´ electrocatalysts by mechanical activation. Journal of Solid State Chemistry, 2013, 198, 169-175.	2.9	5
74	Unusual 5f magnetism in the U2Fe3Ge ternary Laves phase: a single crystal study. Journal of Physics Condensed Matter, 2013, 25, 066010.	1.8	10
75	Cubane-Type Mo₃FeS₄^{4+,5+} Complexes Containing Outer Diphosphane Ligands: Ligand Substitution Reactions, Spectroscopic Studies, and Electronic Structure. Inorganic Chemistry, 2012, 51, 10512-10521.	4.0	11
76	Oxygen ionic transport in brownmillerite-type Ca<inf>2</inf>Fe<inf>2</inf>O<inf>5Â±Î´</inf> and calcium ferrite-based composites. , 2012, , .		1
77	Redox chemistry and magnetism of LaSrM0.5Ru0.5O4Â±Î´ (M = Co, Ni and Zn) Ruddlesdenâ€“Popper phases. Dalton Transactions, 2012, 41, 11507.	3.3	12
78	Magnetization, MÃ¶ssbauer and isothermal dilatometric behavior of oxidized YBa(Co,Fe)₄O₇₊Î´. Dalton Transactions, 2012, 41, 667-678.	3.3	7
79	Metal partitioning in sediments and mineralogical controls on the acid mine drainage in Ribeira da Ãgua Forte (Aljustrel, Iberian Pyrite Belt, Southern Portugal). Applied Geochemistry, 2012, 27, 1063-1080.	3.0	26
80	Redox behavior and transport properties of brownmillerite Ca2(Fe,M)2O5Â±Î´ (M = Mn, Co). Solid State Ionics, 2012, 225, 206-210.	2.7	12
81	Thermomechanical, transport and anodic properties of perovskite-type (La0.75Sr0.25)0.95Cr1â˜'Fe O3â˜'. Journal of Power Sources, 2012, 206, 59-69.	7.8	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.	4.0	52
83	Rare earth and other trace and major elemental distribution in a pedogenic calcrete profile (Slimene,) Tj ETQq1 1 0.784314 rgBT /Ove	5.0	32
84	Hydrogen absorption and 57Fe MÃ¶ssbauer effect in UFeGe. Journal of Alloys and Compounds, 2011, 509, 5453-5459.	5.5	8
85	Increase of TC in UFe2+x synthesized by ultrafast cooling. Intermetallics, 2011, 19, 113-120.	3.9	6
86	Surface analysis of mixed-conducting ferrite membranes by the conversion-electron MÃ¶ssbauer spectroscopy. Journal of Solid State Chemistry, 2011, 184, 2610-2614.	2.9	2
87	Stability, oxygen permeability and chemical expansion of Sr(Fe,Al)O3â˜Î´- and Sr(Co,Fe)O3â˜Î´-based membranes. Solid State Ionics, 2011, 192, 259-268.	2.7	21
88	Surface states and stability of Fe-containing perovskite electrodes for SOFCs/SOECs by conversion-electron MÃ¶ssbauer spectroscopy. Electrochemistry Communications, 2011, 13, 685-688.	4.7	3
89	Oxygen deficiency, vacancy clustering and ionic transport in (La,Sr)CoO3â˜Î´. Solid State Ionics, 2011, 192, 42-48.	2.7	29
90	Peculiarities of U-based Laves phases. IOP Conference Series: Materials Science and Engineering, 2010, 9, 012090.	0.6	4

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91	Oxygen nonstoichiometry, chemical expansion, mixed conductivity, and anodic behavior of Mo-substituted Sr3Fe2O7-Î´. Solid State Ionics, 2010, 181, 1052-1063.	2.7	29
92	Multifunctional Magnetic Materials Obtained by Insertion of a Spinâ€Crossover Fe^{III} Complex into Bimetallic Oxalateâ€Based Ferromagnets. Chemistry - A European Journal, 2010, 16, 2207-2219.	3.3	79
93	MÃ¶ssbauer spectroscopy and magnetic transition of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î»</mml:mi><mml:mtext>â^'</mml:mtext><mml:msub><mml:mrow><mml:mrow><mml:mo>(Physical Review B, 2010, 81, .	3.2	27
94	Soils in the semi-arid area of the El Melah Lagoon (NE Tunisia) â€" Variability associated with a closing evolution. Catena, 2010, 80, 9-22.	5.0	25
95	MÃ¶ssbauer spectroscopy analysis of 57Fe-doped YBaCo4O7+Î´: Effects of oxygen intercalation. Journal of Solid State Chemistry, 2009, 182, 640-643.	2.9	30
96	X-ray diffraction and MÃ¶ssbauer effect study of site occupation and magnetic properties in UCuxFe5â^'xAl7 (x=2, 3.5) alloys. Physica B: Condensed Matter, 2009, 404, 1102-1111.	2.7	1
97	Defect Interactions in Sr3La(Fe,Al)3O10â^'Î´ by Computer Simulations and MÃ¶ssbauer Spectroscopy. Chemistry of Materials, 2009, 21, 5072-5078.	6.7	10
98	Clay minerals and iron oxides-oxyhydroxides as fingerprints of firing effects in a limestone monument. Applied Clay Science, 2009, 42, 629-638.	5.2	25
99	Spin-glass-like behaviour in the ternary U3Fe4+xAl12â^'x uraniumâ€"iron aluminide. Intermetallics, 2009, 17, 25-31.	3.9	10
100	Dynamic susceptibility study of YFexAl12â^'x (4â‰¤xâ‰¤5). Journal of Alloys and Compounds, 2009, 477, 23-26.	5.5	1
101	A new hybrid material exhibiting room temperature spin-crossover and ferromagnetic cluster-glass behavior. CrystEngComm, 2009, 11, 2160.	2.6	28
102	Structure and magnetic properties of Ca2Fe1â^'xMnxAlO5+Î´. Journal of Solid State Chemistry, 2008, 181, 2530-2541.	2.9	10
103	Mixed conductivity, oxygen permeability and redox behavior of K2NiF4-type La2Ni0.9Fe0.1O4+Î´. Journal of Solid State Chemistry, 2008, 181, 1425-1433.	2.9	65
104	Evidence of uranium magnetic ordering on U2Fe3Ge. Solid State Communications, 2008, 148, 159-162.	1.9	15
105	Oxygen nonstoichiometry and ionic transport in La2Ni(Fe)O4 + Î´. Solid State Ionics, 2008, 179, 57-60.	2.7	28
106	Mixed conductivity, MÃ¶ssbauer spectra and thermal expansion of (La,Sr)(Fe,Ni)O3â^'Î´ perovskites. Solid State Ionics, 2008, 179, 2170-2180.	2.7	41
107	New Mo-Fe-O silica supported catalysts for methanol to formaldehyde oxidation. Applied Catalysis A: General, 2008, 345, 185-194.	4.3	20
108	(n-Bu4N)[Fe(cbdt)2]: Synthesis, crystal structure and magnetic characterisation of a new FeIII bisdithiolene complex. Inorganica Chimica Acta, 2008, 361, 3836-3841.	2.4	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. Inorganic Chemistry, 2008, 47, 9111-9120.	4.0	59
110	Coexistence of ferromagnetism and cluster-glass behavior in YFe5.5Al6.5 and YFe5.8Al6.2. Journal of Alloys and Compounds, 2008, 454, 16-23.	5.5	8
111	119Sn MÃ¶ssbauer effect study of UxFe6Sn6 (x=0, 0.2, 0.4, 0.6). Journal of Alloys and Compounds, 2008, 451, 484-487.	5.5	2
112	Static and dynamic magnetic study of DyFexAl12â^'x (4â‰¤xâ‰¤4.7). Intermetallics, 2008, 16, 1219-1226.	3.9	6
113	Mixed Conductivity and Stability of CaFe[sub 2]O[sub 4â^'Î´]. Journal of the Electrochemical Society, 2008, 155, P13.	2.9	19
114	Oxalate-Based Soluble 2D Magnets: The Series [K(18-crown-6)]₃[M^{II}₃(H₂O)₄{M^{III}(ox)₃}<s (M^{III} = Cr, Fe; M^{II} = Mn, Fe, Ni, Co, Cu; ox =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 537 Td (C₂O<	4.0	28
115	Oxygen Nonstoichiometry, Mixed Conductivity, and MÃ¶ssbauer Spectra of Ln_{0.5}A_{0.5}FeO_{3â^'Î´} (Ln = Laâ^'Sm, A = Sr, Ba): Effects of Cation Size. Chemistry of Materials, 2008, 20, 6457-6467.	6.7	98
116	Precipitation of zinc ferrite nanoparticles in the Fe2O3â€“ZnOâ€“SiO2 glass system. Journal of Non-Crystalline Solids, 2007, 353, 2374-2382.	3.1	14
117	Transport and magnetic properties of Ce2NiIn3. Journal of Alloys and Compounds, 2007, 432, 34-38.	5.5	14
118	119Sn MÃ¶ssbauer effect study of DyxFe6Sn6 (x=0.3, 0.5, 1) compounds. Journal of Alloys and Compounds, 2007, 442, 158-161.	5.5	2
119	Oxygen non-stoichiometry of Ln4Ni2.7Fe0.3O10â^'Î´ (Ln=La, Pr). Journal of Solid State Chemistry, 2007, 180, 1902-1910.	2.9	17
120	Spin crossover FeII complexes as templates for bimetallic oxalate-based 3D magnets. Polyhedron, 2007, 26, 1838-1844.	2.2	48
121	Oxygen nonstoichiometry, MÃ¶ssbauer spectra and mixed conductivity of Pr0.5Sr0.5FeO3â^'Î´. Journal of Physics and Chemistry of Solids, 2007, 68, 355-366.	4.0	26
122	Redox behavior and transport properties of La0.5â^'2xCexSr0.5+xFeO3â^'Î´ and La0.5â^'2ySr0.5+2yFe1â^'yNbyO3â^'Î´ perovskites. Solid State Sciences, 2007, 9, 32-42.	3.2	4
123	Trapping of Anionic Organic Radicals by (Tp^{Me2})₂Ln (Ln = Sm, Eu). Inorganic Chemistry, 2007, 46, 9415-9424.	4.0	36
124	Insertion of iron oxide in calciumsilicate gel-derived materials. Journal of Radioanalytical and Nuclear Chemistry, 2007, 272, 177-185.	1.5	0
125	Oxygen ionic conductivity, MÃ¶ssbauer spectra and thermal expansion of CaFe2O4-Î´. Solid State Ionics, 2007, 178, 1428-1436.	2.7	30
126	Oxygen non-stoichiometry and defect thermodynamics in La2Ni0.9Fe0.1O4+Î´. Journal of Physics and Chemistry of Solids, 2007, 68, 1443-1455.	4.0	33

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127	Magnesium doping on brownmillerite Ca2FeAlO5. Journal of Solid State Chemistry, 2007, 180, 1863-1874.	2.9	15
128	Synthesis, Chirality, and Magnetic Properties of Bimetallic Cyanide-Bridged Two-Dimensional Ferromagnets. Chemistry of Materials, 2006, 18, 2670-2681.	6.7	111
129	Redox behavior of acceptor-doped La(Al,Fe)O3â˜Î´. Journal of Alloys and Compounds, 2006, 413, 244-250.	5.5	1
130	Structural and magnetic properties of UFe6Ga6. Intermetallics, 2006, 14, 530-536.	3.9	2
131	Defect formation and transport in mixed-conducting La0.90Sr0.10Al0.85â˜xFexMg0.15O3â˜Î´. Journal of Physics and Chemistry of Solids, 2006, 67, 1882-1887.	4.0	1
132	Mixed conductivity and MÃ¶ssbauer spectra of (La0.5Sr0.5)1â˜xFe1â˜yAlyO3â˜Î´ (x=0â€“0.05, y=0â€“0.30). Journal of Solid State Chemistry, 2006, 179, 1273-1284.	2.9	27
133	Crystal structure and magnetic properties of UFe3Al9. Physica B: Condensed Matter, 2006, 373, 8-15.	2.7	5
134	Ionic conductivity of brownmillerite-type calcium ferrite under oxidizing conditions. Solid State Ionics, 2006, 177, 2923-2930.	2.7	84
135	Magnetic studies on Sr0.8Ce0.1Fe0.7Co0.3O3â˜Î´ perovskite. Solid State Sciences, 2006, 8, 444-449.	3.2	7
136	Effect of Fe site distribution on the magnetic properties of UFe4Al8â˜xGax (.0 and 1.5) and UFexAl12â˜x (). Journal of Magnetism and Magnetic Materials, 2006, 302, 282-289.	2.3	6
137	MÃ¶ssbauer effect studies of RFe11Ti and RFe11TiH (R=Y, Gd, Er). Journal of Magnetism and Magnetic Materials, 2006, 302, 503-510.	2.3	4
138	Untersuchungen zu FarbÃnderungen, hervorgerufen durch WÃrmeeinwirkung an Kalksteinen, die in Baudenkmalen verwendet wurden / Study of Heat Induced Colour Modifications in Limestones used in Monuments. Restoration of Buildings and Monuments, 2005, 11, 199-210.	0.6	1
139	Oxygen ionic and electronic transport in apatite ceramics. Journal of the European Ceramic Society, 2005, 25, 2583-2586.	5.7	48
140	Phase formation and iron oxidation states in SrFe(Al)O3â˜Î´ perovskites. Materials Letters, 2005, 59, 1644-1648.	2.6	45
141	Methane oxidation over perovskite-related ferrites: Effects of oxygen nonstoichiometry. Solid State Sciences, 2005, 7, 1344-1352.	3.2	26
142	Oxalate-Based 3D Chiral Magnets: The Series [ZII(bpy)3][ClO4][MIIFeIII(ox)3] (ZII = Fe, Ru; MII = Mn, Fe; bpy) Tj ETQq0 0 0 rgBT /Overlo	2.0	44
143	Mï¿½ssbauer Spectra and Catalytic Behaviorof Perovskite-like SrFe0.7Al0.3O3-?. Catalysis Letters, 2005, 99, 249-255.	2.6	19
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