Erno Kuzmann

List of Publications by Year
in descending order

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455 papers	4,020 citations	293460 24 h-index	299063 42 g-index
464 all docs	464 docs citations	464 times ranked	3817 citing authors

#	Article	IF	Citations
1	Development of electrically conductive ZrO2-CaO-Fe2O3-V2O5 glass and glass-ceramics as a new cathode active material for Na-ion batteries with high performance. Journal of Alloys and Compounds, 2022, 899, 163309.	2.8	4
2	Successive Grinding and Polishing Effect on the Retained Austenite in the Surface of 42CrMo4 Steel. Metals, 2022, 12, 119.	1.0	0
3	MÃ¶ssbauer study of some novel iron-bis-glyoxime and iron-tris-glyoxime complexes. Hyperfine Interactions, 2022, 243, 1.	0.2	2
4	Magnetic Anisotropy and Microstructure in Electrodeposited Quaternary Sn-Fe-Ni-Co Alloys with Amorphous Character. Materials, 2022, 15, 3015.	1.3	1
5	Change in Magnetic Anisotropy at the Surface and in the Bulk of FINEMET Induced by Swift Heavy Ion Irradiation. Nanomaterials, 2022, 12, 1962.	1.9	2
6	Influence of Cr doping on the structural, magnetic, optical and photocatalytic properties of Î±-Fe2O3 nanorods. Journal of Physics and Chemistry of Solids, 2021, 148, 109699.	1.9	16
7	BjurbÃ¶le L/LL4 ordinary chondrite properties studied by Raman spectroscopy, X-ray diffraction, magnetization measurements and MÃ¶ssbauer spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 248, 119196.	2.0	7
8	Photocatalytic degradation of organic dyes and phenol by iron-silicate glass prepared by the solâ€“gel method. New Journal of Chemistry, 2021, 45, 19019-19031.	1.4	8
9	57Fe MÃ¶ssbauer Spectroscopy as a Tool for Study of Spin States and Magnetic Interactions in Inorganic Chemistry. Molecules, 2021, 26, 1062.	1.7	12
10	One-pot synthesis and properties of Mn-doped maghemite nanoparticles using acetylacetonate precursors. Journal of Radioanalytical and Nuclear Chemistry, 2021, 328, 1181-1187.	0.7	1
11	Influence of low-spin Co3+ for high-spin Fe3+ substitution on the structural, magnetic, optical and catalytic properties of hematite (Î±-Fe2O3) nanorods. Journal of Physics and Chemistry of Solids, 2021, 152, 109929.	1.9	12
12	Structural characterization, electrical and photocatalytic properties of Î±â^'and Î³-Fe2O3 nanoparticles dispersed in iron aluminosilicate glass. Journal of Non-Crystalline Solids, 2021, 561, 120756.	1.5	12
13	Forced hydrolysis of FeCl3 solutions in the presence of Cr3+ ions. Journal of Physics and Chemistry of Solids, 2021, 156, 110166.	1.9	3
14	57Fe-MÃ¶ssbauer and XAFS Studies of Conductive Sodium Phospho-Vanadate Glass as a Cathode Active Material for Na-ion Batteries with Large Capacity. Journal of Non-Crystalline Solids, 2021, 570, 120998.	1.5	9
15	Synthesis, characterization and magnetic properties of Îµ-Fe2O3 nanoparticles prepared by sol-gel method. Journal of Magnetism and Magnetic Materials, 2021, 538, 168264.	1.0	16
16	Unusual temperature dependencies of MÃ¶ssbauer parameters of the nanosized iron cores in ferritin and its pharmaceutical analogues. Hyperfine Interactions, 2021, 242, 1.	0.2	3
17	Diffuse reflectance infrared Fourier transform (DRIFT) and MÃ¶ssbauer spectroscopic study of Azospirillum brasilense Sp7: Evidence for intracellular iron(II) oxidation in bacterial biomass upon lyophilisation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 229, 117970.	2.0	11
18	Photo-Fenton catalytic ability of iron-containing aluminosilicate glass prepared by sol-gel method. Journal of Alloys and Compounds, 2020, 816, 153227.	2.8	12

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19	Structural and magnetic study of the iron cores in iron(III)-polymaltose pharmaceutical ferritin analogue FerrifolÂ®. Journal of Inorganic Biochemistry, 2020, 213, 111202.	1.5	6
20	Structural characterization and magnetic properties of iron-phosphate glass prepared by sol-gel method. Journal of Non-Crystalline Solids, 2020, 543, 120158.	1.5	5
21	Photo-Fenton degradation of methylene blue using hematite-enriched slag under visible light. Journal of Radioanalytical and Nuclear Chemistry, 2020, 325, 537-549.	0.7	16
22	Effect of iron oxide nanoparticles functionalization by citrate analyzed using MÃ¶ssbauer spectroscopy. Hyperfine Interactions, 2020, 241, 1.	0.2	4
23	Hydrolysis of Fe(III) in the presence of mixed anions and promoters. Journal of Radioanalytical and Nuclear Chemistry, 2020, 324, 1293-1302.	0.7	3
24	Study of Bursa L6 ordinary chondrite by Xâ€ray diffraction, magnetization measurements, and MÃ¶ssbauer spectroscopy. Meteoritics and Planetary Science, 2020, 55, 2780-2793.	0.7	5
25	The relationship between local structure and photo-Fenton catalytic ability of glasses and glass-ceramics prepared from Japanese slag. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 751-761.	0.7	9
26	MÃ¶ssbauer and photocatalytic studies of CaFe2O4 nanoparticle-containing aluminosilicate prepared from domestic waste simulated slag. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 1469-1476.	0.7	4
27	Fe microenvironments in heat treated rare-earth exchanged montmorillonites. Hyperfine Interactions, 2019, 240, 1.	0.2	1
28	Denitration of simulated radioactive liquid waste. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 1477-1485.	0.7	4
29	Variability of Chelyabinsk meteoroid stones studied by MÃ¶ssbauer spectroscopy and X-ray diffraction. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 219, 206-224.	2.0	22
30	Characterization of the iron core in FerrifolÂ®, a pharmaceutical analogue of ferritin, using MÃ¶ssbauer spectroscopy and magnetization measurements. Journal of Molecular Structure, 2019, 1183, 281-286.	1.8	4
31	Some Microstructural Properties of Zinc Borosilicate Glass as a Possible Matrix in the Immobilization of Various Wastes. Croatica Chemica Acta, 2019, 92, 429-433.	0.1	0
32	The Iron State in Spleen and Liver Tissues from Patients with Hematological Malignancies Studied Using Magnetization Measurements and MÃ¶ssbauer Spectroscopy. Cell Biochemistry and Biophysics, 2019, 77, 33-46.	0.9	4
33	The effect of preparation conditions on magnetite nanoparticles obtained via chemical co-precipitation. Materials Chemistry and Physics, 2019, 223, 122-132.	2.0	24
34	Washing effect on the structural and magnetic properties of NiFe 2 O 4 nanoparticles synthesized by chemical sol-gel method. Materials Chemistry and Physics, 2018, 213, 295-304.	2.0	23
35	MÃ¶ssbauer spectroscopy control of the preparation of citric- and mandelic acid functionalized nanomagnetites. Hyperfine Interactions, 2018, 239, 1.	0.2	2
36	Improving the visible-light photocatalytic activity of SnOxÂ·SiO2 glass systems by introducing SnOx nanoparticles. Journal of Radioanalytical and Nuclear Chemistry, 2018, 316, 579-586.	0.7	0

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37	Characterization of nanomagnetites co-precipitated in inert gas atmosphere for plant nutrition. Hyperfine Interactions, 2018, 239, 1.	0.2	0
38	Synthesis and properties of 1D manganese-doped hematite particles. Journal of Alloys and Compounds, 2018, 767, 504-511.	2.8	13
39	The effect of carboxylic acids on the oxidation of coated iron oxide nanoparticles. Journal of Nanoparticle Research, 2018, 20, 1.	0.8	6
40	119Sn MÃ¶ssbauer study of Sn-containing radiopharmaceutical kits. Hyperfine Interactions, 2018, 239, 1.	0.2	1
41	The relationship between SnII fraction and visible light activated photocatalytic activity of SnOxÂ·SiO2 glass studied by MÃ¶ssbauer spectroscopy. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 1859-1865.	0.7	3
42	Preparation and structureâ€™s analyses of lanthanide (Ln) -exchanged bentonites. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 522, 287-294.	2.3	9
43	MÃ¶ssbauer and Raman spectroscopic study of oxidation and reduction of iron oxide nanoparticles promoted by various carboxylic acid layers. Journal of Radioanalytical and Nuclear Chemistry, 2017, 312, 111-119.	0.7	7
44	57Fe-MÃ¶ssbauer study and methylene blue decomposing effect of nanoparticle mixtures composed of metallic iron and maghemite. Journal of Alloys and Compounds, 2017, 722, 94-100.	2.8	9
45	Visible-light activated photocatalytic effect of glass and glass ceramic prepared by recycling waste slag with hematite. Pure and Applied Chemistry, 2017, 89, 535-544.	0.9	13
46	Magnetic coupling and relaxation in Fe[N(SiPh2Me)2]2 molecular magnet. Structural Chemistry, 2017, 28, 975-983.	1.0	4
47	Characterization and 10 Be content of iron carbonate concretions for genetic aspects â€“ Weathering, desert varnish or burning: Rim effects in iron carbonate concretions. Journal of Environmental Radioactivity, 2017, 173, 58-69.	0.9	0
48	Thermal-induced magnetic transition in CoFe2O4@ZnO. Journal of Applied Physics, 2017, 122, .	1.1	7
49	MÃ¶ssbauer study of novel iron(II) complexes synthesized with Schiff bases. Hyperfine Interactions, 2017, 238, 1.	0.2	1
50	MÃ¶ssbauer study of biofilms formed along a canal of the GellÃ©rt Hill, Buda Thermal Karst, Hungary. Hyperfine Interactions, 2017, 238, 1.	0.2	0
51	Cobalt(II) complexation with small biomolecules as studied by 57Co emission MÃ¶ssbauer spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 172, 77-82.	2.0	5
52	Different 57Fe microenvironments in the nanosized iron cores in human liver ferritin and its pharmaceutical analogues on the basis of temperature dependent MÃ¶ssbauer spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 172, 14-24.	2.0	14
53	MÃ¶ssbauer and XRD study of novel quaternary Sn-Fe-Co-Ni electroplated alloy. Hyperfine Interactions, 2017, 238, 1.	0.2	2
54	Purification of Water by Ferrites - Mini Review. ACS Symposium Series, 2016, , 137-143.	0.5	8

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55	Superparamagnetic iron oxide nanoparticles (SPIONs) for targeted drug delivery. AIP Conference Proceedings, 2016, , .	0.3	1
56	The effect of peptone on the structure of electrodeposited Sn-Fe binary alloys. Hyperfine Interactions, 2016, 237, 1.	0.2	0
57	Annealed FINEMET ribbons: Structure and magnetic anisotropy as revealed by the high velocity resolution MÃ¶ssbauer spectroscopy. Materials Chemistry and Physics, 2016, 180, 66-74.	2.0	10
58	Magnetic interactions in cubic iron oxide magnetic nanoparticle bound to zeolite. Journal of Magnetism and Magnetic Materials, 2016, 416, 98-102.	1.0	21
59	Study of Chelyabinsk LL5 meteorite fragments with different lithology using MÃ¶ssbauer spectroscopy with a high velocity resolution. Journal of Radioanalytical and Nuclear Chemistry, 2016, 308, 1103-1111.	0.7	18
60	Iron sulfide (troilite) inclusion extracted from Sikhote-Alin iron meteorite: Composition, structure and magnetic properties. Materials Chemistry and Physics, 2016, 174, 100-111.	2.0	14
61	MÃ¶ssbauer study of the effect of rare earth substitution into montmorillonite. Hyperfine Interactions, 2016, 237, 1.	0.2	4
62	Generation of superparamagnetism in metallic Î±-iron by swift heavy ion irradiation. Radiation Physics and Chemistry, 2016, 127, 165-168.	1.4	2
63	Fine structure of gold nanoparticles stabilized by buthyldithiol: Species identified by MÃ¶ssbauer spectroscopy. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 504, 260-266.	2.3	9
64	Iron oxide nanoparticles for plant nutrition? A preliminary MÃ¶ssbauer study. Hyperfine Interactions, 2016, 237, 1.	0.2	7
65	MÃ¶ssbauer study of pH dependence of iron-intercalation in montmorillonite. Hyperfine Interactions, 2016, 237, 1.	0.2	4
66	MÃ¶ssbauer and XRD study of hot dip galvanized alloy. Hyperfine Interactions, 2016, 237, 1.	0.2	0
67	MÃ¶ssbauer and XRD study of Al-Sn linished steel bimetal alloy. Hyperfine Interactions, 2016, 237, 1.	0.2	0
68	MÃ¶ssbauer parameters of ordinary chondrites influenced by the fit accuracy of the troilite component: an example of Chelyabinsk LL5 meteorite. Hyperfine Interactions, 2016, 237, 1.	0.2	24
69	119Sn CEMS study of Sb doped SnO2 film. Hyperfine Interactions, 2016, 237, 1.	0.2	0
70	Goldanskiiâ€“Karyagin effect on hyperalkaline tin(II)-hydroxide. Journal of Radioanalytical and Nuclear Chemistry, 2016, 307, 1195-1201.	0.7	2
71	Structure and magnetism of Feâ€“Co alloy nanoparticles. Journal of Alloys and Compounds, 2016, 674, 153-161.	2.8	27
72	Evidence for ferritin as dominant iron-bearing species in the rhizobacterium Azospirillum brasilense Sp7 provided by low-temperature/in-field MÃ¶ssbauer spectroscopy. Analytical and Bioanalytical Chemistry, 2016, 408, 1565-1571.	1.9	7

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73	Thermal decomposition of barium ferrate(VI): Mechanism and formation of FeIV intermediate and nanocrystalline Fe2O3 and ferrite. Journal of Alloys and Compounds, 2016, 668, 73-79.	2.8	7
74	A relationship between electrical conductivity and structural relaxation of 10SnO₂·10Fe₂O₃·10P<sub>2&l heat-treatment. Journal of the Ceramic Society of Japan, 2015, 123, 121-128.	0.5	5
75	Preparation and characterization of novel [Fe(methylisopropylglyoximato)2(amine)2] mixed chelates. Journal of Radioanalytical and Nuclear Chemistry, 2015, 304, 745-750.	0.7	5
76	Photocatalytic effect and MÃ¶ssbauer study of iron titanium silicate glass prepared by sol-gel method. Hyperfine Interactions, 2015, 232, 51-58.	0.2	3
77	Structural analysis and visible light-activated photocatalytic activity of iron-containing soda lime aluminosilicate glass. Journal of Alloys and Compounds, 2015, 645, 1-6.	2.8	11
78	MÃ¶ssbauer spectroscopic study of iron and cobalt metabolic transformations in cells of the bacterium Azospirillum brasilense Sp7. Bulletin of the Russian Academy of Sciences: Physics, 2015, 79, 1036-1040.	0.1	4
79	Nanofurry magnetic carbon microspheres for separation processes and catalysis: synthesis, phase composition, and properties. Journal of Materials Science, 2015, 50, 7353-7363.	1.7	15
80	Thermal decomposition and reconstruction of CaFe-layered double hydroxide studied by X-ray diffractometry and 57Fe MÃ¶ssbauer spectroscopy. Journal of Molecular Structure, 2015, 1090, 19-24.	1.8	11
81	MÃ¶ssbauer study of the effect of pH on Fe valence in ironâ€“polygalacturonate as a medicine for human anaemia. Radiation Physics and Chemistry, 2015, 107, 195-198.	1.4	16
82	MÃ¶ssbauer, XRD and TEM Study on the Intercalation and the Release of Drugs in/from Layered Double Hydroxides. Croatica Chemica Acta, 2015, 88, 369-376.	0.1	4
83	Magnetic interaction in oxygenated alpha Fe-phthalocyanines. , 2014, , .		1
84	MÃ¶ssbauer study of metallic iron and iron oxide nanoparticles having environmental purifying ability. , 2014, , .		3
85	MÃ¶ssbauer spectroscopy of human liver ferritin and its analogue, Ferrum Lek, in the temperature range of 295-90 K: Comparison within the homogeneous iron core model. , 2014, , .		0
86	Effects of Firing Conditions on the Properties of Calcareous Clay Roofing Tiles. Journal of Materials in Civil Engineering, 2014, 26, 175-183.	1.3	2
87	Visible light activated photo-catalytic effect and local structure of iron silicate glass prepared by sol-gel method. Hyperfine Interactions, 2014, 226, 747-753.	0.2	13
88	Redox interactions between structurally different alkylresorcinols and iron(III) in aqueous media: frozen-solution 57Fe MÃ¶ssbauer spectroscopic studies, redox kinetics and quantum chemical evaluation of the alkylresorcinol reactivities. Structural Chemistry, 2014, 25, 649-657.	1.0	17
89	MÃ¶ssbauer study of biofilms formed at spring caves of Buda Karst, Hungary. Hyperfine Interactions, 2014, 226, 571-577.	0.2	6
90	MÃ¶ssbauer and XRD study of intercalated CaFe-layered double hydroxides. Hyperfine Interactions, 2014, 226, 171-179.	0.2	4

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91	MÃ¶ssbauer spectroscopic study of 57Fe metabolic transformations in the rhizobacterium Azospirillum brasilense Sp245. Hyperfine Interactions, 2014, 226, 415-419.	0.2	7
92	Electrical conductivity and local structure of lithium iron tungsten vanadate glass. Hyperfine Interactions, 2014, 226, 755-763.	0.2	0
93	MÃ¶ssbauer study of novel iron(II)-dioxime complexes with branched alkyl chains. Hyperfine Interactions, 2014, 226, 181-185.	0.2	7
94	MÃ¶ssbauer and XRD study of pulse plated Sn-Fe, Sn-Ni and Sn-Ni-Fe electrodeposited alloys. Hyperfine Interactions, 2014, 226, 15-25.	0.2	6
95	MÃ¶ssbauer study of new vanadate glass with large charge-discharge capacity. Hyperfine Interactions, 2014, 226, 765-770.	0.2	5
96	Local structure and water cleaning ability of iron oxide nanoparticles prepared by hydro-thermal reaction. Hyperfine Interactions, 2014, 226, 489-497.	0.2	1
97	Speciation and structure of tin(<scp>ii</scp>) in hyper-alkaline aqueous solution. Dalton Transactions, 2014, 43, 17971-17979.	1.6	15
98	Ferrihydrite precipitation in groundwater-fed river systems (Nete and Demer river basins, Belgium): Insights from a combined Fe-Zn-Sr-Nd-Pb-isotope study. Chemical Geology, 2014, 386, 1-15.	1.4	16
99	Structure and occurrences of â‰ª green rust â‰« related new minerals of the â‰ª fougÃ©rite â‰« group, trÃ©beurdenite and mÃ¶ssbauerite, belonging to the â‰ª hydrotalcite â‰« supergroup; how MÃ¶ssbauer spectroscopy helps XRD.. Hyperfine Interactions, 2014, 226, 459-482.	0.2	15
100	Visible light activated catalytic effect of iron containing soda-lime silicate glass characterized by 57Fe-MÃ¶ssbauer spectroscopy. Journal of Radioanalytical and Nuclear Chemistry, 2014, 301, 1-7.	0.7	12
101	On the lack of capillary MÃ¶ssbauer spectroscopic effect for SnII-containing aqueous solutions trapped in corning Vycor â€˜thirstyâ€™ glass. Journal of Radioanalytical and Nuclear Chemistry, 2014, 302, 695-700.	0.7	4
102	Anomalous MÃ¶ssbauer line broadening for nanosized hydrous ferric oxide cores in ferritin and its pharmaceutical analogue Ferrum Lek in the temperature range 295â€“90ÂK. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	12
103	Ferromagnetic Coupling in an Fe[C(SiMe₃)₃]₂/Ferrihydrite Heteroâ€Mixture Molecular Magnet. European Journal of Inorganic Chemistry, 2014, 2014, 3178-3183.	1.0	4
104	57Fe MÃ¶ssbauer spectroscopy and electron paramagnetic resonance studies of human liver ferritin, Ferrum Lek and MaltoferÂ®. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 130, 24-36.	2.0	23
105	MÃ¶ssbauerite, Fe₆³⁺O₄(OH)₈[CO₃]Â·3H₂O, the fully oxidized â€˜green rustâ€™ mineral from Mont Saint-Michel Bay, France. Mineralogical Magazine, 2014, 78, 447-465.	0.6	29
106	A comparative study of troilite in bulk ordinary chondrites Farmington L5, Tsarev L5 and Chelyabinsk LL5 using MÃ¶ssbauer spectroscopy with a high velocity resolution. Journal of Molecular Structure, 2014, 1073, 196-201.	1.8	23
107	MÃ¶ssbauer study of the effect of pH on the rate of redox interactions between iron(III) and 4-n-hexylresorcinol in aqueous media. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 722-725.	0.1	2
108	Comparative study of nanosized iron cores in human liver ferritin and its pharmaceutically important models MaltoferÂ® and Ferrum Lek using MÃ¶ssbauer spectroscopy. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 739-744.	0.1	6

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109	Cation distribution and related properties of MnxZn1â^'xFe2O4 spinel nanoparticles. Solid State Sciences, 2013, 24, 90-100.	1.5	21
110	The structure and stability of CaFe layered double hydroxides with various Ca:Fe ratios studied by MÃ¶ssbauer spectroscopy, X-ray diffractometry and microscopic analysis. Journal of Molecular Structure, 2013, 1044, 116-120.	1.8	23
111	MÃ¶ssbauer study of FINEMET with different permeability. Hyperfine Interactions, 2013, 219, 63-67.	0.2	7
112	151Eu MÃ¶ssbauer study of luminescent Y2O3:Eu3â€‰+â€‰ core-shell nanoparticles. Hyperfine Interactions, 2013, 218, 23-28.	0.2	1
113	Electrical conductivity and local structure of lithium tin iron vanadate glass. Hyperfine Interactions, 2013, 219, 141-145.	0.2	6
114	Emission (57Co) MÃ¶ssbauer spectroscopy as a tool for probing speciation and metabolic transformations of cobalt(II) in bacterial cells. Analytical and Bioanalytical Chemistry, 2013, 405, 1921-1927.	1.9	10
115	Effect of swift heavy ion irradiation on the short range order in novel electrodeposited ternary amorphous alloys. Radiation Physics and Chemistry, 2013, 91, 166-169.	1.4	1
116	Enhancement of electrical conductivity and chemical durability of 20R2Oâ€¢10Fe2O3â€¢xWO3â€¢(70â^'x)V2O5 glass (R=Na, K) caused by structural relaxation. Journal of Non-Crystalline Solids, 2013, 378, 227-233.	1.5	12
117	MÃ¶ssbauer spectroscopy of the iron cores in human liver ferritin, ferritin in normal human spleen and ferritin in spleen from patient with primary myelofibrosis: preliminary results of comparative analysis. BioMetals, 2013, 26, 229-239.	1.8	17
118	Water cleaning ability and local structure of iron-containing soda-lime silicate glass. Hyperfine Interactions, 2013, 218, 41-45.	0.2	6
119	MÃ¶ssbauer spectroscopic study of FeII-doped sulphonated poly(ether-urethane)â€"styrene-acrylate copolymer. Hyperfine Interactions, 2013, 218, 67-70.	0.2	1
120	MÃ¶ssbauer and XRD investigations of layered double hydroxides (LDHs) with varying Mg/Fe ratios. Hyperfine Interactions, 2013, 217, 145-149.	0.2	4
121	Decomposition mechanism of methylene blue caused by metallic iron-maghemite mixture. Hyperfine Interactions, 2013, 218, 47-52.	0.2	6
122	MÃ¶ssbauer study of EUROFER and VVER steel reactor materials. Hyperfine Interactions, 2013, 218, 17-21.	0.2	0
123	MÃ¶ssbauer and X-ray study of the firing process for production of improved roofing tiles. Hyperfine Interactions, 2013, 217, 27-35.	0.2	2
124	Galvanostatic chargeâ€"discharge tests, 57Fe and 119Sn MÃ¶ssbauer and XRD measurements on novel Sn-Ni-Fe electrodeposits. Hyperfine Interactions, 2013, 218, 145-150.	0.2	4
125	Effect of the structural change of an ironâ€"iron oxide mixture on the decomposition of trichloroethylene. Journal of Radioanalytical and Nuclear Chemistry, 2013, 295, 23-30.	0.7	6
126	Co2â€‰+â€‰ interaction with Azospirillum brasilense Sp7 cells: a 57Co emission MÃ¶ssbauer spectroscopic study. , 2013, , 387-390.		0

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127	MÃ¶ssbauer study of C18N/Fe Langmuir-Blodgett layers. , 2013, , 235-238.		0
128	MÃ¶ssbauer and X-ray study of the firing process for production of improved roofing tiles. , 2013, , 27-35.		0
129	MÃ¶ssbauer and NMR study of novel Tin(IV)-lactames. , 2013, , 155-159.		0
130	MÃ¶ssbauer study of peroxynitrito complex formation with FeIII-chelates. , 2013, , 165-169.		0
131	MÃ¶ssbauer study of FINEMET type nanocrystalline ribbons irradiated with swift heavy ions. , 2013, , 509-515.		0
132	[sup 57]Fe MoÌˆssbauer study of iron-containing soda-lime silicate glass with COD reducing ability. , 2012, , .		2
133	MoÌˆssbauer, x-ray diffraction, and microscopy investigations of novel electrodeposited amorphous alloys. , 2012, , .		5
134	Structural and luminescence properties of Y2O3:Eu3+ coreâ€“shell nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 405, 6-13.	2.3	17
135	Study of electrodeposition of amorphous Snâ€“Niâ€“Fe ternary alloys from a gluconate based electrolyte. Surface and Coatings Technology, 2012, 211, 184-187.	2.2	14
136	Redox topotactic reactions in Fe IIâ€‰â€”â€‰ III (oxy)hydroxycarbonate new minerals related to fougÃ¨rite in gleysols: â€œtrÃ©beurdenite and mÃ¶ssbaueriteâ€• Hyperfine Interactions, 2012, 204, 71-81.	0.2	15
137	Aspartic acid interaction with cobalt(II) in dilute aqueous solution: A 57Co emission MÃ¶ssbauer spectroscopic study. Hyperfine Interactions, 2012, 206, 101-104.	0.2	1
138	MÃ¶ssbauer study of FINEMET type nanocrystalline ribbons irradiated with swift heavy ions. Hyperfine Interactions, 2012, 207, 73-79.	0.2	9
139	MÃ¶ssbauer study of C18N/Fe Langmuir-Blodgett layers. Hyperfine Interactions, 2012, 205, 87-90.	0.2	0
140	MÃ¶ssbauer study of peroxynitrito complex formation with FeIII-chelates. Hyperfine Interactions, 2012, 205, 17-21.	0.2	0
141	MÃ¶ssbauer study of giant hard magnetic K2Fe3(OH)2(SO4)3(H2O)2. Hyperfine Interactions, 2012, 208, 53-57.	0.2	2
142	MÃ¶ssbauer and NMR study of novel Tin(IV)-lactames. Hyperfine Interactions, 2012, 205, 7-11.	0.2	0
143	Co2â€‰+â€‰ interaction with Azospirillum brasilense Sp7 cells: a 57Co emission MÃ¶ssbauer spectroscopic study. Hyperfine Interactions, 2012, 206, 91-94.	0.2	3
144	Electrochemical behaviour of amorphous electrodeposited chromium coatings. Materials Chemistry and Physics, 2012, 133, 1092-1100.	2.0	28

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145	MÃ¶ssbauer study of novel iron(II) complexes with oximes in low spin and high spin states. Radiation Physics and Chemistry, 2012, 81, 632-634.	1.4	2
146	Thermal treatment on tin(II/IV) oxalate, EDTA and sodium inositol-hexaphospate. Journal of Thermal Analysis and Calorimetry, 2012, 107, 1225-1230.	2.0	6
147	MÃ¶ssbauer and XRD investigations of layered double hydroxides (LDHs) with varying Mg/Fe ratios. , 2012, , 145-149.		0
148	MÃ¶ssbauer spectroscopic study of FeII-doped sulphonated poly(ether-urethane)â€"styrene-acrylate copolymer. , 2012, , 223-226.		0
149	MÃ¶ssbauer study of FINEMET with different permeability. , 2012, , 381-385.		0
150	151Eu MÃ¶ssbauer study of luminescent Y2O3:Eu3â€‰+â€‰ core-shell nanoparticles. , 2012, , 179-184.		0
151	Decomposition mechanism of methylene blue caused by metallic iron-maghemite mixture. , 2012, , 203-208.		0
152	Electrical conductivity and local structure of lithium tin iron vanadate glass. , 2012, , 459-463.		0
153	The influence of the local structure of Fe(III) on the photocatalytic activity of doped TiO2 photocatalystsâ€"An EXAFS, XPS and MÃ¶ssbauer spectroscopic study. Applied Catalysis B: Environmental, 2011, 103, 232-239.	10.8	55
154	Fluence and ion dependence of amorphous iron-phase-formation due to swift heavy ion irradiation in electrodeposited iron thin films. Radiation Physics and Chemistry, 2011, 80, 471-474.	1.4	4
155	Organic derivatives of tin (II/IV): Investigation of their structure. Radiation Physics and Chemistry, 2011, 80, 786-791.	1.4	1
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