

Timothy G St Pierre

List of Publications by Year in descending order

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163
papers

6,725
citations

53794

45
h-index

71685

76
g-index

165
all docs

165
docs citations

165
times ranked

8455
citing authors

#	ARTICLE	IF	CITATIONS
1	Chain Formation of PNIPAM-Coated Magnetic Nanoparticles in an External Magnetic Field and the Effect of Temperature. <i>IEEE Transactions on Magnetics</i> , 2022, 58, 1-5.	2.1	0
2	The Effect of Silica Shell Thickness on Magnetic and Proton Relaxometric Properties: Fe ₃ O ₄ @mSiO ₂ Nanoparticles. <i>IEEE Transactions on Magnetics</i> , 2022, 58, 1-7.	2.1	0
3	Validation of MRI Δ VLF for the non Δ invasive measurement of steatosis in children. <i>GastroHep</i> , 2020, 2, 171-180.	0.6	1
4	Eggs and Magnetism: New Approaches for Schistosomiasis Diagnosis. <i>Trends in Parasitology</i> , 2018, 34, 267-271.	3.3	4
5	Hepatic iron concentration correlates with insulin sensitivity in nonalcoholic fatty liver disease. <i>Hepatology Communications</i> , 2018, 2, 644-653.	4.3	37
6	Exploring Structural and Physical Properties of Schistosome Eggs: Potential Pathways for Novel Diagnostics?. <i>Advances in Parasitology</i> , 2018, 100, 209-237.	3.2	5
7	Study of diagnostic accuracy of Helmintex, Kato-Katz, and POC-CCA methods for diagnosing intestinal schistosomiasis in Candéal, a low intensity transmission area in northeastern Brazil. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006274.	3.0	57
8	Optimization of the Helmintex method for schistosomiasis diagnosis. <i>Experimental Parasitology</i> , 2017, 177, 28-34.	1.2	24
9	Direct correlation of PNIPAM thermal transition and magnetic resonance relaxation of iron oxide nanoparticles. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2335-2340.	5.9	23
10	Baseline Parameters in Clinical Trials for Nonalcoholic Steatohepatitis: Recommendations From the Liver Forum. <i>Gastroenterology</i> , 2017, 153, 621-625.e7.	1.3	24
11	Cardiac iron load and function in transfused patients treated with deferasirox (the <sc>MILE</sc>) Tj ETQq1 1 0.784314 rgBT /Overlo	2.2	8
12	Evaluation of the immunogenicity of <i>Schistosoma mansoni</i> egg surface. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2017, 50, 652-657.	0.9	2
13	Dose Δ Dependent Therapeutic Distinction between Active and Passive Targeting Revealed Using Transferrin Δ Coated PGMA Nanoparticles. <i>Small</i> , 2016, 12, 351-359.	10.0	51
14	An Unexpected Transient Breakdown of the Blood Brain Barrier Triggers Passage of Large Intravenously Administered Nanoparticles. <i>Scientific Reports</i> , 2016, 6, 22595.	3.3	34
15	MRI Measurements of Iron Load in Transfusion-Dependent Patients: Implementation, Challenges, and Pitfalls. <i>Pediatric Blood and Cancer</i> , 2016, 63, 773-780.	1.5	22
16	Functional Reactive Polymer Electrospun Matrix. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 4934-4939.	8.0	24
17	Post-mortem study of the association between cardiac iron and fibrosis in transfusion dependent anaemia. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 36.	3.3	14
18	Agreement Between R2 and R2* Liver Iron Estimates Is Independent of the Type of Iron Removal Therapy: Results from the Twitch Trial. <i>Blood</i> , 2016, 128, 1274-1274.	1.4	3

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19	Stereological Analysis of Liver Biopsy Histology Sections as a Reference Standard for Validating Non-Invasive Liver Fat Fraction Measurements by MRI. PLoS ONE, 2016, 11, e0160789.	2.5	20
20	Liver iron concentration measurements by MRI in chronically transfused children with sickle cell anemia: baseline results from the TWITCH trial. American Journal of Hematology, 2015, 90, 806-810.	4.1	21
21	Hepcidin is suppressed by erythropoiesis in hemoglobin E β^2 -thalassemia and β^2 -thalassemia trait. Blood, 2015, 125, 873-880.	1.4	56
22	Reply. Hepatology, 2015, 62, 1921-1922.	7.3	0
23	Tissue Iron Distribution Assessed by MRI in Patients with Iron Loading Anemias. PLoS ONE, 2015, 10, e0139220.	2.5	11
24	Considerations regarding the micromagnetic resonance relaxometry technique for rapid label-free malaria diagnosis. Nature Medicine, 2015, 21, 1387-1387.	30.7	7
25	Gametocyte Clearance Kinetics Determined by Quantitative Magnetic Fractionation in Melanesian Children with Uncomplicated Malaria Treated with Artemisinin Combination Therapy. Antimicrobial Agents and Chemotherapy, 2015, 59, 4489-4496.	3.2	17
26	Manipulating directional cell motility using intracellular superparamagnetic nanoparticles. Nanoscale, 2015, 7, 4884-4889.	5.6	25
27	The impact of phlebotomy in nonalcoholic fatty liver disease: A prospective, randomized, controlled trial. Hepatology, 2015, 61, 1555-1564.	7.3	89
28	Texture-based classification of liver fibrosis using MRI. Journal of Magnetic Resonance Imaging, 2015, 41, 322-328.	3.4	53
29	The affinity of magnetic microspheres for Schistosoma eggs. International Journal for Parasitology, 2015, 45, 43-50.	3.1	18
30	The influence of NaYF ₄ :Yb,Er size/phase on the multimodality of co-encapsulated magnetic photon-upconverting polymeric nanoparticles. Dalton Transactions, 2014, 43, 16780-16787.	3.3	15
31	Mapping iron in human heart tissue with synchrotron x-ray fluorescence microscopy and cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2014, 16, 80.	3.3	24
32	Labeling of cancer cells with magnetic nanoparticles for magnetic resonance imaging. Magnetic Resonance in Medicine, 2014, 71, 1896-1905.	3.0	13
33	Low prevalence of cardiac siderosis in heavily iron loaded Egyptian thalassemia major patients. Annals of Hematology, 2014, 93, 375-379.	1.8	17
34	Multicenter validation of spin-density projection-assisted R2* MRI for the noninvasive measurement of liver iron concentration. Magnetic Resonance in Medicine, 2014, 71, 2215-2223.	3.0	100
35	Comparison of three methods for detection of gametocytes in Melanesian children treated for uncomplicated malaria. Malaria Journal, 2014, 13, 319.	2.3	15
36	Calibration of myocardial T2 and T1 against iron concentration. Journal of Cardiovascular Magnetic Resonance, 2014, 16, 62.	3.3	36

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37	Toward Design of Magnetic Nanoparticle Clusters Stabilized by Biocompatible Diblock Copolymers for T_2 -Weighted MRI Contrast. <i>Langmuir</i> , 2014, 30, 1580-1587.	3.5	59
38	The effect of magnetically induced linear aggregates on proton transverse relaxation rates of aqueous suspensions of polymer coated magnetic nanoparticles. <i>Nanoscale</i> , 2013, 5, 2152-2163.	5.6	53
39	Continuously manufactured magnetic polymersomes – a versatile tool (not only) for targeted cancer therapy. <i>Nanoscale</i> , 2013, 5, 11385.	5.6	61
40	Magnetic field directed fabrication of conducting polymer nanowires. <i>Chemical Communications</i> , 2013, 49, 7138.	4.1	8
41	Enhancement of the Cell Specific Proton Relaxivities of Human Red Blood Cells via Loading With Gadoteric Acid. <i>IEEE Transactions on Magnetics</i> , 2013, 49, 414-420.	2.1	1
42	The Iron Distribution and Magnetic Properties of Schistosome Eggshells: Implications for Improved Diagnostics. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2219.	3.0	22
43	Diagnostic Performance of a Rapid Magnetic Resonance Imaging Method of Measuring Hepatic Steatosis. <i>PLoS ONE</i> , 2013, 8, e59287.	2.5	10
44	Identification of nonferritin mitochondrial iron deposits in a mouse model of Friedreich ataxia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20590-20595.	7.1	85
45	Methemoglobinemia and ascorbate deficiency in hemoglobin E β^2 thalassemia: metabolic and clinical implications. <i>Blood</i> , 2012, 120, 2939-2944.	1.4	21
46	Renal iron load in sickle cell disease is influenced by severity of haemolysis. <i>British Journal of Haematology</i> , 2012, 157, 599-605.	2.5	23
47	Mathematical Modeling of Malaria Infection with Innate and Adaptive Immunity in Individuals and Agent-Based Communities. <i>PLoS ONE</i> , 2012, 7, e34040.	2.5	26
48	In Vivo Imaging of Tumor Cell Migration. <i>Biophysical Journal</i> , 2011, 100, 143a.	0.5	0
49	Poly(<i>N</i> -isopropylacrylamide)-Coated Superparamagnetic Iron Oxide Nanoparticles: Relaxometric and Fluorescence Behavior Correlate to Temperature-Dependent Aggregation. <i>Chemistry of Materials</i> , 2011, 23, 3348-3356.	6.7	57
50	The effect of polymer coatings on proton transverse relaxivities of aqueous suspensions of magnetic nanoparticles. <i>Nanotechnology</i> , 2011, 22, 325702.	2.6	37
51	The effect of reducing repetition time TR on the measurement of liver R2 for the purpose of measuring liver iron concentration. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 1346-1351.	3.0	15
52	Synthesis of “ready-to-adsorb” polymeric nanoshells for magnetic iron oxide nanoparticles via atom transfer radical polymerization. <i>Polymer</i> , 2011, 52, 1356-1366.	3.8	28
53	Quantification of Plasmodium falciparum Gametocytes by Magnetic Fractionation. <i>American Journal of Tropical Medicine and Hygiene</i> , 2011, 84, 158-160.	1.4	7
54	Nuclear Magnetic Resonance: A Tool for Malaria Diagnosis?. <i>American Journal of Tropical Medicine and Hygiene</i> , 2011, 85, 815-817.	1.4	15

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55	On T2* Magnetic Resonance and Cardiac Iron. <i>Circulation</i> , 2011, 123, 1519-1528.	1.6	381
56	Serum Iron Markers Are Inadequate for Guiding Iron Repletion in Chronic Kidney Disease. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011, 6, 77-83.	4.5	119
57	Relationship Between Total Iron Removed by Phlebotomy and Iron Removed From the Liver in Pediatric Thalassemia Major Patients Following Curative Stem Cell Transplant. <i>Blood</i> , 2011, 118, 5300-5300.	1.4	1
58	A Sub-Microscopic Gametocyte Reservoir Can Sustain Malaria Transmission. <i>PLoS ONE</i> , 2011, 6, e20805.	2.5	65
59	Experimental validation of proton transverse relaxivity models for superparamagnetic nanoparticle MRI contrast agents. <i>Nanotechnology</i> , 2010, 21, 035103.	2.6	81
60	Relationship between brain R_2 and liver and serum Iron concentrations in elderly men. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 275-281.	3.0	33
61	Nanostructure of PEO-polyurethane-PEO triblock copolymer micelles in water. <i>Journal of Colloid and Interface Science</i> , 2010, 344, 81-89.	9.4	10
62	Deformation of a hydrophobic ferrofluid droplet suspended in a viscous medium under uniform magnetic fields. <i>Journal of Fluid Mechanics</i> , 2010, 663, 358-384.	3.4	160
63	Manufacture and Testing of a High Field Gradient Magnetic Fractionation System for Quantitative Detection of Plasmodium falciparum Gametocytes. , 2010, , .		2
64	Loading Erythrocytes with Maghemite Nanoparticles via Osmotic Pressure Induced Cell Membrane Pores. , 2010, , .		1
65	Parameterization of high magnetic field gradient fractionation columns for applications with Plasmodium falciparum infected human erythrocytes. <i>Malaria Journal</i> , 2010, 9, 116.	2.3	15
66	Anti-fouling magnetic nanoparticles for siRNA delivery. <i>Journal of Materials Chemistry</i> , 2010, 20, 255-265.	6.7	123
67	Di[2,6-bis(5-phenylpyrazol-3-yl)pyridine]Co(II): an old coordination mode for a novel supramolecular assembly. <i>CrystEngComm</i> , 2010, 12, 3422.	2.6	10
68	Multifunctional hybrid materials based on transparent poly(methyl methacrylate) reinforced by lanthanoid hydroxo clusters. <i>Dalton Transactions</i> , 2010, 39, 11227.	3.3	22
69	Dietary iron-loaded rat liver haemosiderin and ferritin: <i>in situ</i> measurement of iron core nanoparticle size and cluster structure using anomalous small-angle x-ray scattering. <i>Physics in Medicine and Biology</i> , 2009, 54, 1209-1221.	3.0	8
70	Encapsulation and Sustained Release of Curcumin using Superparamagnetic Silica Reservoirs. <i>Chemistry - A European Journal</i> , 2009, 15, 5661-5665.	3.3	52
71	Magnetic susceptibility of iron in malaria-infected red blood cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2009, 1792, 93-99.	3.8	50
72	A comparative study of a flow-cytometry-based assessment of in vitro Plasmodium falciparum drug sensitivity. <i>Malaria Journal</i> , 2009, 8, 294.	2.3	30

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73	A comparison of the sensitivities of detection of Plasmodium falciparum gametocytes by magnetic fractionation, thick blood film microscopy, and RT-PCR. Malaria Journal, 2009, 8, 98.	2.3	30
74	1.4T study of proton magnetic relaxation rates, iron concentrations, and plaque burden in Alzheimer's disease and control postmortem brain tissue. Magnetic Resonance in Medicine, 2008, 60, 41-52.	3.0	44
75	Stability of Polydimethylsiloxane-Magnetite Nanoparticle Dispersions Against Flocculation: Interparticle Interactions of Polydisperse Materials. Langmuir, 2008, 24, 5060-5069.	3.5	56
76	Size Analysis of PDMS-Magnetite Nanoparticle Complexes: Experiment and Theory. Chemistry of Materials, 2008, 20, 2184-2191.	6.7	47
77	Numerical Modeling of Ferrofluid Droplets in Magnetic Fields. AIP Conference Proceedings, 2008, , .	0.4	4
78	Magnetic energy-barrier distributions for ferrihydrite nanoparticles formed by reconstituting ferritin. Journal of Applied Physics, 2008, 103, 054302.	2.5	9
79	Field-induced motion of ferrofluid droplets through immiscible viscous media. Journal of Fluid Mechanics, 2008, 610, 363-380.	3.4	86
80	The magnetic susceptibilities of iron deposits in thalassaemic spleen tissue. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2007, 1772, 330-337.	3.8	22
81	Structural and magnetic properties of cobalt nanoparticles encased in siliceous shells. Chemistry of Materials, 2007, 19, 6597-6604.	6.7	25
82	Correlation of proton transverse relaxation rates (R2) with iron concentrations in postmortem brain tissue from alzheimer's disease patients. Magnetic Resonance in Medicine, 2007, 57, 172-180.	3.0	94
83	A comparison of methods for the measurement of the particle-size distribution of magnetic nanoparticles. Journal of Applied Crystallography, 2007, 40, s495-s500.	4.5	50
84	Field-induced motion of ferrofluids through immiscible viscous media: Testbed for restorative treatment of retinal detachment. Journal of Magnetism and Magnetic Materials, 2007, 311, 347-353.	2.3	52
85	Structural and Magnetic Properties of Oxidatively Stable Cobalt Nanoparticles Encapsulated in Graphite Shells. Chemistry of Materials, 2006, 18, 2648-2655.	6.7	55
86	Iron K-edge anomalous small-angle X-ray scattering at 15-ID-D at the Advanced Photon Source. Journal of Applied Crystallography, 2006, 40, s402-s407.	4.5	2
87	Clinical expression of C282Y homozygous HFE haemochromatosis at 14 years of age. Annals of Clinical Biochemistry, 2006, 43, 233-236.	1.6	5
88	Non-invasive measurement and imaging of tissue iron oxide nanoparticle concentrations in vivo using proton relaxometry. Journal of Physics: Conference Series, 2005, 17, 122-126.	0.4	3
89	Noninvasive measurement and imaging of liver iron concentrations using proton magnetic resonance. Blood, 2005, 105, 855-861.	1.4	799
90	Measurement and Mapping of Liver Iron Concentrations Using Magnetic Resonance Imaging. Annals of the New York Academy of Sciences, 2005, 1054, 379-385.	3.8	96

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91	Cobalt-silica magnetic nanoparticles with functional surfaces. Journal of Magnetism and Magnetic Materials, 2005, 293, 162-170.	2.3	26
92	Apparent magnetic energy-barrier distribution in FePt nanoparticles. Journal of Magnetism and Magnetic Materials, 2005, 295, 174-176.	2.3	7
93	Liver iron concentration evaluated by two magnetic methods: Magnetic resonance imaging and magnetic susceptometry. Magnetic Resonance in Medicine, 2005, 54, 122-128.	3.0	50
94	Polydimethylsiloxane-magnetite nanoparticle complexes and dispersions in polysiloxane carrier fluids. Polymers for Advanced Technologies, 2005, 16, 200-211.	3.2	52
95	Magnetic properties of artificially synthesized ferritins. Journal of Applied Physics, 2005, 97, 10M524.	2.5	6
96	Duration of Hepatic Iron Exposure Increases the Risk of Significant Fibrosis in Hereditary Hemochromatosis: A New Role for Magnetic Resonance Imaging. American Journal of Gastroenterology, 2005, 100, 837-841.	0.4	82
97	Poly(styrene-b-4-vinylphenoxyphthalonitrile)-Cobalt Complexes and Their Conversion to Oxidatively Stable Cobalt Nanoparticles. Chemistry of Materials, 2005, 17, 5246-5254.	6.7	37
98	Thales: an instrument to measure the low field magnetophoretic mobility of microscopic objects. Journal of Physics: Conference Series, 2005, 17, 181-184.	0.4	1
99	A New Model for Predicting Venesection Therapy Requirements in Hereditary Hemochromatosis Using Non-Invasive Liver Iron Concentration Measurement.. Blood, 2005, 106, 3596-3596.	1.4	2
100	Variability of the Iron Specific Magnetic Susceptibility of Spleen Tissue in β^2 -Thalassemia and β^2 -Thalassemia/Hb E Patients.. Blood, 2005, 106, 3829-3829.	1.4	0
101	Cobalt nanoparticles formed in polysiloxane copolymer micelles: effect of production methods on magnetic properties. Journal Physics D: Applied Physics, 2004, 37, 2475-2482.	2.8	26
102	Experimental determination of LÃ¶vy flight distributions of the energy barriers in spin glasses. Journal of Applied Physics, 2004, 95, 6983-6985.	2.5	4
103	Single spin-echo proton transverse relaxometry of iron-loaded liver. NMR in Biomedicine, 2004, 17, 446-458.	2.8	104
104	Block copolysiloxanes and their complexation with cobalt nanoparticles. Polymer, 2004, 45, 7449-7461.	3.8	29
105	Reduction of respiratory motion artifacts in transverse relaxation rate (R2) images of the liver. Computerized Medical Imaging and Graphics, 2004, 28, 69-76.	5.8	13
106	Non-Invasive Monitoring of Hepatic Iron Concentration during Oral Chelation in Patients with Non-Regularly Transfused β^2 -Thalassemia/Hb E Disease.. Blood, 2004, 104, 3615-3615.	1.4	0
107	Magnetite Nanoparticle Dispersions Stabilized with Triblock Copolymers. Chemistry of Materials, 2003, 15, 1367-1377.	6.7	370
108	Proton transverse relaxation rate (R2) images of iron-loaded liver tissue mapping local tissue iron concentrations with MRI. Magnetic Resonance in Medicine, 2003, 49, 572-575.	3.0	60

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109	Formation of spherical iron(III) oxyhydroxide nanoparticles sterically stabilized by chitosan in aqueous solutions. <i>Journal of Inorganic Biochemistry</i> , 2003, 95, 55-63.	3.5	82
110	A magnetic resonance imaging based method for measurement of tissue iron concentration in liver arterially embolized with ferrimagnetic particles designed for magnetic hyperthermia treatment of tumors. <i>Magnetic Resonance Imaging</i> , 2003, 21, 483-488.	1.8	64
111	Bi-exponential proton transverse relaxation rate (R2) image analysis using RF field intensity-weighted spin density projection: potential for R2 measurement of iron-loaded liver. <i>Magnetic Resonance Imaging</i> , 2003, 21, 519-530.	1.8	53
112	Detection limits for ferrimagnetic particle concentrations using magnetic resonance imaging based proton transverse relaxation rate measurements. <i>Physics in Medicine and Biology</i> , 2003, 48, N89-N95.	3.0	38
113	Arterial embolization hyperthermia: hepatic iron particle distribution and its potential determination by magnetic resonance imaging. <i>Physics in Medicine and Biology</i> , 2002, 47, 1591-1602.	3.0	36
114	Iron in soil kaolins from Indonesia and Western Australia. <i>Clay Minerals</i> , 2002, 37, 671-685.	0.6	14
115	Identifying nanoscale ferrihydrite in Hydrometallurgical residues. <i>Jom</i> , 2002, 54, 40-43.	1.9	17
116	Formation of cobalt nanoparticle dispersions in the presence of polysiloxane block copolymers. <i>Polymer</i> , 2002, 43, 2337-2348.	3.8	67
117	Title is missing!. <i>Hyperfine Interactions</i> , 2002, 144/145, 279-288.	0.5	5
118	Structural and magnetic properties of nanoscale iron oxide particles synthesized in the presence of dextran or polyvinyl alcohol. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 225, 41-46.	2.3	280
119	Proposed biosensors based on time-dependent properties of magnetic fluids. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 225, 156-160.	2.3	148
120	Apparent magnetic energy-barrier distribution in horse-spleen ferritin: Evidence for multiple interacting magnetic entities per ferrihydrite nanoparticle. <i>Physical Review B</i> , 2001, 65, .	3.2	34
121	Changes in paroxysmal brainwave patterns of epileptics by weak-field magnetic stimulation. <i>Bioelectromagnetics</i> , 2000, 21, 94-99.	1.6	37
122	Chemical speciation of iron deposits in thalassemic heart tissue. <i>Inorganica Chimica Acta</i> , 2000, 300-302, 932-936.	2.4	8
123	Quantitative mapping of transverse relaxivity (1/T2) in hepatic iron overload: a single spin-echo imaging methodology. <i>Magnetic Resonance Imaging</i> , 2000, 18, 431-438.	1.8	62
124	Analysis of EEG data from weak-field magnetic stimulation of mesial temporal lobe epilepsy patients11Published on the World Wide Web on 15 May 2000.. <i>Brain Research</i> , 2000, 868, 386-391.	2.2	30
125	Title is missing!. , 2000, 126, 75-81.		10
126	Theoretical evaluation of cell membrane ion channel activation by applied magnetic fields. <i>European Biophysics Journal</i> , 2000, 29, 455-456.	2.2	27

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127	Low-frequency low-field magnetic susceptibility of ferritin and hemosiderin. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2000, 1500, 186-196.	3.8	73
128	Iron biominerals in medicine and the environment. <i>Coordination Chemistry Reviews</i> , 1999, 190-192, 1199-1215.	18.8	17
129	Characterization of dugong liver ferritin. <i>Analytica Chimica Acta</i> , 1999, 393, 235-243.	5.4	6
130	Effects of prolonged iron loading in the rat using both parenteral and dietary routes. <i>BioMetals</i> , 1999, 12, 103-113.	4.1	18
131	Title is missing!. <i>BioMetals</i> , 1999, 12, 73-76.	4.1	3
132	The effect of prolonged iron loading on the chemical form of iron oxide deposits in rat liver and spleen. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1999, 1454, 191-200.	3.8	10
133	Experimental and Theoretical Evaluation of the Interaction of Biogenic Magnetite with Magnetic Fields. , 1999, , 401-404.		0
134	Reductive changes to polynuclear iron(III) clusters in iron-loaded human spleen tissue. <i>Inorganica Chimica Acta</i> , 1998, 267, 7-10.	2.4	1
135	Magnetic interactions in native horse spleen ferritin below the superparamagnetic blocking temperature. <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 177-181, 1459-1460.	2.3	9
136	Multimodal investigation of thermally induced changes in magnetic fabric and magnetic mineralogy. <i>Geophysical Journal International</i> , 1998, 135, 988-998.	2.4	6
137	The form of iron oxide deposits in thalassemic tissues varies between different groups of patients: a comparison between Thai β^0 -thalassemia/hemoglobin E patients and Australian β^0 -thalassemia patients. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1998, 1407, 51-60.	3.8	47
138	The effect of histological processing on the form of iron in iron-loaded human tissues. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1997, 1360, 255-261.	3.8	30
139	A spectroscopic study of thalassemic gallstones. <i>Biospectroscopy</i> , 1997, 3, 409-416.	0.6	10
140	Application of the Ferromagnetic Transduction Model to D.C. and Pulsed Magnetic Fields: Effects on Epileptogenic Tissue and Implications for Cellular Phone Safety. <i>Biochemical and Biophysical Research Communications</i> , 1996, 227, 718-723.	2.1	26
141	Structural Organisation of the Cusps of the Radular Teeth of the Chiton <i>Plaxiphora albida</i> . <i>Acta Zoologica</i> , 1996, 77, 287-294.	0.8	21
142	Synthesis, structure and magnetic properties of ferritin cores with varying composition and degrees of structural order: models for iron oxide deposits in iron-overload diseases. <i>Coordination Chemistry Reviews</i> , 1996, 151, 125-143.	18.8	51
143	The effect of temperature on the radial distribution function for iron in native horse spleen ferritin. <i>Physica B: Condensed Matter</i> , 1995, 208-209, 545-546.	2.7	2
144	Rod-like iron(III) oxyhydroxide particles in iron(III)-polysaccharide solutions. <i>Journal of Inorganic Biochemistry</i> , 1995, 58, 129-138.	3.5	32

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145	Mössbauer spectroscopic study of iron oxide deposits in liver tissue from the marine mammal Dugong dugong. <i>Hyperfine Interactions</i> , 1994, 91, 899-904.	0.5	9
146	Mössbauer spectroscopic study of the forms of iron in normal human liver and spleen tissue. <i>Hyperfine Interactions</i> , 1994, 91, 905-910.	0.5	25
147	The form of iron in pigment gallstones. <i>Hyperfine Interactions</i> , 1994, 91, 911-916.	0.5	6
148	Reaction of hydrogen sulfide with native horse spleen ferritin. <i>Inorganic Chemistry</i> , 1993, 32, 4480-4482.	4.0	8
149	Comparative mineralogy and geochemistry of hydrothermal iron-rich crusts from the Pitcairn, Teahitia, and Macdonald hot spot areas of the S. W. Pacific. <i>Marine Georesources and Geotechnology</i> , 1993, 11, 45-86.	2.1	28
150	Mössbauer Spectra of Soil Kaolins from South-Western Australia. <i>Clays and Clay Minerals</i> , 1992, 40, 341-346.	1.3	21
151	Non-stoichiometric magnetite and maghemite in the mature teeth of the chiton <i>Acanthopleura hirtosa</i> . <i>Hyperfine Interactions</i> , 1992, 71, 1275-1278.	0.5	17
152	Core structures of haemosiderins deposited in various organs in β^2 -thalassaemia/haemoglobin E disease. <i>Hyperfine Interactions</i> , 1992, 71, 1279-1282.	0.5	27
153	A Mössbauer spectroscopic study of the forms of storage iron in the larval and adult stages of the lamprey, <i>Geotria australis</i> . <i>Hyperfine Interactions</i> , 1992, 71, 1283-1286.	0.5	2
154	Organ-specific crystalline structures of ferritin cores in β -thalassaemia/hemoglobin E. <i>Biology of Metals</i> , 1991, 4, 162-165.	1.1	44
155	Biomining of iron: Mössbauer spectroscopy and electron microscopy of ferritin cores from the chiton <i>Acanthopleura hirtosa</i> and the limpet <i>Patella laticostata</i> . <i>Inorganic Chemistry</i> , 1990, 29, 1870-1874.	4.0	39
156	The Use and Potential of Mössbauer Spectroscopy in Studies of Biological Mineralization. , 1989, , 417-444.		3
157	Mössbauer spectroscopic studies of deproteinised, sub-fractionated and reconstituted ferritins: the relationship between haemosiderin and ferritin. <i>BBA - Proteins and Proteomics</i> , 1988, 952, 158-163.	2.1	23
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