

Jack Silver

List of Publications by Year in descending order

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339
papers

6,834
citations

87723

38
h-index

118652

62
g-index

349
all docs

349
docs citations

349
times ranked

5094
citing authors

#	ARTICLE	IF	CITATIONS
1	Raman spectra of carotenoids in natural products. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003, 59, 2207-2212.	2.0	247
2	The Effect of Particle Morphology and Crystallite Size on the Upconversion Luminescence Properties of Erbium and Ytterbium Co-doped Yttrium Oxide Phosphors. <i>Journal of Physical Chemistry B</i> , 2001, 105, 948-953.	1.2	236
3	An excellent cyan-emitting orthosilicate phosphor for NUV-pumped white LED application. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12365-12377.	2.7	203
4	Control of $\text{Y}_2\text{O}_3:\text{Eu}$ Spherical Particle Phosphor Size, Assembly Properties, and Performance for FED and HDTV. <i>Journal of the Electrochemical Society</i> , 1999, 146, 4654-4658.	1.3	180
5	Engineering phosphors for field emission displays. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1999, 17, 750.	1.6	147
6	A New Application for Microgels: A Novel Method for the Synthesis of Spherical Particles of the $\text{Y}_2\text{O}_3:\text{Eu}$ Phosphor Using a Copolymer Microgel of NIPAM and Acrylic Acid. <i>Langmuir</i> , 2001, 17, 7145-7149.	1.6	127
7	The periodontopathogen <i>Porphyromonas gingivalis</i> binds iron protoporphyrin IX in the $\frac{1}{4}$ -oxo dimeric form: an oxidative buffer and possible pathogenic mechanism. <i>Biochemical Journal</i> , 1998, 331, 681-685.	1.7	124
8	The competition between enterobactin and glutathione for iron. <i>Inorganica Chimica Acta</i> , 1982, 66, 13-18.	1.2	95
9	Mössbauer studies on protoporphyrin IX iron(III) solutions. <i>Inorganica Chimica Acta</i> , 1983, 78, 219-224.	1.2	85
10	Model compounds for microbial iron-transport compounds. Part 1. Solution chemistry and Mössbauer study of iron(II) and iron(III) complexes from phenolic and catecholic systems. <i>Journal of the Chemical Society Dalton Transactions</i> , 1981, , 609-622.	1.1	81
11	Molecular materials containing donor and acceptor groups. Synthesis, structure and spectroscopic properties of ferrocenyl Schiff bases. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 2235.	1.1	77
12	Studies on the anti-tumour activity of some iron sandwich compounds. <i>Journal of Organometallic Chemistry</i> , 1991, 418, 107-112.	0.8	72
13	The periodontal pathogen <i>Porphyromonas gingivalis</i> harnesses the chemistry of the $\frac{1}{4}$ -oxo bishaem of iron protoporphyrin IX to protect against hydrogen peroxide. <i>FEMS Microbiology Letters</i> , 2000, 183, 159-164.	0.7	71
14	The iron environment in heme and heme-antimalarial complexes of pharmacological interest. <i>Journal of Inorganic Biochemistry</i> , 1996, 63, 69-77.	1.5	68
15	Cathodoluminescence studies of yttrium silicate:cerium phosphors synthesised by a sol-gel process. <i>Journal of Luminescence</i> , 2002, 97, 229-236.	1.5	63
16	Yttrium Oxide Upconverting Phosphors. 3. Upconversion Luminescent Emission from Europium-Doped Yttrium Oxide under 632.8 nm Light Excitation. <i>Journal of Physical Chemistry B</i> , 2001, 105, 9107-9112.	1.2	58
17	Electrochromism in ytterbium bisphthalocyanine-(stearic acid or cadmium stearate) films deposited by the Langmuir-Blodgett technique. <i>Thin Solid Films</i> , 1989, 179, 387-395.	0.8	57
18	The Synthesis of Fine Particle Yttrium Vanadate Phosphors from Spherical Powder Precursors Using Urea Precipitation. <i>Journal of the Electrochemical Society</i> , 2000, 147, 3944.	1.3	57

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19	Molecular materials for non-linear optics. Second harmonic generation and the crystal and molecular structure of the 4-nitrophenylimine of ferrocenecarboxaldehyde. <i>Inorganica Chimica Acta</i> , 1993, 205, 67-70.	1.2	55
20	Solid-state properties of materials of the type Cs ₄ MX ₆ (where M = Sn or Pb and X = Cl or Br). <i>Journal of the Chemical Society Dalton Transactions</i> , 1983, , 767.	1.1	51
21	Mössbauer studies on ferrocene complexes. <i>Journal of Organometallic Chemistry</i> , 1984, 263, 235-241.	0.8	51
22	Studies of the reactions of ferric iron with glutathione and some related thiols. <i>Inorganica Chimica Acta</i> , 1983, 78, 1-11.	1.2	50
23	A potential iron pharmaceutical composition for the treatment of iron-deficiency anaemia. The crystal and molecular structure of mer-tris-(3-hydroxy-2-methyl-4H-pyran-4-onato)iron(III). <i>Journal of the Chemical Society Dalton Transactions</i> , 1988, , 1159.	1.1	50
24	Effects of the host lattice and doping concentration on the colour of Tb ³⁺ cation emission in Y ₂ O ₃ :Tb ³⁺ and Gd ₂ O ₃ :Tb ³⁺ nanometer sized phosphor particles. <i>Nanoscale</i> , 2013, 5, 8640.	2.8	50
25	Subvalent Group 4B metal alkyls and amides. Part III Mössbauer spectroscopy studies of bis[bis(trimethylsilyl)methyl]tin(II) and its derivatives. <i>Journal of the Chemical Society Dalton Transactions</i> , 1976, , 2286-2290.	1.1	49
26	Mössbauer studies on ferrocene complexes IX. Phosphaferrocenes and their protonated derivatives. <i>Journal of Organometallic Chemistry</i> , 1983, 256, 103-110.	0.8	49
27	Structure, Electrochemistry, and Properties of Bis(ferrocenecarboxylato)(phthalocyaninato)silicon(IV) and Its Implications for (Si(Pc)O) _n Polymer Chemistry. <i>Inorganic Chemistry</i> , 1998, 37, 411-417.	1.9	49
28	Yttrium Oxide Upconverting Phosphors. Part 2: Temperature Dependent Upconversion Luminescence Properties of Erbium in Yttrium Oxide. <i>Journal of Physical Chemistry B</i> , 2001, 105, 7200-7204.	1.2	48
29	The haem pigment of the oral anaerobes <i>Prevotella nigrescens</i> and <i>Prevotella intermedia</i> is composed of iron(III) protoporphyrin IX in the monomeric form. <i>Microbiology (United Kingdom)</i> , 2003, 149, 1711-1718.	0.7	47
30	Model compounds for microbial iron-transport compounds. Part IV. Further solution chemistry and Mössbauer studies on iron(II) and iron(III) catechol complexes. <i>Inorganica Chimica Acta</i> , 1983, 80, 51-56.	1.2	46
31	Mössbauer studies on protoporphyrin IX iron(II) solutions. <i>Inorganica Chimica Acta</i> , 1983, 80, 107-113.	1.2	45
32	MEASUREMENT OF THE RATE OF UPTAKE AND SUBCELLULAR LOCALIZATION OF PORPHYRINS IN CELLS USING FLUORESCENCE DIGITAL IMAGING MICROSCOPY. <i>Photochemistry and Photobiology</i> , 1994, 59, 419-422.	1.3	43
33	Complexes of functionalised phosphine ligands. Part 1. Complexes of Fe(III), Co(III), Ni(II) and Re(V) with tridentate Schiff bases having PNO, NNO and NNS donor sets. Crystal structures of 2-(Ph ₂ PC ₆ H ₄ Ni ⁺ CH)C ₆ H ₄ OH and [Co{2-(Ph ₂ PC ₆ H ₄ CHi ⁺ N)C ₆ H ₄ O}2][PF ₆]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 3553-3562.	1.1	43
34	A combination of both arginine- and lysine-specific gingipain activity of <i>Porphyromonas gingivalis</i> is necessary for the generation of the mu-oxo bishaem-containing pigment from haemoglobin. <i>Biochemical Journal</i> , 2004, 379, 833-840.	1.7	43
35	The chemical mechanism of Î²-haematin formation studied by Mössbauer spectroscopy. <i>Biochemical Journal</i> , 1996, 318, 25-27.	1.7	41
36	A Study of the Effects of Europium Doping and Calcination on the Luminescence of Titania Phosphor Materials. <i>Journal of Physical Chemistry B</i> , 2001, 105, 7170-7177.	1.2	41

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37	On the preparation and Mössbauer properties of some heme peptides of cytochrome c. <i>Journal of Inorganic Biochemistry</i> , 1983, 19, 165-178.	1.5	39
38	Interactions of <i>Porphyromonas gingivalis</i> with oxyhaemoglobin and deoxyhaemoglobin. <i>Biochemical Journal</i> , 2002, 362, 239-245.	1.7	39
39	Effects of the presence of valence-shell non-bonding electron pairs on the properties and structures of caesium tin(II) bromides and of related antimony and tellurium compounds. <i>Journal of the Chemical Society Dalton Transactions</i> , 1975, , 1500.	1.1	38
40	Mössbauer studies on protoporphyrin IX iron(II) frozen solutions containing ligands that cause the iron to be in a five coordinate high spin iron(II) environment. <i>Inorganica Chimica Acta</i> , 1984, 91, 125-128.	1.2	38
41	Mössbauer studies on ferrocene complexes. <i>Journal of Organometallic Chemistry</i> , 1989, 364, 381-389.	0.8	38
42	Probes of Structural and Electronic Environments of Phosphor Activators: Mössbauer and Raman Spectroscopy. <i>Chemical Reviews</i> , 2004, 104, 2833-2856.	23.0	38
43	The purification and Mössbauer parameters of the haem undecapeptide of cytochrome c. <i>Journal of Inorganic Biochemistry</i> , 1980, 13, 75-82.	1.5	37
44	Evidence of iron–mercury bonds in complexes of ferrocene with mercuric chloride from Mössbauer spectroscopy. <i>Journal of Organometallic Chemistry</i> , 1981, 209, 385-391.	0.8	37
45	Studies on the reactions of ferric iron with glutathione and some related thiols. Part III. A study of the iron catalyzed oxidation of glutathione by molecular oxygen. <i>Inorganica Chimica Acta</i> , 1983, 80, 237-244.	1.2	37
46	Mössbauer and spectroscopic studies on substituted tetraphenylporphyrinato iron(III) complexes in aqueous solutions and the formation of the 1/4-oxo-bridged species. <i>Inorganica Chimica Acta</i> , 1987, 138, 205-214.	1.2	37
47	Synthesis, structure, and spectroscopic and electrochromic properties of bis(phthalocyaninato)zirconium(IV). <i>Journal of Materials Chemistry</i> , 1991, 1, 29.	6.7	37
48	Studies on the reactions of ferric iron with glutathione and some related thiols. Part II. Complex formation in the pH range three to seven. <i>Inorganica Chimica Acta</i> , 1983, 80, 115-122.	1.2	36
49	Mössbauer studies on ferrocene complexes. <i>Journal of Organometallic Chemistry</i> , 1986, 303, 397-409.	0.8	36
50	Dielectric and Optical Studies of Sublimed MoOPc Films. <i>Physica Status Solidi A</i> , 1992, 129, 435-441.	1.7	35
51	Low-Coordinate Homoleptic Iron(II) Thiolates Revisited. <i>Inorganic Chemistry</i> , 1997, 36, 747-748.	1.9	35
52	A systematic investigation of the Mössbauer parameters of some intermetallic compounds and electroplated alloys of tin. <i>Journal of Materials Science</i> , 1976, 11, 836-842.	1.7	34
53	Mössbauer and preparative studies of some iron(II) complexes of diphosphines. <i>Journal of the Chemical Society Dalton Transactions</i> , 1988, , 2865-2870.	1.1	34
54	Electrochromism in the transition-metal phthalocyanines. Part 3. Molecular organisation, reorganisation and assembly under the influence of an applied electric field. Response of [Fe(pc)] and [Fe(pc)Cl]. <i>Journal of Materials Chemistry</i> , 1992, 2, 849-855.	6.7	34

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55	Cathodoluminescence and Photoluminescence of YPO_4 : Pr^{3+} , Y_2SiO_5 : Pr^{3+} , YBO_3 : Pr^{3+} , and YPO_4 : Bi^{3+} . ECS Journal of Solid State Science and Technology, 2017, 6, R47-R52.	0.9	34
56	Studies of the bonding in iron(II) cyclopentadienyl and arene sandwich compounds. Part 1. An interpretation of the iron-57 Mössbauer data. Journal of the Chemical Society Dalton Transactions, 1990, , 2181-2184.	1.1	33
57	Mössbauer studies on ferrocene complexes. Journal of Organometallic Chemistry, 1981, 219, 233-239.	0.8	32
58	Studies on the reactions of ferric iron with ascorbic acid. A study of solution chemistry using Mössbauer spectroscopy and stopped-flow techniques. Inorganica Chimica Acta, 1986, 125, 97-106.	1.2	32
59	Qualitative interpretation of Mössbauer data for some [1] ferrocenophanes; Fe-Pd dative bonding in $[(\text{C}_5\text{H}_4)_2\text{FePd}(\text{PPh}_3)]$ and Fe-Hg and Fe-H bonding in ferrocene. Journal of the Chemical Society Dalton Transactions, 1990, , 3513-3516.	1.1	32
60	Studies on gold(I) complexes of 1,1'-bis(diphenylphosphino)ferrocene. Journal of Organometallic Chemistry, 1991, 418, 269-275.	0.8	32
61	Studies of the bonding in iron(II) cyclopentadienyl and arene sandwich compounds. Part 2. Correlations and interpretations of carbon-13 and iron-57 nuclear magnetic resonance and iron-57 Mössbauer data. Journal of the Chemical Society Dalton Transactions, 1991, , 467-470.	1.1	31
62	Electrochromism in the transition-metal phthalocyanines. Part 2. Structural changes in and properties of $[\text{Cr}(\text{pc})]$ and $[\text{Mn}(\text{pc})]$ films. Journal of Materials Chemistry, 1992, 2, 841-847.	6.7	31
63	Novel nano-structured phosphor materials cast from natural Morpho butterfly scales. Journal of Modern Optics, 2005, 52, 999-1007.	0.6	31
64	Mössbauer studies on ferrocene complexes. Journal of Organometallic Chemistry, 1982, 236, 237-244.	0.8	30
65	Siderophore iron-release mechanisms. Journal of the American Chemical Society, 1984, 106, 6983-6987.	6.6	30
66	Enhanced colours and properties in the electrochromic behaviour of mixed rare-earth-element bisphthalocyanines. Displays, 1988, 9, 174-178.	2.0	30
67	The electrochromic behaviour of zirconium diphthalocyanine and molybdenum phthalocyanine oxide. Polyhedron, 1989, 8, 1631-1635.	1.0	30
68	Blue luminescence in yttrium and gadolinium niobates caused by bismuth. The importance of non-bonding ns ² valence orbital electrons. Journal of Materials Chemistry, 1999, 9, 2913-2918.	6.7	30
69	Electrochromism in mixed Langmuir-Blodgett films containing rare earth bisphthalocyanines. Thin Solid Films, 1992, 210-211, 213-215.	0.8	29
70	Electronic conjugation pathways in ferrocenyl Schiff bases. Journal of the Chemical Society Dalton Transactions, 1994, , 747-752.	1.1	28
71	Semiconducting, pyroelectric and chlorine-sensing properties of ytterbium bisphthalocyanine Langmuir-Blodgett thin films. Journal of Materials Chemistry, 1995, 5, 725-729.	6.7	28
72	Mössbauer studies on ferrocene complexes. Journal of Organometallic Chemistry, 1982, 236, 349-358.	0.8	27

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73	Novel Seven Coordination Geometry of Sn(IV): Crystal Structures of Phthalocyaninato Bis(undecylcarboxylato)Sn(IV), Its Si(IV) Analogue, and Phthalocyaninato Bis(chloro)silicon(IV). The Electrochemistry of the Si(IV) Analogue and Related Compounds. <i>Inorganic Chemistry</i> , 2001, 40, 5434-5439.	1.9	27
74	AC powder electroluminescent displays. <i>Journal of the Society for Information Display</i> , 2011, 19, 798-810.	0.8	27
75	Luminescence properties of Li^+ -Ag $_2$ WO $_4$ nanorods co-doped with Li $^+$ and Eu $^{3+}$ cations and their effects on its structure. <i>Journal of Luminescence</i> , 2019, 206, 442-454.	1.5	27
76	Interactions of <i>Porphyromonas gingivalis</i> with oxyhaemoglobin and deoxyhaemoglobin. <i>Biochemical Journal</i> , 2002, 362, 239.	1.7	27
77	Phases obtained from the frozen molten systems caesium-tin halide and caesium-lead halide. <i>Journal of the Chemical Society Dalton Transactions</i> , 1973, , 1985-1988.	1.1	26
78	Effects of the nature of the nitrogen donor atom (sp 2 versus sp 3) upon the properties and chemistry of palladated complexes with $\text{f}(\text{Pd}(\text{Csp}^2, \text{ferrocene}))$ bonds. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 3039-3046.	1.1	26
79	Sound transmission testing of polymer compounds. <i>Polymer Testing</i> , 2012, 31, 312-321.	2.3	25
80	Studies on copper-protoporphyrin-iron(III) complexes. A possible model for cytochrome c oxidase. <i>Journal of the Chemical Society Dalton Transactions</i> , 1982, , 1035-1040.	1.1	24
81	Conductometric studies on protoporphyrin IX-iron(III) alkali metal solutions. Evidence for the alkali metals binding to the protoporphyrin IX-iron(III) moiety. <i>Inorganica Chimica Acta</i> , 1983, 80, 245-250.	1.2	24
82	Complexes of diphosphaferrocenes with Lewis acids and Cu(I), Ag(I) salts. <i>Inorganica Chimica Acta</i> , 1986, 119, 165-169.	1.2	24
83	A Novel Method for the Synthesis of ZnS for Use in the Preparation of Phosphors for CRT Devices. <i>Journal of the Electrochemical Society</i> , 2001, 148, H143.	1.3	24
84	The Mössbauer effect in tin(II) compounds. Part XIII. Data for the products from molten caesium-tin(II) halide systems. <i>Journal of the Chemical Society Dalton Transactions</i> , 1973, , 666-669.	1.1	23
85	Alkyne insertions into the $\text{f}(\text{Pd}(\text{C}(\text{sp}^2, \text{ferrocene})))$ bond of cyclopalladated complexes containing Schiff bases derived from ferrocene. Crystal structures of $[\text{Pd}\{[(\text{EtC}(\text{C}(\text{Et})_2)(\text{f}-5\text{-C}_5\text{H}_3\text{CR}(\text{f}-\text{NCH}_2\text{Ph}))]\text{Fe}(\text{f}-5\text{-C}_5\text{H}_5)\}\text{Cl}](\text{R})\text{fTj ETQq1 230.784}$		
86	A Novel Method for the Preparation of Inorganic Sulfides and Selenides. I. Binary Materials and Group II-VI Phosphors. <i>Journal of the Electrochemical Society</i> , 2000, 147, 765.	1.3	23
87	Crystal Structure of Bis(4-methylimidazole)tetraphenylporphyrinatoiron(III) Chloride and Related Compounds. Correlation of Ground State with Fe-N Bond Lengths. <i>Inorganic Chemistry</i> , 2000, 39, 2874-2881.	1.9	23
88	Synthesis and X-ray Structures of Tin(IV) and Lead(II) Complexes with Heterocyclic Thiones. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 678-686.	1.0	23
89	Photonic phosphors based on cubic Y $_2$ O $_3$:Tb $^{3+}$ infilled into a synthetic opal lattice. <i>Journal of Optics</i> , 2003, 5, S81-S85.	1.5	23
90	Light-emitting nanocasts formed from bio-templates: FESEM and cathodoluminescent imaging studies of butterfly scale replicas. <i>Nanotechnology</i> , 2008, 19, 095302.	1.3	23

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91	Studies on the binding of nitrogenous bases to protoporphyrin IX iron(II) in aqueous solution at high pH values. Part I. Pyridine and imidazole ligands. <i>Inorganica Chimica Acta</i> , 1990, 176, 307-316.	1.2	22
92	Cathodoluminescence of Nanocrystalline $Y_2O_3:Eu^{3+}$ with Various Eu^{3+} Concentrations. <i>ECS Journal of Solid State Science and Technology</i> , 2015, 4, R1-R9.	0.9	22
93	Ultraviolet and blue cathodoluminescence from cubic Y_2O_3 and $Y_2O_3:Eu^{3+}$ generated in a transmission electron microscope. <i>Journal of Materials Chemistry C</i> , 2016, 4, 7026-7034.	2.7	22
94	High symmetry environments in compounds of elements with the ns ² -outer-electronic configuration. <i>Inorganic and Nuclear Chemistry Letters</i> , 1974, 10, 537-540.	0.7	21
95	Studies on metal–protoporphyrin–iron(III) complexes. <i>Inorganica Chimica Acta</i> , 1983, 78, 205-210.	1.2	21
96	Up-conversion emission phosphors based on doped silica glass ceramics prepared by sol-gel methods: control of silica glass ceramics containing anatase and rutile crystallites. <i>Journal of Materials Chemistry</i> , 2001, 11, 1447-1451.	6.7	21
97	Contrasting behaviour of the co-activators in the luminescence spectra of $Y_2O_3:Sb^{3+}, Er^{3+}$ nanometre sized particles under UV and red light excitation. <i>Nanoscale</i> , 2013, 5, 1091-1096.	2.8	21
98	Mössbauer and NMR spectroscopic studies of diphosphaferrocene in trifluoromethanesulphonic (triflic) acid. <i>Inorganica Chimica Acta</i> , 1986, 119, 1-5.	1.2	20
99	Ferrocenyl ligands. In search of redox-active ferrocenyl ligands. The preparation and characterization of two schiff's base derivatives of 1,1'-bi-2-naphthol. <i>Polyhedron</i> , 1990, 9, 2751-2757.	1.0	20
100	Electrochromism in titanyl and vanadyl phthalocyanine thin films. <i>Journal of Materials Chemistry</i> , 1991, 1, 881.	6.7	20
101	Synthesis and characterization of some novel pentagonal bipyramidal 2,6-diacetylpyridine bis(benzoylhydrazone) (DAPBH ₂) complexes of Rhenium(III) and molybdenum crystal and molecular structure of [ReCl(DAPB)(PPh ₃)]. An investigation of the Mössbauer spectroscopy of [FeIICl ₂ (DAPBH ₂)]·H ₂ O and [FeIIICl(DAP-Me-B)(H ₂ O)]. <i>Polyhedron</i> , 1993, 12, 2297-2305.	1.0	20
102	Fine Control of the Dopant Level in Cubic $Y_2O_3:Eu^{3+}$ Phosphors. <i>Journal of the Electrochemical Society</i> , 2004, 151, H66.	1.3	20
103	Identification of iron (II) enterobactin and its possible role in <i>Escherichia coli</i> iron transport. <i>FEBS Letters</i> , 1979, 102, 325-328.	1.3	19
104	Mössbauer studies on ferrocene complexes. <i>Journal of Organometallic Chemistry</i> , 1983, 243, 461-467.	0.8	19
105	Mössbauer studies on protoporphyrin IX iron(II) solutions containing sulphur ligands and their carbonyl adducts. Models for the active site of cytochromes P-450. <i>Inorganica Chimica Acta</i> , 1984, 91, 279-283.	1.2	19
106	Studies of the reactions of ferric iron with glutathione and some related thiols. Part V. Solid complexes containing FeII and glutathione or FeIII with oxidized glutathione. <i>Inorganica Chimica Acta</i> , 1985, 107, 169-178.	1.2	19
107	⁵⁷ Fe Mössbauer spectroscopic studies on M(CO) ₅ (azaferrocene) complexes (M = Cr, Mo, W). The crystal structures of W(CO) ₅ (azaferrocene) and W(CO) ₅ (2,5-dimethylazaferrocene). <i>Journal of Organometallic Chemistry</i> , 1997, 540, 169-174.	0.8	19
108	Facile Self-Assembly of Yttrium Oxide Europium Phosphor from Solution Using a Sacrificial Micellar Phase. <i>Electrochemical and Solid-State Letters</i> , 1999, 2, 52.	2.2	19

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109	A Method for the Clean Syntheses of Sulfides/Selenides II. Ternary Sulfides/Selenides. Journal of the Electrochemical Society, 2001, 148, D89.	1.3	19
110	Synthesis and nonlinear optical properties of a range of 1-ferrocenyl(2-(4-alkyl)pyridiniumyl)ethylene iodides. Journal of Organometallic Chemistry, 2001, 631, 59-66.	0.8	19
111	Mössbauer studies on tetra(p-sulphophenyl)porphine iron(III) solutions. Inorganica Chimica Acta, 1984, 92, 259-263.	1.2	18
112	Studies on the reactions of ferric iron with glutathione and some related thiols. Part IV. A study of the reaction of glutathione with protoporphyrin IX iron(III). Inorganica Chimica Acta, 1985, 106, 7-12.	1.2	18
113	Mössbauer spectroscopic studies on concentrated protoporphyrin IX iron(II) solutions. Inorganica Chimica Acta, 1987, 135, 151-153.	1.2	18
114	Yttrium Oxide Upconverting Phosphors. Part 4: Upconversion Luminescent Emission from Thulium-Doped Yttrium Oxide under 632.8-nm Light Excitation. Journal of Physical Chemistry B, 2003, 107, 1548-1553.	1.2	18
115	A study of the binding of the biologically important hematin molecule to a novel imidazole containing poly(N-isopropylacrylamide) microgel. Reactive and Functional Polymers, 2004, 58, 165-173.	2.0	18
116	Studies on tellurium-carbon bonded compounds. Journal of Organometallic Chemistry, 1977, 125, 125-139.	0.8	17
117	Mössbauer studies on ferrocene complexes X. Steric and polar factors in ferrocenyl ketones and carbenium ions. Journal of Organometallic Chemistry, 1984, 260, 319-329.	0.8	17
118	On the nature of protoporphyrin(IX) iron(III) in aqueous solution at and below the pH of precipitation. Inorganica Chimica Acta, 1988, 153, 133-134.	1.2	17
119	Lattice effects in the Mössbauer spectra of salts of $[\text{Fe}_4\text{S}_4(\text{SBut})_4]^{2+}$. Crystal structures of $[\text{NMe}_4]_2[\text{Fe}_4\text{S}_4(\text{SBut})_4] \cdot \text{HSBut}$ and $[\text{N}(\text{n-C}_5\text{H}_{11})_4]_2[\text{Fe}_4\text{S}_4(\text{SBut})_4] \cdot \text{HSBut}$. Journal of the Chemical Society Dalton Transactions, 1990, , 2735-2741.	1.1	17
120	Mössbauer studies on ferrocene complexes. Journal of Organometallic Chemistry, 1993, 456, 107-111.	0.8	17
121	Effects of Temperature and Pressure on the Mössbauer Spectra of Models for the $[\text{4Fe-4S}]^{2+}$ Clusters of Iron-Sulfur Proteins and the Structure of $[\text{PPh}_4]_2[\text{Fe}_4\text{S}_4(\text{SCH}_2\text{CO}_2\text{C}_2\text{H}_5)_4]$. Inorganic Chemistry, 1999, 38, 4256-4261.	1.9	17
122	Low-voltage cathodoluminescent red emitting phosphors for field emission displays. Journal of Luminescence, 2007, 122-123, 562-566.	1.5	17
123	Characterisation of $\text{Gd}_2\text{O}_3:\text{Pr}$ phosphor screens for water window X-ray detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 600, 434-439.	0.7	17
124	Red Shift of CT-Band in Cubic $\text{Y}_2\text{O}_3:\text{Eu}^{3+}$ upon Increasing the Eu^{3+} Concentration. ECS Journal of Solid State Science and Technology, 2016, 5, R59-R66.	0.9	17
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