M Amelia Santos

List of Publications by Year
in descending order

138 papers	3,581 citations	147566 31 h-index	189595 50 g-index
147 all docs	147 docs citations	147 times ranked	3814 citing authors

#	Article	IF	Citations
1	Gd^{III} and Ga^{III} complexes with a new tris-3,4-HOPO ligand as new imaging probes: complex stability, magnetic properties and biodistribution. Dalton Transactions, 2022, , .	1.6	2
2	A Multi-Technique Investigation of the Complex Formation Equilibria between Bis-Deferiprone Derivatives and Oxidovanadium (IV). Molecules, 2022, 27, 1555.	1.7	1
3	Hydroxypyridinone-Based Metal Chelators towards Ecotoxicity: Remediation and Biological Mechanisms. Molecules, 2022, 27, 1966.	1.7	3
4	Structure-based design of novel donepezil-like hybrids for a multi-target approach to the therapy of Alzheimer's disease. European Journal of Medicinal Chemistry, 2022, 237, 114358.	2.6	14
5	Novel Rivastigmine Derivatives as Promising Multi-Target Compounds for Potential Treatment of Alzheimerâ€™s Disease. Biomedicines, 2022, 10, 1510.	1.4	13
6	Derivatives of Tenuazonic Acid as Potential New Multi-Target Anti-Alzheimerâ€™s Disease Agents. Biomolecules, 2021, 11, 111.	1.8	17
7	Recent Multi-target Approaches on the Development of Anti- Alzheimer's Agents Integrating Metal Chelation Activity. Current Medicinal Chemistry, 2021, 28, 7247-7277.	1.2	16
8	Novel Donepezilâ€“Arylsulfonamide Hybrids as Multitarget-Directed Ligands for Potential Treatment of Alzheimerâ€™s Disease. Molecules, 2021, 26, 1658.	1.7	11
9	The Solution Behavior of Dopamine in the Presence of Mono and Divalent Cations: A Thermodynamic Investigation in Different Experimental Conditions. Biomolecules, 2021, 11, 1312.	1.8	4
10	Multifunctional Small Molecules as Potential Anti-Alzheimerâ€™s Disease Agents. Molecules, 2021, 26, 6015.	1.7	7
11	Bifunctional 3-Hydroxy-4-Pyridinones as Potential Selective Iron(III) Chelators: Solution Studies and Comparison with Other Metals of Biological and Environmental Relevance. Molecules, 2021, 26, 7280.	1.7	3
12	The Effect of Metal Cations on the Aqueous Behavior of Dopamine. Thermodynamic Investigation of the Binary and Ternary Interactions with Cd2+, Cu2+ and UO22+ in NaCl at Different Ionic Strengths and Temperatures. Molecules, 2021, 26, 7679.	1.7	3
13	Novel tacrineâ€“benzofuran hybrids as potential multi-target drug candidates for the treatment of Alzheimerâ€™s Disease. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 211-226.	2.5	39
14	Complexation of environmentally and biologically relevant metals with bifunctional 3-hydroxy-4-pyridinones. Journal of Molecular Liquids, 2020, 319, 114349.	2.3	15
15	DFO@EVOH and 3,4-HP@EVOH: Towards New Polymeric Sorbents for Iron(III). Chemosensors, 2020, 8, 111.	1.8	11
16	Donepezil-based hybrids as multifunctional anti-Alzheimer's disease chelating agents: Effect of positional isomerization. Journal of Inorganic Biochemistry, 2020, 206, 111039.	1.5	14
17	Design, Synthesis, and In Vitro Evaluation of Hydroxybenzimidazole-Donepezil Analogues as Multitarget-Directed Ligands for the Treatment of Alzheimerâ€™s Disease. Molecules, 2020, 25, 985.	1.7	27
18	Deep Eutectic Solvents as Effective Reaction Media for the Synthesis of 2-Hydroxyphenylbenzimidazole-Based Scaffolds en Route to Donepezil-Like Compounds. Molecules, 2020, 25, 574.	1.7	22

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19	Understanding the Solution Behavior of Epinephrine in the Presence of Toxic Cations: A Thermodynamic Investigation in Different Experimental Conditions. Molecules, 2020, 25, 511.	1.7	14
20	New strong extrafunctionalizable tris(3,4-HP) and bis(3,4-HP) metal sequestering agents: synthesis, solution and in vivo metal chelation. Dalton Transactions, 2019, 48, 16167-16183.	1.6	15
21	New Multitarget Hybrids Bearing Tacrine and Phenylbenzothiazole Motifs as Potential Drug Candidates for Alzheimerâ€™s Disease. Molecules, 2019, 24, 587.	1.7	20
22	A new bis-(3-hydroxy-4-pyridinone)-DTPA-derivative: Synthesis, complexation of di-/tri-valent metal cations and in vivo M3+ sequestering ability. Journal of Molecular Liquids, 2019, 281, 280-294.	2.3	14
23	A new tripodal kojic acid derivative for iron sequestration: Synthesis, protonation, complex formation studies with Fe3+, Al3+, Cu2+ and Zn2+, and in vivo bioassays. Journal of Inorganic Biochemistry, 2019, 193, 152-165.	1.5	22
24	Speciation Studies of Bifunctional 3-Hydroxy-4-Pyridinone Ligands in the Presence of Zn2+ at Different Ionic Strengths and Temperatures. Molecules, 2019, 24, 4084.	1.7	14
25	The Therapy of Alzheimerâ€™s Disease: Towards a New Generation of Drugs. Frontiers in Clinical Drug Research - Alzheimer Disorders, 2019, , 33-80.	0.4	8
26	Novel Tacrine-Hydroxyphenylbenzimidazole hybrids as potential multitarget drug candidates for Alzheimer's disease. European Journal of Medicinal Chemistry, 2018, 148, 255-267.	2.6	58
27	Development of Thioaryl-Based Matrix Metalloproteinase-12 Inhibitors with Alternative Zinc-Binding Groups: Synthesis, Potentiometric, NMR, and Crystallographic Studies. Journal of Medicinal Chemistry, 2018, 61, 4421-4435.	2.9	34
28	A new tripodal-3-hydroxy-4-pyridinone for iron and aluminium sequestration: synthesis, complexation and in vivo studies. New Journal of Chemistry, 2018, 42, 8050-8061.	1.4	13
29	Hydroxypyridinone-benzofuran hybrids with potential protective roles for AlzheimerÂ´s disease therapy. Journal of Inorganic Biochemistry, 2018, 179, 82-96.	1.5	38
30	Exploring the chelating capacity of 2-hydroxyphenyl-benzimidazole based hybrids with multi-target ability as anti-Alzheimer's agents. New Journal of Chemistry, 2018, 42, 16503-16515.	1.4	22
31	New bis-(3-hydroxy-4-pyridinone)-NTA-derivative: Synthesis, binding ability towards Ca2+, Cu2+, Zn2+, Al3+, Fe3+ and biological assays. Journal of Molecular Liquids, 2018, 272, 609-624.	2.3	12
32	Donepezil structure-based hybrids as potential multifunctional anti-Alzheimerâ€™s drug candidates. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 1212-1224.	2.5	60
33	Hydroxypyridinone Derivatives: A Fascinating Class of Chelators with Therapeutic Applications - An Update. Current Medicinal Chemistry, 2018, 25, 97-112.	1.2	39
34	Development of a sensor for trivalent iron: AHP fixed on mesoporous silica. New Journal of Chemistry, 2018, 42, 15237-15244.	1.4	8
35	Tacrineâ€“deferiprone hybrids as multi-target-directed metal chelators against Alzheimer's disease: a two-in-one drug. Metallomics, 2018, 10, 1460-1475.	1.0	24
36	Bifunctional 3-hydroxy-4-pyridinones as effective aluminium chelators: synthesis, solution equilibrium studies and in vivo evaluation. Journal of Inorganic Biochemistry, 2018, 186, 116-129.	1.5	13

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37	Modeling the acid-base properties of molybdate(VI) in different ionic media, ionic strengths and temperatures, by EDH, SIT and Pitzer equations. Journal of Molecular Liquids, 2017, 229, 15-26.	2.3	19
38	Sequestration of Aluminium(III) by different natural and synthetic organic and inorganic ligands in aqueous solution. Chemosphere, 2017, 186, 535-545.	4.2	24
39	A review on antioxidant potential of bioactive heterocycle benzofuran: Natural and synthetic derivatives. Pharmacological Reports, 2017, 69, 281-295.	1.5	140
40	Tacrine-allyl/propargylcysteineâ€“benzothiazole trihybrids as potential anti-Alzheimer's drug candidates. RSC Advances, 2016, 6, 53519-53532.	1.7	27
41	Tacrine-(hydroxybenzoyl-pyridone) hybrids as potential multifunctional anti-Alzheimer's agents: AChE inhibition, antioxidant activity and metal chelating capacity. Journal of Inorganic Biochemistry, 2016, 163, 266-277.	1.5	27
42	Recent progress in multifunctional metal chelators as potential drugs for Alzheimer's disease. Coordination Chemistry Reviews, 2016, 327-328, 287-303.	9.5	106
43	New Tacrine Hybrids with Naturalâ€Based Cysteine Derivatives as Multitargeted Drugs for Potential Treatment of Alzheimer's Disease. Chemical Biology and Drug Design, 2016, 87, 101-111.	1.5	50
44	Recent progress in repositioning Alzheimer's disease drugs based on a multitarget strategy. Future Medicinal Chemistry, 2016, 8, 2113-2142.	1.1	61
45	Hydroxypyridinones with enhanced iron chelating properties. Synthesis, characterization and in vivo tests of 5-hydroxy-2-(hydroxymethyl)pyridine-4(1H)-one. Dalton Transactions, 2016, 45, 6517-6528.	1.6	27
46	Recent progress in the drug development of coumarin derivatives asÂpotent antituberculosis agents. European Journal of Medicinal Chemistry, 2015, 100, 257-269.	2.6	193
47	Copper(II) complexation of tacrine hybrids with potential anti-neurodegenerative roles. Journal of Inorganic Biochemistry, 2015, 151, 58-66.	1.5	19
48	An NMR study on the 6,6â€²-(2-(diethylamino)ethylazanediyl)bis(methylene)bis(5-hydroxy-2-hydroxymethyl-4H-pyran-4-one) interaction with AlIII and ZnII ions. Journal of Inorganic Biochemistry, 2015, 148, 69-77.	1.5	14
49	Benzofuran: an emerging scaffold for antimicrobial agents. RSC Advances, 2015, 5, 96809-96828.	1.7	152
50	3-hydroxypyridinone derivatives as metal-sequestering agents for therapeutic use. Future Medicinal Chemistry, 2015, 7, 383-410.	1.1	20
51	Design, synthesis and bioevaluation of tacrine hybrids with cinnamate and cinnamylidene acetate derivatives as potential anti-Alzheimer drugs. MedChemComm, 2015, 6, 1969-1977.	3.5	34
52	Thermodynamic Data for the Modeling of Lanthanoid(III) Sequestration by Reduced Glutathione in Aqueous Solution. Journal of Chemical & Engineering Data, 2015, 60, 192-201.	1.0	13
53	Inhibition of pseudolysin and thermolysin by hydroxamate-based MMP inhibitors. European Journal of Medicinal Chemistry, 2015, 89, 340-348.	2.6	18
54	Searching for new aluminium chelating agents: A family of hydroxypyrone ligands. Journal of Inorganic Biochemistry, 2014, 130, 112-121.	1.5	28

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55	A new bis-3-hydroxy-4-pyrone as a potential therapeutic iron chelating agent. Effect of connecting and side chains on the complex structures and metal ion selectivity. Journal of Inorganic Biochemistry, 2014, 141, 132-143.	1.5	30
56	A family of hydroxypyrone ligands designed and synthesized as iron chelators. Journal of Inorganic Biochemistry, 2013, 127, 220-231.	1.5	27
57	Multifunctional iron-chelators with protective roles against neurodegenerative diseases. Dalton Transactions, 2013, 42, 6058.	1.6	44
58	Chemistry and applications of metal complexes. Dalton Transactions, 2013, 42, 5957.	1.6	5
59	Design, synthesis and neuroprotective evaluation of novel tacrineâ€“benzothiazole hybrids as multi-targeted compounds against Alzheimerâ€™s disease. Bioorganic and Medicinal Chemistry, 2013, 21, 4559-4569.	1.4	87
60	New bifunctional metalloproteinase inhibitors: an integrated approach towards biological improvements and cancer therapy. Journal of Inorganic Biochemistry, 2013, 127, 188-202.	1.5	12
61	A novel tripodal tris-hydroxypyrimidinone sequestering agent for trivalent hard metal ions: synthesis, complexation and in vivo studies. Dalton Transactions, 2013, 42, 6033-6045.	1.6	12
62	New tris-3,4-HOPO lanthanide complexes as potential imaging probes: complex stability and magnetic properties. Dalton Transactions, 2013, 42, 6046.	1.6	28
63	Hydroxypyri(mi)dine-Based Chelators as Antidotes of Toxicity Due to Aluminum and Actinides. Current Medicinal Chemistry, 2012, 19, 2773-2793.	1.2	7
64	Hydroxy(thio)pyrone and hydroxy(thio)pyridinone iron chelators: Physico-chemical properties and anti-oxidant activity. Journal of Inorganic Biochemistry, 2012, 114, 38-46.	1.5	19
65	Hydroxypyridinones as â€œprivilegedâ€•chelating structures for the design of medicinal drugs. Coordination Chemistry Reviews, 2012, 256, 240-259.	9.5	109
66	Bifunctional phenolic-choline conjugates as anti-oxidants and acetylcholinesterase inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2011, 26, 485-497.	2.5	38
67	Novel 1-Hydroxypiperazine-2,6-diones as New Leads in the Inhibition of Metalloproteinases. Journal of Medicinal Chemistry, 2011, 54, 8289-8298.	2.9	16
68	Novel Folate-Hydroxamate Based Antimetabolites: Synthesis and Biological Evaluation. Medicinal Chemistry, 2011, 7, 265-274.	0.7	8
69	New hydroxypyridinone-functionalized sepharoses as sorbing agents for hard metal ions. Journal of Hazardous Materials, 2011, 186, 1902-1908.	6.5	9
70	A gallium complex with a new tripodal tris-hydroxypyridinone for potential nuclear diagnostic imaging: solution and in vivo studies of 67Ga-labeled species. Journal of Inorganic Biochemistry, 2011, 105, 31-38.	1.5	47
71	Interaction of folic acid and some matrix metalloproteinase (MMP) inhibitor folate-Î³-hydroxamate derivatives with Zn(II) and human serum albumin. Journal of Inorganic Biochemistry, 2011, 105, 444-453.	1.5	11
72	Pteridineâ€“sulfonamide conjugates as dual inhibitors of carbonic anhydrases and dihydrofolate reductase with potential antitumor activity. Bioorganic and Medicinal Chemistry, 2010, 18, 5081-5089.	1.4	47

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73	New Tris(hydroxypyridinones) as Iron and Aluminium Sequestering Agents: Synthesis, Complexation and In Vivo Studies. Chemistry - A European Journal, 2010, 16, 10535-10545.	1.7	41
74	Syntheses and characterization of Cu2+, Ni2+ and Zn2+ binding capability of histidinehydroxamic acid derivatives. Polyhedron, 2010, 29, 3137-3145.	1.0	12
75	New hydroxypyrimidinone-containing sulfonamides as carbonic anhydrase inhibitors also acting as MMP inhibitors. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 3623-3627.	1.0	16
76	Complexes of hydroxy(thio)pyrone and hydroxy(thio)pyridinone with Zn(<scp>ii</scp>) and Mo(<scp>vi</scp>). Thermodynamic stability and insulin-mimetic activity. Metallomics, 2010, 2, 220-227.	1.0	25
77	New tripodal hydroxypyridinone based chelating agents for Fe(III), Al(III) and Ga(III): Synthesis, physico-chemical properties and bioevaluation. Journal of Inorganic Biochemistry, 2009, 103, 262-273.	1.5	50
78	Combined chelation of bi-functional bis-hydroxypiridinone and mono-hydroxypiridinone: Synthesis, solution and in vivo evaluation. Journal of Inorganic Biochemistry, 2009, 103, 288-298.	1.5	17
79	Combined chelation based on glycosyl-mono- and bis-hydroxypyridinones for aluminium mobilization: Solution and biodistribution studies. Journal of Inorganic Biochemistry, 2009, 103, 1521-1529.	1.5	15
80	Multitemplate Alignment Method for the Development of a Reliable 3D-QSAR Model for the Analysis of MMP3 Inhibitors. Journal of Chemical Information and Modeling, 2009, 49, 1715-1724.	2.5	18
81	A bis(3-hydroxy-4-pyridinone)-EDTA derivative as a strong chelator for M3+ hard metal ions: complexation ability and selectivity. Dalton Transactions, 2009, , 6141.	1.6	21
82	Recent developments on 3-hydroxy-4-pyridinones with respect to their clinical applications. Coordination Chemistry Reviews, 2008, 252, 1213-1224.	9.5	52
83	Dual Inhibitors of Matrix Metalloproteinases and Carbonic Anhydrases: Iminodiacetyl-Based Hydroxamateâ^'Benzenesulfonamide Conjugates. Journal of Medicinal Chemistry, 2008, 51, 7968-7979.	2.9	52
84	New hydroxypyridinone iron-chelators as potential anti-neurodegenerative drugs. Frontiers in Bioscience - Landmark, 2008, Volume, 6763.	3.0	15
85	Biologically relevant O,S-donor compounds. Synthesis, molybdenum complexation and xanthine oxidase inhibition. Dalton Transactions, 2008, , 1773.	1.6	17
86	A New Approach for Potential Combined Chelation Therapy Using Mono- and Bis-Hydroxypyridinones. Hemoglobin, 2008, 32, 147-156.	0.4	7
87	Complexation of Molybdenum(VI) with Bis(3-hydroxy-4-pyridinone)amino Acid Derivatives. European Journal of Inorganic Chemistry, 2007, 2007, 1728-1737.	1.0	19
88	Methotrexate Î³-hydroxamate derivatives as potential dual target antitumor drugs. Bioorganic and Medicinal Chemistry, 2007, 15, 1266-1274.	1.4	18
89	Carbonic anhydrase inhibitors: Inhibition of cytosolic/tumor-associated isoforms I, II, and IX with iminodiacetic carboxylates/hydroxamates also incorporating benzenesulfonamide moieties. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 1538-1543.	1.0	29
90	Design, synthesis and molecular modeling study of iminodiacetyl monohydroxamic acid derivatives as MMP inhibitors. Bioorganic and Medicinal Chemistry, 2006, 14, 7539-7550.	1.4	41

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91	Redox chemistry of low-pH forms of tetrahemic cytochrome c3. Journal of Inorganic Biochemistry, 2006, 100, 2009-2016.	1.5	5
92	Zinc(II) Complexation Behaviour of Sulfonamide-Based Enzyme Inhibitors. European Journal of Inorganic Chemistry, 2006, 2006, 3853-3860.	1.0	6
93	New silica-immobilized hydroxypyrimidinone as sorbent of hard metal ions from aqueous fluids. Journal of Inorganic Biochemistry, 2005, 99, 1762-1768.	1.5	13
94	Synthesis and Metal-Complexation Properties of a New Hydroxypyrimidinone-Functionalized Sepharose. European Journal of Inorganic Chemistry, 2005, 2005, 597-605.	1.0	9
95	N-Arylamine derivatives of 3-hydroxy-4-pyridinones: solution studies and bioevaluation in view of Al-detoxification roles. Analytical and Bioanalytical Chemistry, 2005, 381, 413-419.	1.9	5
96	Bis(3-hydroxy-4-pyridinone)-EDTA derivative as a potential therapeutic Al-chelating agent. Synthesis, solution studies and biological assays. Journal of Inorganic Biochemistry, 2005, 99, 1845-1852.	1.5	21
97	Bifunctional 3-hydroxy-4-pyridinone derivatives as potential pharmaceuticals: synthesis, complexation with Fe(III), Al(III) and Ga(III) and in vivo evaluation with 67Ga. Journal of Biological Inorganic Chemistry, 2005, 10, 564-580.	1.1	46
98	Factors affecting the metal ionâ€“hydroxamate interactions II: effect of the length of the connecting chain on the Fe(III), Mo(VI) and V(V) complexation of some new desferrioxamine B (DFB) model dihydroxamic acids. Inorganica Chimica Acta, 2004, 357, 2451-2461.	1.2	24
99	Succinylhydroxamic derivatives of Î±-amino acids as MMP inhibitors. Study of complex-formation equilibria with Cu2+, Ni2+ and Zn2+. Journal of Inorganic Biochemistry, 2004, 98, 209-218.	1.5	29
100	A new bis(3-hydroxy-4-pyridinone)-IDA derivative as a potential therapeutic chelating agent. Synthesis, metal-complexation and biological assays. Dalton Transactions, 2004, , 3772-3781.	1.6	45
101	Interaction of desferrioxamine B (DFB) model dihydroxamic acids with some essential and toxic metal(ii) ions: effects of the structure and length of connecting chains on the metal ion selectivity. Dalton Transactions, 2004, , 1248-1253.	1.6	18
102	Alkylaryl-amino derivatives of 3-hydroxy-4-pyridinones as aluminium chelating agents with potential clinical application. Journal of Inorganic Biochemistry, 2003, 97, 161-172.	1.5	25
103	Iminodiacetyl-hydroxamate derivatives as metalloproteinase inhibitors: equilibrium complexation studies with Cu(II), Zn(II) and Ni(II). Journal of Inorganic Biochemistry, 2003, 97, 345-353.	1.5	11
104	Protease Inhibitors: Synthesis of Bacterial Collagenase and Matrix Metalloproteinase Inhibitors Incorporating Succinyl Hydroxamate and Iminodiacetic Acid Hydroxamate Moieties. Journal of Enzyme Inhibition and Medicinal Chemistry, 2003, 18, 233-242.	2.5	17
105	A nex immobilized hydroxypyridinone as a sequestering agent for heavy metal ions. European Physical Journal Special Topics, 2003, 107, 1185-1188.	0.2	3
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109	Synthesis, conformational behaviour, alkali and alkaline-earth metal cation extraction and transport studies of p-tert-butyldihomooxacalix[4]crowns. Tetrahedron, 2002, 58, 9223-9230.	1.0	11
110	Factors affecting the metal ionâ€“hydroxamate interactions: effect of the position of the peptide function in the connecting chain on the Fe(III), Mo(VI) and V(V) complexation of some new desferrioxamine B (DFB) model dihydroxamic acids. Inorganica Chimica Acta, 2002, 339, 215-223.	1.2	20
111	Hydroxypyridinone complexes with aluminium. In vitro/vivo studies and perspectives. Coordination Chemistry Reviews, 2002, 228, 187-203.	9.5	74
112	Transition metal complexes of two new imino-dihydroxamic acids. Inorganica Chimica Acta, 2001, 321, 42-48.	1.2	7
113	Interruption of the MnO2 oxidative process on dopamine and l-dopa by the action of S2O32â˜. Journal of Inorganic Biochemistry, 2001, 84, 89-96.	1.5	15
114	Electrochemistry of Copper(II) Complexes of Dioxocyclam and Dihydroxamate Derivative. Electroanalysis, 2000, 12, 66-71.	1.5	6
115	Synthesis, chelating properties towards gallium and biological evaluation of two N-substituted 3-hydroxy-4-pyridinones. Journal of Inorganic Biochemistry, 2000, 78, 303-311.	1.5	32
116	A cyclohexane-1,2-diyldinitrilotetraacetate tetrahydroxamate derivative for actinide complexation: synthesis and complexation studies. Dalton Transactions RSC, 2000, , 4398-4402.	2.3	7
117	Molecular Recognition of Acetylaminofluorene-and Aminofluorene-modified Guanosine. Supramolecular Chemistry, 2000, 11, 201-215.	1.5	1
118	Copper(II) and zinc(II) complexes of a macrocyclic bis-(amineâ€“amideâ€“hydroxamate) siderophore analogue. Formation constants and coordination chemistry. Inorganica Chimica Acta, 1999, 284, 20-29.	1.2	20
119	Molecular recognition of synthetic siderophore analogues: a study with receptor-deficient and fhu(A-B) deletion mutants of Escherichia coli. BioMetals, 1999, 12, 209-218.	1.8	15
120	Conformational analysis of a tetrabenzylated dihomooxacalix[4]arene. A theoretical study. Computational and Theoretical Chemistry, 1999, 463, 21-26.	1.5	2
121	Siderophore analogues: a new macrocyclic tetraamine tris(hydroxamate) ligand; synthesis and solution chemistry of the iron(III), aluminium(III) and copper(II) complexesâ€Šâ€. Journal of the Chemical Society Dalton Transactions, 1999, , 799-806.	1.1	28
122	Chemical and pharmacological examination of antinociceptive constituents of Wedelia paludosa. Journal of Ethnopharmacology, 1998, 61, 85-89.	2.0	62
123	A New Bi-Functional Receptor for Acetylamino- Fluorene Modified Guanosine. , 1998, , 487-490.		1
124	Microscopic acidâ€“base equilibria of a synthetic hydroxamate siderophore analog, piperazine-1,4-bis(N-methylacetohydroxamic acid). Journal of the Chemical Society Perkin Transactions II, 1997, , 1977-1983.	0.9	24
125	Effect of Substitution Site upon the Oxidation Potentials of Alkylanilines, the Mutagenicities ofN-Hydroxyalkylanilines, and the Conformations of Alkylanilineâ˜DNA Adducts. Chemical Research in Toxicology, 1997, 10, 1266-1274.	1.7	51
126	Arylamineâ€“DNA adduct conformation in relation to mutagenesis. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1997, 376, 13-19.	0.4	27

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127	Synthesis, Characterization, and Conformational Analysis of DNA Adducts from Methylated Anilines Present in Tobacco Smoke. Chemical Research in Toxicology, 1996, 9, 99-108.	1.7	43
128	Hydrogen bonding in a non-steroidal anti-inflammatory drugâ€"Naproxen. Journal of Photochemistry and Photobiology B: Biology, 1995, 29, 23-31.	1.7	11
129	Molecular recognition of guanosine and 2-acetylaminofluorene-modified guanosine. A comparative study. Supramolecular Chemistry, 1995, 5, 243-253.	1.5	3
130	Siderophore analogues. Synthesis and chelating properties of a new macrocyclic trishydroxamate ligand. Journal of the Chemical Society Dalton Transactions, 1995, , 2565-2573.	1.1	22
131	Molecular mechanics studies of the conformations of metal complexes of 1,4,7,10,13,16-hexaazacyclooctadecane: Calculations of macrocyclic cavity size. Structural Chemistry, 1993, 4, 5-14.	1.0	11
132	Kinetics and mechanism of iron exchange in a hydroxamate siderophore analogue complex. Journal of the Chemical Society Dalton Transactions, 1993, , 3123.	1.1	3
133	A new iron(III) ion sequestering ligand: synthesis, solution chemistry and electrochemistry. Journal of the Chemical Society Dalton Transactions, 1993, , 927-932.	1.1	20
134	Molecular mechanics study of 18-azacrown-6 and its binding interactions in 1 : 1 hostâ€"guest complexes with neutral and anionic species. Journal of the Chemical Society, Faraday Transactions, 1991, 87, 1321-1331.	1.7	20
135	Protonation of diaza cyclic complexones: 1H NMR, calorimetric and molecular mechanics studies. Journal of the Chemical Society Perkin Transactions II, 1990, , 2211.	0.9	14
136	The mass spectrometric behaviour of benzohydroxaraic and benzothiohydroxamic acids under electron impact. Organic Mass Spectrometry, 1987, 22, 506-512.	1.3	4
137	A Convenient Method for the Synthesis ofN-Hydroxythiobenzamides (C-Arylthiohydroxamic Acids). Synthesis, 1984, 1984, 829-831.	1.2	20
138	An X-ray crystallographic, 1H nuclear magnetic resonance, and MNDO SCF-MO conformational study of o-substituted N-benzylbenzothiohydroxamic acids. Journal of the Chemical Society Perkin Transactions II, 1984, , 1511.	0.9	8