

# M Amelia Santos

## List of Publications by Year in descending order

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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	Recent progress in the drug development of coumarin derivatives as potent antituberculosis agents. <i>European Journal of Medicinal Chemistry</i> , 2015, 100, 257-269.	2.6	193
2	Benzofuran: an emerging scaffold for antimicrobial agents. <i>RSC Advances</i> , 2015, 5, 96809-96828.	1.7	152
3	A review on antioxidant potential of bioactive heterocycle benzofuran: Natural and synthetic derivatives. <i>Pharmacological Reports</i> , 2017, 69, 281-295.	1.5	140
4	Hydroxypyridinones as privileged chelating structures for the design of medicinal drugs. <i>Coordination Chemistry Reviews</i> , 2012, 256, 240-259.	9.5	109
5	Recent progress in multifunctional metal chelators as potential drugs for Alzheimer's disease. <i>Coordination Chemistry Reviews</i> , 2016, 327-328, 287-303.	9.5	106
6	Design, synthesis and neuroprotective evaluation of novel tacrine-benzothiazole hybrids as multi-targeted compounds against Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 4559-4569.	1.4	87
7	Hydroxypyridinone complexes with aluminium. In vitro/vivo studies and perspectives. <i>Coordination Chemistry Reviews</i> , 2002, 228, 187-203.	9.5	74
8	Chemical and pharmacological examination of antinociceptive constituents of <i>Wedelia paludosa</i> . <i>Journal of Ethnopharmacology</i> , 1998, 61, 85-89.	2.0	62
9	Recent progress in repositioning Alzheimer's disease drugs based on a multitarget strategy. <i>Future Medicinal Chemistry</i> , 2016, 8, 2113-2142.	1.1	61
10	Donepezil structure-based hybrids as potential multifunctional anti-Alzheimer's drug candidates. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 1212-1224.	2.5	60
11	Novel Tacrine-Hydroxyphenylbenzimidazole hybrids as potential multitarget drug candidates for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2018, 148, 255-267.	2.6	58
12	N-Carboxyalkyl derivatives of 3-hydroxy-4-pyridinones: synthesis, complexation with Fe(III), Al(III) and Ga(III) and in vivo evaluation. <i>Journal of Inorganic Biochemistry</i> , 2002, 92, 43-54.	1.5	55
13	Recent developments on 3-hydroxy-4-pyridinones with respect to their clinical applications. <i>Coordination Chemistry Reviews</i> , 2008, 252, 1213-1224.	9.5	52
14	Dual Inhibitors of Matrix Metalloproteinases and Carbonic Anhydrases: Iminodiacetyl-Based Hydroxamate-Benzenesulfonamide Conjugates. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 7968-7979.	2.9	52
15	Effect of Substitution Site upon the Oxidation Potentials of Alkylanilines, the Mutagenicities of N-Hydroxyalkylanilines, and the Conformations of Alkylaniline-DNA Adducts. <i>Chemical Research in Toxicology</i> , 1997, 10, 1266-1274.	1.7	51
16	New tripodal hydroxypyridinone based chelating agents for Fe(III), Al(III) and Ga(III): Synthesis, physico-chemical properties and bioevaluation. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 262-273.	1.5	50
17	New Tacrine Hybrids with Natural-Based Cysteine Derivatives as Multitargeted Drugs for Potential Treatment of Alzheimer's Disease. <i>Chemical Biology and Drug Design</i> , 2016, 87, 101-111.	1.5	50
18	Pteridine-sulfonamide conjugates as dual inhibitors of carbonic anhydrases and dihydrofolate reductase with potential antitumor activity. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 5081-5089.	1.4	47

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19	A gallium complex with a new tripodal tris-hydroxypyridinone for potential nuclear diagnostic imaging: solution and in vivo studies of <sup>67</sup> Ga-labeled species. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 31-38.	1.5	47
20	Bifunctional 3-hydroxy-4-pyridinone derivatives as potential pharmaceuticals: synthesis, complexation with Fe(III), Al(III) and Ga(III) and in vivo evaluation with <sup>67</sup> Ga. <i>Journal of Biological Inorganic Chemistry</i> , 2005, 10, 564-580.	1.1	46
21	A new bis(3-hydroxy-4-pyridinone)-IDA derivative as a potential therapeutic chelating agent. Synthesis, metal-complexation and biological assays. <i>Dalton Transactions</i> , 2004, , 3772-3781.	1.6	45
22	Multifunctional iron-chelators with protective roles against neurodegenerative diseases. <i>Dalton Transactions</i> , 2013, 42, 6058.	1.6	44
23	Synthesis, Characterization, and Conformational Analysis of DNA Adducts from Methylated Anilines Present in Tobacco Smoke. <i>Chemical Research in Toxicology</i> , 1996, 9, 99-108.	1.7	43
24	Design, synthesis and molecular modeling study of iminodiacetyl monohydroxamic acid derivatives as MMP inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 7539-7550.	1.4	41
25	New Tris(hydroxypyridinones) as Iron and Aluminium Sequestering Agents: Synthesis, Complexation and In Vivo Studies. <i>Chemistry - A European Journal</i> , 2010, 16, 10535-10545.	1.7	41
26	Hydroxypyridinone Derivatives: A Fascinating Class of Chelators with Therapeutic Applications - An Update. <i>Current Medicinal Chemistry</i> , 2018, 25, 97-112.	1.2	39
27	Novel tacrine-benzofuran hybrids as potential multi-target drug candidates for the treatment of Alzheimer's Disease. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 211-226.	2.5	39
28	Bifunctional phenolic-choline conjugates as anti-oxidants and acetylcholinesterase inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2011, 26, 485-497.	2.5	38
29	Hydroxypyridinone-benzofuran hybrids with potential protective roles for Alzheimer's disease therapy. <i>Journal of Inorganic Biochemistry</i> , 2018, 179, 82-96.	1.5	38
30	Design, synthesis and bioevaluation of tacrine hybrids with cinnamate and cinnamylidene acetate derivatives as potential anti-Alzheimer drugs. <i>MedChemComm</i> , 2015, 6, 1969-1977.	3.5	34
31	Development of Thioaryl-Based Matrix Metalloproteinase-12 Inhibitors with Alternative Zinc-Binding Groups: Synthesis, Potentiometric, NMR, and Crystallographic Studies. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 4421-4435.	2.9	34
32	Synthesis, chelating properties towards gallium and biological evaluation of two N-substituted 3-hydroxy-4-pyridinones. <i>Journal of Inorganic Biochemistry</i> , 2000, 78, 303-311.	1.5	32
33	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. <i>Journal of Inorganic Biochemistry</i> , 2014, 141, 132-143.	1.5	30
34	Succinylhydroxamic derivatives of $\alpha$ -amino acids as MMP inhibitors. Study of complex-formation equilibria with Cu <sup>2+</sup> , Ni <sup>2+</sup> and Zn <sup>2+</sup> . <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 209-218.	1.5	29
35	Carbonic anhydrase inhibitors: Inhibition of cytosolic/tumor-associated isoforms I, II, and IX with iminodiacetic carboxylates/hydroxamates also incorporating benzenesulfonamide moieties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 1538-1543.	1.0	29
36	Siderophore analogues: a new macrocyclic tetraamine tris(hydroxamate) ligand; synthesis and solution chemistry of the iron(III), aluminium(III) and copper(II) complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 799-806.	1.1	28

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37	New tris-3,4-HOPO lanthanide complexes as potential imaging probes: complex stability and magnetic properties. Dalton Transactions, 2013, 42, 6046.	1.6	28
38	Searching for new aluminium chelating agents: A family of hydroxypyrrone ligands. Journal of Inorganic Biochemistry, 2014, 130, 112-121.	1.5	28
39	Arylamine-DNA adduct conformation in relation to mutagenesis. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1997, 376, 13-19.	0.4	27
40	A family of hydroxypyrrone ligands designed and synthesized as iron chelators. Journal of Inorganic Biochemistry, 2013, 127, 220-231.	1.5	27
41	Tacrine-allyl/propargylcysteine-benzothiazole trihybrids as potential anti-Alzheimer's drug candidates. RSC Advances, 2016, 6, 53519-53532.	1.7	27
42	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
43	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
44	Design, Synthesis, and In Vitro Evaluation of Hydroxybenzimidazole-Donepezil Analogues as Multitarget-Directed Ligands for the Treatment of Alzheimer's Disease. Molecules, 2020, 25, 985.	1.7	27
45	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
46	Complexes of hydroxy(thio)pyrrone and hydroxy(thio)pyridinone with Zn and Mo. Thermodynamic stability and insulin-mimetic activity. Metallomics, 2010, 2, 220-227.	1.0	25
47	Microscopic acid-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
48	Factors affecting the metal ion-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
49	Sequestration of Aluminium(III) by different natural and synthetic organic and inorganic ligands in aqueous solution. Chemosphere, 2017, 186, 535-545.	4.2	24
50	Tacrine-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
51	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
52	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
53	A new tripodal kojic acid derivative for iron sequestration: Synthesis, protonation, complex formation studies with Fe <sup>3+</sup> , Al <sup>3+</sup> , Cu <sup>2+</sup> and Zn <sup>2+</sup> , and in vivo bioassays. Journal of Inorganic Biochemistry, 2019, 193, 152-165.	1.5	22
54	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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55	Bis(3-hydroxy-4-pyridinone)-EDTA derivative as a potential therapeutic Al-chelating agent. Synthesis, solution studies and biological assays. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 1845-1852.	1.5	21
56	A bis(3-hydroxy-4-pyridinone)-EDTA derivative as a strong chelator for M3+ hard metal ions: complexation ability and selectivity. <i>Dalton Transactions</i> , 2009, , 6141.	1.6	21
57	A Convenient Method for the Synthesis of N-Hydroxythiobenzamides (C-Arylthiohydroxamic Acids). <i>Synthesis</i> , 1984, 1984, 829-831.	1.2	20
58	Molecular mechanics study of 18-azacrown-6 and its binding interactions in 1 : 1 host-guest complexes with neutral and anionic species. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1991, 87, 1321-1331.	1.7	20
59	A new iron(III) ion sequestering ligand: synthesis, solution chemistry and electrochemistry. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 927-932.	1.1	20
60	Copper(II) and zinc(II) complexes of a macrocyclic bis-(amine-amide-hydroxamate) siderophore analogue. Formation constants and coordination chemistry. <i>Inorganica Chimica Acta</i> , 1999, 284, 20-29.	1.2	20
61	Factors affecting the metal ion-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. <i>Inorganica Chimica Acta</i> , 2002, 339, 215-223.	1.2	20
62	3-hydroxypyridinone derivatives as metal-sequestering agents for therapeutic use. <i>Future Medicinal Chemistry</i> , 2015, 7, 383-410.	1.1	20
63	New Multitarget Hybrids Bearing Tacrine and Phenylbenzothiazole Motifs as Potential Drug Candidates for Alzheimer's Disease. <i>Molecules</i> , 2019, 24, 587.	1.7	20
64	Complexation of Molybdenum(VI) with Bis(3-hydroxy-4-pyridinone)amino Acid Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 1728-1737.	1.0	19
65	Hydroxy(thio)pyrone and hydroxy(thio)pyridinone iron chelators: Physico-chemical properties and anti-oxidant activity. <i>Journal of Inorganic Biochemistry</i> , 2012, 114, 38-46.	1.5	19
66	Copper(II) complexation of tacrine hybrids with potential anti-neurodegenerative roles. <i>Journal of Inorganic Biochemistry</i> , 2015, 151, 58-66.	1.5	19
67	Modeling the acid-base properties of molybdate(VI) in different ionic media, ionic strengths and temperatures, by EDH, SIT and Pitzer equations. <i>Journal of Molecular Liquids</i> , 2017, 229, 15-26.	2.3	19
68	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. <i>Dalton Transactions</i> , 2004, , 1248-1253.	1.6	18
69	Methotrexate $\hat{1}^3$ -hydroxamate derivatives as potential dual target antitumor drugs. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 1266-1274.	1.4	18
70	Multitemplate Alignment Method for the Development of a Reliable 3D-QSAR Model for the Analysis of MMP3 Inhibitors. <i>Journal of Chemical Information and Modeling</i> , 2009, 49, 1715-1724.	2.5	18
71	Inhibition of pseudolysin and thermolysin by hydroxamate-based MMP inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2015, 89, 340-348.	2.6	18
72	Protease Inhibitors: Synthesis of Bacterial Collagenase and Matrix Metalloproteinase Inhibitors Incorporating Succinyl Hydroxamate and Iminodiacetic Acid Hydroxamate Moieties. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2003, 18, 233-242.	2.5	17

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73	Biologically relevant O,S-donor compounds. Synthesis, molybdenum complexation and xanthine oxidase inhibition. Dalton Transactions, 2008, , 1773.	1.6	17
74	Combined chelation of bi-functional bis-hydroxypyridinone and mono-hydroxypyridinone: Synthesis, solution and in vivo evaluation. Journal of Inorganic Biochemistry, 2009, 103, 288-298.	1.5	17
75	Derivatives of Tenuazonic Acid as Potential New Multi-Target Anti-Alzheimer's Disease Agents. Biomolecules, 2021, 11, 111.	1.8	17
76	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
77	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
78	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
79	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
80	Interruption of the MnO <sub>2</sub> oxidative process on dopamine and l-dopa by the action of S <sub>2</sub> O <sub>3</sub> <sup>2-</sup> . Journal of Inorganic Biochemistry, 2001, 84, 89-96.	1.5	15
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91	Understanding the Solution Behavior of Epinephrine in the Presence of Toxic Cations: A Thermodynamic Investigation in Different Experimental Conditions. <i>Molecules</i> , 2020, 25, 511.	1.7	14
92	Structure-based design of novel donepezil-like hybrids for a multi-target approach to the therapy of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2022, 237, 114358.	2.6	14
93	New silica-immobilized hydroxypyrimidinone as sorbent of hard metal ions from aqueous fluids. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 1762-1768.	1.5	13
94	Thermodynamic Data for the Modeling of Lanthanoid(III) Sequestration by Reduced Glutathione in Aqueous Solution. <i>Journal of Chemical &amp; Engineering Data</i> , 2015, 60, 192-201.	1.0	13
95	A new tripodal-3-hydroxy-4-pyridinone for iron and aluminium sequestration: synthesis, complexation and <i>in vivo</i> studies. <i>New Journal of Chemistry</i> , 2018, 42, 8050-8061.	1.4	13
96	Bifunctional 3-hydroxy-4-pyridinones as effective aluminium chelators: synthesis, solution equilibrium studies and <i>in vivo</i> evaluation. <i>Journal of Inorganic Biochemistry</i> , 2018, 186, 116-129.	1.5	13
97	Novel Rivastigmine Derivatives as Promising Multi-Target Compounds for Potential Treatment of Alzheimer's Disease. <i>Biomedicines</i> , 2022, 10, 1510.	1.4	13
98	Syntheses and characterization of Cu <sup>2+</sup> , Ni <sup>2+</sup> and Zn <sup>2+</sup> binding capability of histidinehydroxamic acid derivatives. <i>Polyhedron</i> , 2010, 29, 3137-3145.	1.0	12
99	New bifunctional metalloproteinase inhibitors: an integrated approach towards biological improvements and cancer therapy. <i>Journal of Inorganic Biochemistry</i> , 2013, 127, 188-202.	1.5	12
100	A novel tripodal tris-hydroxypyrimidinone sequestering agent for trivalent hard metal ions: synthesis, complexation and <i>in vivo</i> studies. <i>Dalton Transactions</i> , 2013, 42, 6033-6045.	1.6	12
101	New bis-(3-hydroxy-4-pyridinone)-NTA-derivative: Synthesis, binding ability towards Ca <sup>2+</sup> , Cu <sup>2+</sup> , Zn <sup>2+</sup> , Al <sup>3+</sup> , Fe <sup>3+</sup> and biological assays. <i>Journal of Molecular Liquids</i> , 2018, 272, 609-624.	2.3	12
102	Molecular mechanics studies of the conformations of metal complexes of 1,4,7,10,13,16-hexaazacyclooctadecane: Calculations of macrocyclic cavity size. <i>Structural Chemistry</i> , 1993, 4, 5-14.	1.0	11
103	Hydrogen bonding in a non-steroidal anti-inflammatory drug "Naproxen". <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1995, 29, 23-31.	1.7	11
104	Synthesis, conformational behaviour, alkali and alkaline-earth metal cation extraction and transport studies of p-tert-butylidihomooxalix[4]crowns. <i>Tetrahedron</i> , 2002, 58, 9223-9230.	1.0	11
105	Iminodiacetyl-hydroxamate derivatives as metalloproteinase inhibitors: equilibrium complexation studies with Cu(II), Zn(II) and Ni(II). <i>Journal of Inorganic Biochemistry</i> , 2003, 97, 345-353.	1.5	11
106	Interaction of folic acid and some matrix metalloproteinase (MMP) inhibitor folate- <sup>3</sup> -hydroxamate derivatives with Zn(II) and human serum albumin. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 444-453.	1.5	11
107	DFO@EVOH and 3,4-HP@EVOH: Towards New Polymeric Sorbents for Iron(III). <i>Chemosensors</i> , 2020, 8, 111.	1.8	11
108	Novel Donepezil "Arylsulfonamide Hybrids as Multitarget-Directed Ligands for Potential Treatment of Alzheimer's Disease. <i>Molecules</i> , 2021, 26, 1658.	1.7	11



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109	Synthesis and Metal-Complexation Properties of a New Hydroxypyrimidinone-Functionalized Sepharose. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 597-605.	1.0	9
110	New hydroxypyridinone-functionalized sepharoses as sorbing agents for hard metal ions. <i>Journal of Hazardous Materials</i> , 2011, 186, 1902-1908.	6.5	9
111	An X-ray crystallographic, <sup>1</sup> H nuclear magnetic resonance, and MNDO SCF-MO conformational study of o-substituted N-benzylbenzothiohydroxamic acids. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1984, , 1511.	0.9	8
112	A new bipodal carboxy-bis(hydroxypyridinonate) ligand.. <i>Polyhedron</i> , 2002, 21, 2609-2616.	1.0	8
113	Novel Folate-Hydroxamate Based Antimetabolites: Synthesis and Biological Evaluation. <i>Medicinal Chemistry</i> , 2011, 7, 265-274.	0.7	8
114	Development of a sensor for trivalent iron: AHP fixed on mesoporous silica. <i>New Journal of Chemistry</i> , 2018, 42, 15237-15244.	1.4	8
115	The Therapy of Alzheimer's Disease: Towards a New Generation of Drugs. <i>Frontiers in Clinical Drug Research - Alzheimer Disorders</i> , 2019, , 33-80.	0.4	8
116	A cyclohexane-1,2-diyldinitrilotetraacetate tetrahydroxamate derivative for actinide complexation: synthesis and complexation studies. <i>Dalton Transactions RSC</i> , 2000, , 4398-4402.	2.3	7
117	Transition metal complexes of two new imino-dihydroxamic acids. <i>Inorganica Chimica Acta</i> , 2001, 321, 42-48.	1.2	7
118	A New Approach for Potential Combined Chelation Therapy Using Mono- and Bis-Hydroxypyridinones. <i>Hemoglobin</i> , 2008, 32, 147-156.	0.4	7
119	Hydroxypyridine-Based Chelators as Antidotes of Toxicity Due to Aluminum and Actinides. <i>Current Medicinal Chemistry</i> , 2012, 19, 2773-2793.	1.2	7
120	Multifunctional Small Molecules as Potential Anti-Alzheimer's Disease Agents. <i>Molecules</i> , 2021, 26, 6015.	1.7	7
121	Electrochemistry of Copper(II) Complexes of Dioxocyclam and Dihydroxamate Derivative. <i>Electroanalysis</i> , 2000, 12, 66-71.	1.5	6
122	Zinc(II) Complexation Behaviour of Sulfonamide-Based Enzyme Inhibitors. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3853-3860.	1.0	6
123	N-Arylamine derivatives of 3-hydroxy-4-pyridinones: solution studies and bioevaluation in view of Al-detoxification roles. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 381, 413-419.	1.9	5
124	Redox chemistry of low-pH forms of tetrahemic cytochrome c3. <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 2009-2016.	1.5	5
125	Chemistry and applications of metal complexes. <i>Dalton Transactions</i> , 2013, 42, 5957.	1.6	5
126	The mass spectrometric behaviour of benzohydroxamic and benzothiohydroxamic acids under electron impact. <i>Organic Mass Spectrometry</i> , 1987, 22, 506-512.	1.3	4



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127	The Solution Behavior of Dopamine in the Presence of Mono and Divalent Cations: A Thermodynamic Investigation in Different Experimental Conditions. <i>Biomolecules</i> , 2021, 11, 1312.	1.8	4
128	Kinetics and mechanism of iron exchange in a hydroxamate siderophore analogue complex. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 3123.	1.1	3
129	Molecular recognition of guanosine and 2-acetylaminofluorene-modified guanosine. A comparative study. <i>Supramolecular Chemistry</i> , 1995, 5, 243-253.	1.5	3
130	A new immobilized hydroxypyridinone as a sequestering agent for heavy metal ions. <i>European Physical Journal Special Topics</i> , 2003, 107, 1185-1188.	0.2	3
131	Bifunctional 3-Hydroxy-4-Pyridinones as Potential Selective Iron(III) Chelators: Solution Studies and Comparison with Other Metals of Biological and Environmental Relevance. <i>Molecules</i> , 2021, 26, 7280.	1.7	3
132	Hydroxypyridinone-Based Metal Chelators towards Ecotoxicity: Remediation and Biological Mechanisms. <i>Molecules</i> , 2022, 27, 1966.	1.7	3
133	The Effect of Metal Cations on the Aqueous Behavior of Dopamine. Thermodynamic Investigation of the Binary and Ternary Interactions with Cd <sup>2+</sup> , Cu <sup>2+</sup> and UO <sub>2</sub> <sup>2+</sup> in NaCl at Different Ionic Strengths and Temperatures. <i>Molecules</i> , 2021, 26, 7679.	1.7	3
134	Conformational analysis of a tetrabenzylated dihomooxalix[4]arene. A theoretical study. <i>Computational and Theoretical Chemistry</i> , 1999, 463, 21-26.	1.5	2
135	Gd <sup>III</sup> and Ga <sup>III</sup> complexes with a new tris-3,4-HOPO ligand as new imaging probes: complex stability, magnetic properties and biodistribution. <i>Dalton Transactions</i> , 2022, , .	1.6	2
136	Molecular Recognition of Acetylaminofluorene-and Aminofluorene-modified Guanosine. <i>Supramolecular Chemistry</i> , 2000, 11, 201-215.	1.5	1
137	A New Bi-Functional Receptor for Acetylmino- Fluorene Modified Guanosine. , 1998, , 487-490.		1
138	A Multi-Technique Investigation of the Complex Formation Equilibria between Bis-Deferiprone Derivatives and Oxidovanadium (IV). <i>Molecules</i> , 2022, 27, 1555.	1.7	1