

PUBLICATIONS

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174. Nossol, Y.; Kettenmann, S. D.; Louka, F. R.; Marine, E.; Chen, G.; Fischer, R. C.; Mautner, F. A.; Kulak, N.; Massoud, S. S. *J. Inorg. Biochem.* **2020**, under revision.
"DNA Cleavage and Cytotoxicity of Cu(II) Complexes with Piperazine-bearing Symmetrical Pyridyl Arms".
173. Mautner, F. A.; Bierbaumer, F.; Gyurkac, M.; Fischer, R. C.; Torvisco, A.; Massoud, S. S.; Vicente, R. *Polyhedron* **2020**, 179, 114384. <https://doi.org/10.1016/j.poly.2020.114384>
"Synthesis and Characterization of Lanthanum(III) Complexes Containing 4,4,4-Trifluoro-1-(2-naphthalen-yl)-butane-1,3-dionate".
172. Louka, F. R.; Haq, S. J.; Guidry, H. R.; Williams, B. R.; Henary, M. M.; Fischer, R. C.; Torvisco, A.; Massoud, S. S.; Mautner, F. A. *Inorg. Chim. Acta* **2020**, 500, 119240. <https://doi.org/10.1016/j.ica.2019.119240>
"Polynuclear and Coordination Polymers of Copper(II) Complexes Assembled by Flexible Polyamines and Bridging Rigid N-Heterocyclic Multicarboxylates".
171. Mautner, F. A.; Jantscher, P.; Fischer, R. C.; Torvisco, A.; Vicente, R.; Karsili, T. N. V.; Massoud, S. S. *Magnetochemistry* **2019**, 5, 41; [doi:10.3390/magnetochemistry5030041](https://doi.org/10.3390/magnetochemistry5030041) (invited).
"Structure, DFT Calculations and Magnetic Characterization of Coordination Polymers of Bridged Dicyanamido-metal(II) Complexes".
170. Mautner, F. A.; Berger, C.; Fischer, R. C.; Massoud, S. S.; Speed, S.; Vicente, R. *Polyhedron* **2019**, 170, 622–629. <https://doi.org/10.1016/j.poly.2019.06.034>
"Azido-cobalt(II) Coordination Polymers Exhibiting Slow Magnetic Relaxation and Metamagnetic Transition".
169. Mautner, F. A.; Jantscher, P.; Fischer, R. C.; Torvisco, A.; Vicente, R.; Karsili, T. N. V.; Massoud, S. S. *Polyhedron* **2019**, 166, 34–43. <https://doi.org/10.1016/j.poly.2019.03.038>
"Synthesis and Characterization of 1D Coordination Polymers of Metal(II)-dicyanamido Complexes"
168. Massoud, S. S.; Louka, F. R.; Tusa, A.F.; Bordelon, N. E.; Fischer, R. C.; Mautner, F. A.; Vančo, J.; Hošek, J.; Dvořák, Z.; Trávníček, Z. *New J. Chem.* **2019**, 43, 6186 - 6196. DOI: [10.1039/C9NJ00061E](https://doi.org/10.1039/C9NJ00061E)
"Copper(II) Complexes Based on Tripodal Pyridyl-amine Derivatives as Efficient Anticancer Agents".
167. Mautner, F. A.; Traber, M.; Jantscher, P.; Fischer, R. C.; Reichmann, K.; Vicente, R.; Arafat, N.; Massoud, S. S. *Polyhedron* **2019**, 161, 309-316.
"Thiocyanato-metal(II) and Azido-cobalt(III) Complexes with Hydroxymethylpyridines".
166. Mautner, F. A.; Fischer, R. C.; Torvisco, A.; Henary, M. M.; Milner, A.; DeVillier, H.; Karsili, T. N. V.; Louka, F. R.; Massoud, S. S. *Crystals* **2019**, 9, 38. [doi:10.3390/cryst9010038](https://doi.org/10.3390/cryst9010038)
"Steric Effects of Alkyl Substituents at N-Donor Bidentate Amines Direct the Nuclearity, Bonding and Bridging Modes in Isothiocyanato-Copper(II) Coordination Compounds".
165. Mautner, F. A.; Fischer, R. C.; Reichmann, K.; Gullett, E.; Ashkar, K.; Massoud, S. S. *J. Mol. Struct.* **2019**, 1175, 797-803. DOI: [10.1016/j.molstruc.2018.08.022](https://doi.org/10.1016/j.molstruc.2018.08.022)
"Synthesis and Characterization of 1D and 2D Cadmium(II)-2,2'-bipyridine-N,N'-dioxide Coordination Polymers Bridged by Pseudohalides".
164. Mautner, F. A.; Traber, M.; Fischer, R. C.; Torvisco, A.; Reichmann, K.; Speed, S.; Vicente, R.; Massoud, S. S. *Polyhedron* **2018**, 154, 436-442. DOI: [10.1016/j.poly.2018.08.022](https://doi.org/10.1016/j.poly.2018.08.022)
"Synthesis and Structural Characterization of Thiocyanato-4-methoxypyridine-cobalt(II) Complexes with Diverse Geometries and a Bridged 1D Coordination Polymer showing Metamagnetic Transition".
163. Kettenmann, S. D.; Louka, F. R.; Marine, E.; Fischer, R. C.; Mautner, F. A.; Kulak, N.; Massoud, S. S. *Eur. J. Inorg. Chem.* **2018**, 2322-2338. DOI: [10.1002/ejic.201800276](https://doi.org/10.1002/ejic.201800276)
"Efficient Artificial Nucleases for Mediating DNA Cleavage Based on Tuning the Steric Effect in the Pyridyl Derivatives of Tripod Tetraamine-cobalt(II) Complexes".
162. Massoud, S. S.; Henary, M. M.; Maxwell, L.; Martín, A.; Ruiz, E.; Vicente, R.; Fischer, R. C.; Mautner, F. A. *New J. Chem.* **2018**, 42, 2627-2639. DOI: [10.1039/c7nj04150k](https://doi.org/10.1039/c7nj04150k)
"Structure, Magnetic Properties and DFT Calculations of Azido-Copper(II) Complexes with Different Azido-bonding, Nuclearity and Dimensionality".

161. Massoud, S. S.; Louka, F. R.; Ducharme, G. T.; Fischer, R. C.; Mautner, F. A.; Vančo, J.; Herchel, R.; Dvořák, Z.; Trávníček, Z. *J. Inorg. Biochem.* **2018**, 180, 39-46. <https://doi.org/10.1016/j.jinorgbio.2017.11.023>
"Copper(II) Complexes Based on Tripodal Pyrazolyl Amines: Synthesis, Structure, Magnetic Properties and Anticancer Activity".
160. Massoud, S. S.; Fischer, R. C.; Mautner, F. A.; Parfait, M. M.; Herchel, R.; Trávníček, Z. *J. Inorg. Chim. Acta* **2018**, 471, 630-639. <https://doi.org/10.1016/j.ica.2017.11.036>
"Pentacoordinate Cobalt(II) Complexes with Neutral Tripodal *N*-Donor Ligands Exhibiting Slow Relaxation of Magnetism".
159. Mautner, F. A.; Berger, C.; Fischer, R. C.; Massoud, S. S.; Vicente, R. *Polyhedron* **2018**, 141, 17-24. <https://doi.org/10.1016/j.poly.2017.11.022>
"Synthesis, Structural Characterization and Magnetic Properties of Mn(II) Isothiocyanate Complexes Based on Pyridine-*N*-oxide Derivative Co-ligands".
158. Louka, F. R.; Junk, T.; Massoud, S. S. *J. Biolog. Inorg. Chem.* **2017**, 22, S137-S137.
"DNA Cleavage by Bicompartamental Dinuclear Metal(II) Complexes".
157. Massoud, S. S.; Fischer, R. C.; Mautner, F., A.; Kettenmann, S. D.; Kulak, N. *J. Biolog. Inorg. Chem.* **2017**, 22, S247-S247. "Development of Efficient Artificial Nucleases for DNA Cleavage Based Pyridyl Tripod Cobalt(II) Complexes".
156. Louka, F. R.; Massoud, S. S.; Haq, T. K.; Koikawa, M.; Mikuriya, M.; Omote, M.; Fischer, R. C.; Mautner, F. A. *Polyhedron* **2017**, 138, 177-184. DOI: [10.1016/j.poly.2017.09.004](https://doi.org/10.1016/j.poly.2017.09.004)
"Synthesis, Structural Characterization and Magnetic Properties of One-dimensional Cu(II)-azido Coordination Polymers".
155. Mautner, F. A.; Traber, M.; Fischer, R. C.; Massoud, S. S.; Vicente, R. *Polyhedron* **2017**, 138, 13-20. DOI: [10.1016/j.poly.2017.09.004](https://doi.org/10.1016/j.poly.2017.09.004)
"Synthesis, Crystal Structures, Spectral and Magnetic Properties of 1-D Polymeric Dicyanamido Metal(II) Complexes".
154. Mautner, F. A.; Berger, C.; Fischer, R. C.; Massoud, S. S.; Vicente, R. *Polyhedron* **2017**, 134, 126-134. DOI: [10.1016/j.poly.2017.06.025](https://doi.org/10.1016/j.poly.2017.06.025)
"Synthesis, Structural Characterization and Magnetic Properties of Polymeric Azido Mn(II) Complexes Based on Methylpyridine-*N*-oxide Co-ligands".
153. Mautner, F. A.; Berger, C.; Gspan, C.; Sudy, B.; Fischer, R. C.; Massoud, S. S. *Polyhedron* **2017**, 130, 136-144. DOI: [10.1016/j.poly.2017.04.012](https://doi.org/10.1016/j.poly.2017.04.012)
"Pyridyl and Triazole Ligands Directing the Assembling of Zinc(II) into Coordination Polymers with Different Dimensionality Through Azides".
152. Massoud, S. S.; Williams, G. F.; Louka, F. R.; Henary, M. M.; Herchel, R.; Trávníček, Z.; Fischer, R. C.; Mautner, F. A. *New J. Chem.* **2017**, 41, 3846-3856. Doi: [10.1039/C6NJ03943J](https://doi.org/10.1039/C6NJ03943J)
"Croconato-bridged Copper(II) Complexes. Synthesis, Structure and Magnetic Characterization".
151. Mautner, F. A.; Fischer, R. C.; Rashmawi, L. G.; Louka, F. R.; Massoud, S. S. *Polyhedron* **2017**, 124, 237-242. Doi: [10.1016/j.poly.2017.01.001](https://doi.org/10.1016/j.poly.2017.01.001)
"Structural Characterization of Metal(II) Thiocyanato Complexes Derived from Bis(2-(1-H-pyrazol-1-yl)ethyl)-amine".
150. Mautner, F. A.; Fischer, R. C.; Tran, D. H.; Acevedo, A. R.; Massoud, S. S. *Crystals* **2016**, 6, 91 (invited). doi: [10.3390/cryst6080091](https://doi.org/10.3390/cryst6080091). <http://www.mdpi.com/2073-4352/6/8/91>
"Metal(II) Complexes of Compartmental Polynuclear Schiff Bases Containing Phenolate and Alkoxy Groups".
149. Massoud, S. S.; Ledet, C. C.; Junk, T.; Bosch, S.; Comba, P.; Herchel, R.; Hošek, J.; Trávníček, Z.; Fischer, R. C.; Mautner, F. A. *Dalton Trans.* **2016**, 45, 12933-12950. DOI: [10.1039/C6DT02596J](https://doi.org/10.1039/C6DT02596J)
"Dinuclear Metal(II)-acetato Complexes Based on Bicompartamental 4-Chlorophenol: Synthesis, Structure, Magnetic Properties, DNA Interaction and Phosphodiester Hydrolysis".
148. Herchel, R.; Dvořák, Z.; Trávníček, Z.; Mikuriya, M.; Louka, F. R.; Mautner, F. A.; Massoud, S. S. *Inorg. Chim. Acta* **2016**, 451, 102-110. <http://dx.doi.org/10.1016/j.ica.2016.06.030>
"Cobalt(II) and Copper(II) Covalently and Non-covalently Dichlorido-bridged Complexes of an Unsymmetrical Tripodal pyrazolyl-pyridyl Amine Ligands: Structures, Magnetism and Cytotoxicity".

147. Mautner, F. A.; Berger, C.; Domian, E.; Fischer, R. C.; Massoud, S. S. *J. Mol. Struct.* **2016**, 1122, 234-238. <http://dx.doi.org/10.1016/j.molstruc.2016.06.004>
"Synthesis and Characterization of Polymeric azido Zn(II) and Ni(II) Complexes Based on 3-Hydroxypyridine Co-ligand".
146. Mautner, F. A.; Berger, C.; Fischer, R. C.; Massoud, S. S. *Inorg. Chim. Acta* **2016**, 448, 34-41. <http://dx.doi.org/10.1016/j.ica.2016.04.016>
"Coordination Polymers of Azido and Thiocyanato Cd(II) and Zn(II) Complexes Based on 2,6-Lutidine-*N*-oxide. Synthesis, Characterization and Luminescent Properties".
145. Mautner, F. A.; Berger, C.; Fischer, R. C.; Massoud, S. S. *Polyhedron* **2016**, 111, 86-93. <http://dx.doi.org/10.1016/j.poly.2016.03.030>
"Synthesis, Characterization and Luminescent Properties of Polymeric Cadmium(II) Bridged Thiocyanato and Mononuclear Thiocyanato-zinc(II) Complexes of Pyridine-*N*-oxide Derivatives".
144. Massoud, S. S.; Louka, F. R.; Gazzaz, M.; Henary, M. M.; Fischer, R. C.; Mautner, F. A. *Polyhedron* **2016**, 111, 45-52. <http://dx.doi.org/10.1016/j.poly.2016.03.013>
"Polynuclear Copper(II) Complexes Bridged by Polycarboxylates of Aromatic and *N*-heterocyclic Compounds".
143. Mautner, F. A.; Berger, C.; Massoud, S. S. *J. Mol. Struct.* **2016**, 1110, 114-118. <http://dx.doi.org/10.1016/j.molstruc.2016.01.049>
"Synthesis and Characterization of Two 1D Polymeric Zinc(II) Azido Complexes Derived from Pyridine-*N*-oxide Co-ligands".
142. Mautner, F. A.; Berger, C.; Fischer, R. C.; Massoud, S. S. *Inorg. Chim. Acta* **2016**, 439, 69-76.
"Synthesis, Characterization and Luminescence Properties of Zinc(II) and Cadmium(II) Pseudohalide Complexes Derived from Quinoline-*N*-oxide".
141. Massoud, S. S.; Junk, T.; Louka, F. R.; Herchel, R.; Travnicek, Z.; Fischer, R. C.; Mautner, F. A. *RSC Adv.* **2015**, 5, 87139 - 87150. DOI: [10.1039/c5ra19358c](https://doi.org/10.1039/c5ra19358c)
"Synthesis, Structure and Magnetic Characterization of Dinuclear Copper(II) Complexes Bridged by Bicompartamental Phenolate".
140. Massoud, S. S.; Louka, F. R.; Mautner, F. A. *CrystEngComm*, **2015**, 17, 7604-7617 (Invited). DOI: [10.1039/C5CE01322D](https://doi.org/10.1039/C5CE01322D)
"Polynuclear and Polymeric Squarato-Bridged Metal(II) Complexes".
139. Mautner, F. A.; Fischer, R. C.; Mikuriya, M.; Tomohara, S.; Deniger, M. D.; Massoud, S. S. *Polyhedron*, **2015**, 102, 82-87. <http://dx.doi.org/10.1016/j.poly.2015.07.073>
"Structural Characterization of $\mu_{1,2}$ - and $\mu_{1,3}$ -bridged-squarato 1D Metal(II) Coordination Polymers".
138. Massoud, S. S.; Junk, J.; Herchel, R.; Travnicek, Z.; Mikuriya, M.; Fischer, R. C.; Mautner, F. A. *Inorg. Chem. Commun.*, **2015**, 60, 1-3. <http://dx.doi.org/10.1016/j.inoche.2015.07.010>
"Structural Characterization of Ferromagnetic Bridged-Acetato and-Dichlorido Copper(II) Complexes Based on Bicompartamental 4-*t*-Butylphenol".
137. Massoud, S. S.; Louka, F. R.; Al-Hasan, M. A.; Vicente, R.; Mautner, F. A. *New J. Chem.*, **2015**, 39, 5944-5952. <http://dx.doi.org/10.1039/C5NJ00285K>
"Magneto-structural Properties of Carbonato-bridged Copper(II) Complexes. Fixation of Atmospheric CO₂".
136. Massoud, S. S.; Louka, F. R.; David, R. N.; Dartez, M. J.; Nguyn, Q. L.; Labry, N. J.; Fischer, R. C.; Mautner, F. A. *Polyhedron*, **2015**, 90, 258-265. <http://dx.doi.org/10.1016/j.poly.2015.02.014>
"Five-coordinate Thiocyanato- and Azido-metal(II) Complexes Based Pyrazolyl ligands"
135. Massoud, S. S.; Spell, M.; Ledet, C.; Junk, T.; Herchel, R.; Fischer, R. C.; Travnicek, Z.; Mautner, F. A. *Dalton Trans.* **2015**, 44, 2110-2121. "Magnetic and Structural Properties of Dinuclear Singly Bridged-Phenoxido Metal(II) Complexes" <http://dx.doi.org/10.1039/C4DT03508A>
134. Mautner, F. A.; Scherzer, M.; Berger, C.; Fischer, R. C.; Massoud, S. S. *Inorg. Chim. Acta* **2015**, 425, 46-51. <http://dx.doi.org/10.1016/j.ica.2014.10.018>
"Synthesis, Characterization and Luminescence Properties of Zinc(II) Complexes of Pseudohalides and Nitrite Derived from 4-Azido-pyridine".
133. Mautner, F. A.; Scherzer, M.; Berger, C.; Fischer, R. C.; Vicente, R.; Massoud, S. S. *Polyhedron* **2015**, 85, 329-336. <http://dx.doi.org/10.1016/j.poly.2014.08.012>

"Synthesis and Characterization of Three New 1-D Polymeric $[M_2(4\text{-azidopyridine})_4(\mu_{1,1}\text{-N}_3)_2(\mu_{1,3}\text{-N}_3)_2]_n$ ($M = \text{Ni, Co, Cd}$) Complexes".

132. Mautner, F. A.; Mikuriya, M.; Naka, Y.; Louka, F. R.; Massoud, S. S. *Polyhedron* **2015**, 85, 110-116. <http://dx.doi:10.1016/j.poly.2014.08.040>
"Bonding $\mu_{1,3}$ - (*trans*) vs $\mu_{1,2}$ - (*cis*) in Squarato-bridging Dinuclear Copper(II) Complexes Derived from Pyridyl Amine Ligands".
131. Mautner, F. A.; Scherzer, M.; Berger, C.; Fischer, R. C.; Vicente, R.; Massoud, S. S. *Polyhedron* **2015**, 85, 20-26. <http://dx.doi:10.1016/j.poly.2014.08.031>
"Synthesis and Characterization of Five New Thiocyanato- and Cyanato-metal(II) Complexes with 4-Azidopyridine as Co-ligand".
130. Massoud, S. S.; Junk, T.; Mikuriya, M.; Naka, N.; Mautner, F. A. *Inorg. Chem. Commun.* **2014**, 50, 48-50. <http://dx.doi:10.1016/j.inoche.2014.10.027>
"Synthesis, Structure and Magnetic Characterization of Dinuclear Copper(II) Complexes of 2,6-Bis[bis(pyridine-2-ylmethyl)aminomethyl]-4-methylpyridine".
129. Massoud, S. S.; Spell, M.; Haq, Z. K.; Mautner, F. A. *Transition Metal Chem.* **2014**, 39, 585-591. <http://dx.doi:10.1007/s11243-014-9837-6>
"fac-Cobalt(III)-azido Complexes Derived from Substituted Pyridyl Based Tridentate Amines".
128. Massoud, S. S.; Perkins, R. S.; Louka, F. R.; Xu, W.; Le Roux, A.; Dutercq, Q.; Fischer, R. C.; Mautner, F. A.; Handa, M.; Hiraoka, Y.; Kreft, G. L.; Bortolotto, T.; Terenzi, H. *Dalton Trans.* **2014**, 43, 10086-10103. <http://dx.doi:10.1039/C4DT00615A>
"Efficient Hydrolytic Cleavage of Plasmid DNA by Chloro-cobalt(II) Complexes Based on Sterically Hindered Pyridyl Tripod Tetraamine Ligands: Synthesis, Crystal Structure and DNA Cleavage Activity".
127. Massoud, S. S.; Dubin, M.; Guilbeau, A. E.; Spell, M.; Vicente, R.; Wilfling, P.; Fischer, R. C.; Mautner, F. A. *Polyhedron* **2014**, 78, 135-140. <http://dx.doi:10.1016/j.poly.2014.04.025>
"Azido- and Thiocyanato-cobalt(II) Complexes Based Pyrazole Ligands"
126. Massoud, S. S.; Gallo, A. A.; Dartez, M. J.; Gautreaux, J. G.; Vicente, R.; Albering, J. H.; Mautner, F. A. *Inorg. Chem. Commun.* **2014**, 43, 35-38. <http://dx.doi.org/10.1016/j.inoche.2014.02.004>
"Dinuclear Copper(II) Complexes Bridged by Imidazole-3,5-dicarboxylate"
125. Mautner, F. A.; Berger, C.; Dartez, M. J.; Nguyen, Q. L.; Favreau, J.; Massoud, S. S. *Polyhedron* **2014**, 69, 48-54. <http://dx.doi:10.1016/j.poly.2013.11.019>
"Cadmium(II) and Zinc(II) Azido Complexes with Different Nuclearity and Dimensionality".
124. Massoud, S. S.; Taylor, E.; Liu, Y.; Grebowicz, J.; Vicente, R.; Lalancette, R.; Mukhopadhyay, U.; Bernal, I., Watkins, S. F. *CrystEngComm* **2014**, 16, 175-183. <http://dx.doi:10.1039/C3CE41821A>
"Synthesis, Structure, Thermal, Magnetic Properties and Quantum Mechanical Calculations of Bridged [Bis(di(2-pyridylmethyl)amine)-(μ_2 -1,2-bis(4-pyridyl)ethane)-tetraperchlorato-dicopper(II)] Dihydrate Complex (I)"
123. Mautner, F. A.; Louka, F. R.; Hofer, J.; Spell, M.; Lefèvre, A.; Guilbeau, A. E.; Massoud, S. S. *Cryst. Growth Des.* **2013**, 13, 4518-4525. <http://dx.doi.org/10.1021/cg400998r>
"One-Dimensional Cadmium Polymers with Alternative di(EO/EE) and di(EO/EO/EO/EE) Bridged Azide Bonding Modes".
122. Mautner, F. A.; Koikawa, M.; Mikuriya, M.; Harrelson, E. H.; Massoud, S. S. *Polyhedron* **2013**, 59, 17-23. <http://dx.doi:10.1016/j.poly.2013.04.033>
"Copper(II)-azide Complexes Constructed from Polypyridyl Amine Ligands".
121. Mautner, F. A.; Albering, J. H.; Vicente, R.; Andrepont, C.; Gautreaux, J. G.; Gallo, A. A.; Massoud, S. S. *Polyhedron* **2013**, 54, 158-163. <http://dx.doi:10.1016/j.poly.2013.02.038>
"Synthesis, Structure and Magnetic Investigations of Polycarboxylato-copper(II) Complexes".
120. Massoud, S. S.; Perkins, R. S.; Knierim, K. D.; Comiskey, S. P.; Otero, K. H.; Michel, C. L.; Juneau, W. M.; Albering, J. H.; Mautner, F. A.; Xu, W. *Inorg. Chim. Acta* **2013**, 399, 177-184. <http://dx.doi:10.1016/j.ica.2013.01.020>
"Effect of the Chelate Ring on the Cleavage Activity of DNA by Copper(II) Complexes Containing Pyridyl Groups".

119. Massoud, S. S.; Guilbeau, A. E.; Luong, H. T.; Vicente, R.; Albering, J. H.; Fischer, R. C.; Mautner, F. A. *Polyhedron* **2013**, 54, 26-33. <http://dx.doi.org/10.1016/j.poly.2013.01.033>
"Mononuclear, Dinuclear and Polymeric 1-D Thiocyanato- and Dicyanamido-copper(II) Complexes Based on Tridentate Coligands".
118. Massoud, S. S.; Pujol, K. J.; Mautner, F. A.; Demeshko, S.; Dechert, S.; Meyer, F. *Inorg. Chem. Commun.* **2013**, 30, 65-68. <http://dx.doi:10.1016/j.inoche.2013.01.012>
"Squarato-metal(II) Complexes: Part 6. Synthesis, Structure and Magnetic Characterization of An Usual Squarate-Based 1D Copper(II) Coordination Polymer Composed of Hexanuclear Entities and a Trinucleating Ligand Scaffold"
117. Massoud, S. S.; Louka, F. R.; Obaid, Y. K.; Vicente, R.; Ribas, J.; Fischer, R. C.; Mautner, F. A. *Dalton Trans.* **2013**, 42, 3968-3978. <http://dx.doi:10.1039/C2DT32540C>.
"Metal ions Directing the Geometry and Nuclearity of Azido-metal(II) Complexes Derived from Bis(2-(3,5-dimethyl-1H-pyrazol-1-yl)ethyl)amine".
116. Massoud, S. S.; Vicente, R.; Fontenot, P. R.; Gallo, A. A.; Mikuriya, M.; Albering, J. H.; Mautner, F. A. *Polyhedron* **2012**, 46, 66-73. <http://dx.doi.10.1016/j.poly.2012.07.049>
"Polynuclear Croconato-bridged-Copper(II) Complexes Dreived from Tri- and Tetra-dentate Amines".
115. Louka, F. R.; Stewart, A. D.; Regel, E.; Mautner, F. A.; Demeshko, S.; Meyer, F.; Massoud, S. S. *Inorg. Chem. Commun.* **2012**, 22, 60-64. <http://dx.doi.10.1016/j.inoche.2012.04.038>
"Squarato-Metal(II) Complexes: Part 5. Polynuclear Copper(II) Complexes Bridged by Squarate and Croconate Dianions".
114. Massoud, S. S.; Lemieux, M. C.; Le Quan, L. L.; Vicente, R.; Albering, J. H.; Mautner, F. A. *Inorg. Chim. Acta* **2012**, 388, 71-77. <http://dx.doi.10.1016/j.ica.2012.03.009>
"Dicyanamido-Metal(II) Complexes. Part 6: 1-D Polymeric Copper(II) Complexes Bridging by Dicyanamide. Effect of Copper(II) Salt on the Nature of the Polymeric Product".
113. Louka, F. R.; Nguyen, L. T.; Albering, J. H.; Mautner, F. A.; Massoud, S. S. *Inorg. Chem. Commun.* **2012**, 15, 269-271. <http://dx.doi.10.1016/j.inoche.2011.10.042>
"Unprecedented Formation of a Doubly Bridged μ -Peroxo- μ -pyrazolyldicarboxylatodicobalt(III) Complex".
112. Massoud, S. S.; Le Quan, L.; Gatterer, K.; Albering, J. H.; Fischer, R. C.; Mautner, F. A. *Polyhedron* **2012**, 31, 601-606. <http://dx.doi.10.1016/j.poly.2011.10.011>
"Structural Characterization of Five-Coordinate Copper(II), Nickel(II) and Cobalt(II) Thiocyanato Complexes Derived from Bis(2-(3,5-dimethyl-1-pyrazolyl)ethyl)amine".
111. Mautner, F. A.; Albering, J. H.; Harrelson, E. V.; Gallo, A. A.; Massoud, S. S. *J. Mol. Struct.* **2011**, 1006, 570-575. <http://dx.doi.10.1016/j.molstruc.2011.10.005>
"N-Bonding vs. S-Bonding in Thiocyanato-Copper(II) Complexes".
110. Massoud, S. S.; Louka, F. R.; Xu, W.; Perkins, R.; Vicente, R.; Albering, J. H.; Mautner, F. A. *Eur. J. Inorg. Chem.* **2011**, 3469-3479. <http://dx.doi.10.1002/ejic.201100157>
"DNA Cleavage by Structurally Characterized Dinuclear Copper(II) Complexes Based on Triazine".
109. Xu, W.; Craft, J. A.; Fontenot, P. R.; Barends, M.; Knierim, K. D.; Albering, J. H.; Mautner, F. A.; Massoud, S. S. *Inorg. Chim. Acta* **2011**, 373, 159-166. <http://dx.doi.10.1016/j.ica.2011.04.012>
"Effect of the Central Metal Ion on the Cleavage of DNA by [M(TPA)Cl]ClO₄ Complexes (M = Co^{II}, Cu^{II} and Zn^{II}, TPA = tris(2-pyridylmethyl)amine). An Efficient Artificial Nuclease for DNA Cleavage".
108. Louka, F. R.; Spell, M. L.; Grebowicz, J.; Albering, J. H.; Mautner, F. A.; Massoud, S. S. *J. Mol. Struct.* **2011**, 995, 103-108. <http://dx.doi.10.1016/j.molstruc.2011.03.066>
"Coordination Chemistry of 1,4-Bis[bis(2-pyridylmethyl)aminomethyl]benzene with Copper(II)"
107. Mautner, F. A.; Albering, J. H.; Corbella, M.; Louka, F. R.; Massoud, S. S. *Inorg. Chem. Commun.* **2011**, 14, 702-705. <http://dx.doi.10.1016/j.inoche.2011.02.011>
"A Unique Unit Cell Containing Simultaneous Doubly and Triply Copper(II) Complexes Bridging by 2,4-Pyridine Dicarboxylate. Synthesis, Structural Characterization and Magnetic Properties"
106. Massoud, S. S.; Mautner, F. A.; Louka, F. R.; Demeshko, S.; Dechert, S.; Meyer, F. *Inorg. Chim. Acta* **2011**, 370, 435-443. <http://dx.doi.10.1016/j.ica.2011.02.019>
"Diverse Coordination of Polynuclear Copper(II) Complexes Constructed from Benzene Tetracarboxylate"
105. Massoud, S. S.; Louka, F. R.; Nguyen, T. L.; Mikuriya, M.; Albering, J. H.; Mautner, F. A. *Inorg. Chim. Acta* **2011**, 366, 394-398. <http://dx.doi.10.1016/j.ica.2010.11.014>

“Structural and Magnetic Characterization of 1-D Copper Complexes Constructed from Pyrazole-3,5-dicarboxylate Bridging Multi Cu(II) Centers”.

104. Mautner, F. A.; Albering, J. H.; Vicente, R.; Louka, F. R.; Gallo, A. A.; Massoud, S. S. *Inorg. Chim. Acta* **2011**, 365, 290-296. <http://dx.doi.org/10.1016/j.ica.2010.09.030>
“Copper(II) Complexes Derived from Tripodal Tris[(2-ethyl-(1-pyrazolyl)]amine”.
103. Mautner, F. A.; Louka, F. R.; Gallo, A. A.; Saber, M. R.; Burham, N. B.; Albering, J. H.; Massoud, S. S. *Transition Met. Chem.* **2010**, 35, 613-619. <http://dx.doi.org/10.1007/s11243-010-9371-0>
“Thiocyanato-Cu(II) Complexes Derived from Tridentate Amine Ligand and from Alanine”.
102. Mautner, F. A.; Albering, J. H.; Mikuriya, M.; Massoud, S. S. *Inorg. Chem. Commun.* **2010**, 13, 796-799. <http://dx.doi.org/10.1016/j.inoche.2010.03.051>
“Dicyanamido-Metal(II) Complexes. Part 5: First Example for a Unit Cell Containing Dinuclear and 1-D Polymeric Cu(II) Complexes Bridging by Dicyanamide”.
101. Massoud, S. S.; Deifik, P. J.; Bankole, P. K.; Lalancette, R.; Yee, G.; Tatum, D.; Bernal, I.; Mautner, F. A. *Inorg. Chim. Acta* **2010**, 363, 1001-1007. <http://dx.doi.org/10.1016/j.ica.2009.12.023>
“Structural and Magnetic Characterization of a Novel Series of Dinuclear Cu(II) Complexes Bridging by 2,5-Pyrazine Dicarboxylate”.
100. Massoud, S. S.; Druel, E.; Dufort, M.; Lalancette, R.; Kitchen, J.; Grebowicz, J.; Vicente, R.; Mukhopadhyay, U.; Bernal, I.; Mautner, F. A. *Polyhedron* **2009**, 28, 3849-3857. <http://dx.doi.org/10.1016/j.poly.2009.08.019>
“Versatile Binding Properties of Di-pyridyl Ligands with Cu(II) Complexes. The Syntheses, Structure and Thermal Analysis of Six New Species”.
99. Mautner, F. A.; Taylor, E. R.; Rozas, D. M.; Massoud, S. S. *J. Mol. Struct.* **2009**, 936, 250-256.
“Synthesis and Structural Characterization of Dicopper(II) and Dipalladium(II) Complexes of 1,1,2,2-tetrakis(carboxamido-2-methylpyridyl)ethane”. <http://dx.doi.org/10.1016/j.molstruc.2009.08.003>
98. Mautner, F. A.; Grebowicz, J.; Deifik, P. J.; Perkins, R. S.; Massoud, S. S. *J. Mol. Struct.* **2009**, 93, 69-76.
“Structural Characterization of Copper(II) Complexes Based on a New Binucleating 1,6-Diazecine Ligand”.
97. Mautner, F. A.; Mikuriya, M.; Ishida, H.; Louka, F. R.; Humphrey, J. W.; Massoud, S. S. *Inorg. Chim. Acta* **2009**, 362, 4073-4080. <http://dx.doi.org/10.1016/j.ica.2009.05.066>
“Dicyanamido-Metal(II) Complexes. Part 4. Synthesis, Structure and Magnetic Characterization of Polynuclear Cu(II) and Ni(II) Complexes Bridged by μ -1,5-Dicyanamide”.
96. Massoud, S. S.; Louka, F. R.; Mikuriya, M.; Ishida, H.; Mautner, F. A. *Inorg. Chem. Commun.* **2009**, 12, 420-425.
“Dicyanamido-metal(II) Complexes. Part 3. Hydrolysis of the Dicyanamide into Amidocyanamide During its Interaction with Cu(II) Perchlorate and 2-Pyridylcarbonyl-N,N-bis(2-pyridylmethyl)amine”.
95. Xu, W.; Louka, F. R.; Doulain, P. E.; Landry, C. A.; Mautner, F. A.; Massoud, S. S. *Polyhedron* **2009**, 28, 1221-1228.
“Hydrolytic Cleavage of DNA Promoted by Cobalt(III)-Tetraamine Complexes. Synthesis and Characterization of Carbonatobis[2-(2-pyridylethyl)]-(2-pyridylmethyl)aminecobalt(III) Perchlorate”.
94. LeGuet, T.; Mautner, F. A.; Demeshko, S.; Meyer, F.; Perkins, R. S.; Massoud, S. S. *Inorg. Chem. Commun.* **2009**, 12, 321-324.
“A Novel 1-D Coordination Cu(II) Polymer with Alternating $\mu_{1,3}$ -Squarato and Binucleating Polypyridylamine Bridges”.
93. Mautner, F. A.; Louka, F. R.; Massoud, S. S. *J. Mol. Struct.* **2009**, 921, 333-340.
“Structural Characterization of Some Oxalato-Bridged Copper(II) and Nickel(II) Complexes”.
92. Mautner, F. A.; Louka, F. R.; Le Guet, T.; Massoud, S. S. *J. Mol. Struct.* **2009**, 919, 196-203.
“Pseudohalide Copper(II) Complexes Derived from Polypyridyl Ligands. Synthesis and Characterization”.
91. Massoud, S. S.; Mautner, F. A.; Vicente, R.; Louka, F. R. *Eur. J. Inorg. Chem.* **2008**, 3709-3717.
“Squarato-metal(II) Complexes. Part 3: $\mu_{1,3}$ - (*trans*) and $\mu_{1,2}$ - (*cis*) Bonding in Squarato-Bridged Dinuclear Copper(II) and Nickel(II) Complexes Derived from Polypyridyl Amines”.
90. Louka, F. R.; Mautner, F. A.; Vicente, R.; Massoud, S. S. *Inorg. Chem. Commun.* **2008**, 11, 438-441.
“ μ_2 -Oxalato-bridged Tri-copper(II) Complex Derived from 1,4,8,12-Tetraazacyclopentadecane. Synthesis, Structure and Magnetic Characterization”.

89. Mautner, F. A.; Soileau, J. B.; Bankole, P. K.; Gallo, A.; Massoud, S. S. *J. Mol. Struct.* **2008**, 889, 271-278. "Synthesis and Spectroscopic Characterization of Dicyanamido-Cu(II) Complexes. Part 2. Crystal Structure of the Complexes of Tris[2-(2-pyridylethyl)]amine, Tris(2-pyridylmethyl)amine and 1,4-Bis[2-(2-pyridylethyl)]piperazine".
88. Vicente, R.; Ruiz, E.; Cano, J.; Massoud, S. S.; Mautner, F. A. *Inorg. Chem.* **2008**, 47, 4648-4655. "Squarato-Metal(II) Complexes. 2. Unusual Bonding Mode for a Squarato-Bridged Trinuclear Copper(II) Complex".
87. Mautner, F. A.; Vicente R.; Louka, F. R.; Massoud, S. S. *Inorg. Chim. Acta* **2008**, 361, 1339-1348. "Dinuclear Fumarato- and Terephthalato-bridged Copper(II) Complexes. Structural Characterization and Magnetic Properties".
86. Massoud, S. S.; Mautner, F.A.; Vicente, R.; Dickens, J. S. *Inorg. Chim. Acta* **2008**, 361, 299-308. "Squarato-metal(II) Complexes. 1: Structural and Magnetic Characterization of Squarato-bridged Dinuclear Nickel(II) and Copper(II) complexes".
85. Massoud, S. S.; Broussard, K. T.; Mautner, F. A.; Vicente R.; Saha, M. K; Bernal, I. *Inorg. Chim. Acta* **2008**, 361, 123-131. "Five-coordinate Cobalt(II) Complexes of Tris(2-pyridylmethyl)amine (TPA). Synthesis, Structural and Magnetic Characterization of A Terephthalato-bridged Dinuclear Cobalt(II) Complex".
84. Massoud, S. S.; Mautner, F. A.; Vicente R.; Gallo, A. A.; Ducasse, E. *Eur. J. Inorg. Chem.* **2007**, 1091-1102. "Dinuclear and Polynuclear Bridged Azido-Nickel(II) Complexes. Synthesis, Structure Determination and Magnetic Properties".
83. Mautner, F. A.; Landry, K. N.; Gallo, A. A.; Massoud, S. S. *J. Mol. Struct.* **2007**, 837, 72-78. "Molecular Structure of Mononuclear Azido- and Diacyanamido-Cu(II) Complexes".
82. Massoud, S. S.; Jeanbatiste, R. R.; Nguyen, T. M.; Louka, F. R.; Gallo, A. A. *J. Coord. Chem.* **2007**, 60, 2409-2419. "Cobalt(III) Complexes of Tripod Amines. Kinetics of Aquation of Dichloro[N-(2-aminoethyl)-N,N-bis(3-aminopropyl)amine]cobalt(III) Ion".
81. Massoud, S. S.; Mautner, F. A.; Vicente, R. *Asian. Chemistry Letters (ACL)* **2007**, 11, 81-92 (invited). "Magneto-structural Properties of Dinuclear Terephthalato-bridged Metal(II) Complexes".
80. Mautner, F. A.; Massoud, S. S. *J. Mol. Struct.*, **2007**, 871, 108-113. "Structures Determination of Picolinato-Copper(II)-Amine Complexes".
79. Sigel, H.; Massoud, S. S.; Song, B.; Griesser, R.; Knobloch, B.; Operschall, B. P. *Chem. A Eur. J.* **2006**, 12, 8106-8122. "Acid Base and Metal Ion-Binding Properties of Xanthosine 5'-Monophosphate (XMP²⁻) in Aqueous Solution. Complex Stabilities, Isomeric Equilibria, and the Extent of Macrochelation".
78. Sigel, H.; Operschall, B. P.; Massoud, S. S.; Song, B.; Griesser, R. *J. Chem. Soc., Dalton Trans.* **2006**, 46, 5521-5529. "Evidence for Intramolecular Aromatic-Ring Stacking in the Physiological pH Range of the Monodeprotonated Xanthine Residue in Mixed-Ligand Complexes Containing Xanthosine 5'-monophosphate".
77. Massoud, S. S.; Mautner, F. A.; Vicente R.; Hunter, N. S. *Inorg. Chim. Acta* **2006**, 359, 1489-1500. "Dinuclear Terephthalato-Bridged Copper(II) Complexes. Syntheses, Spectral, Structural Characterization, and Magnetic Properties".
76. Massoud, S. S.; Mautner, F. A.; Vicente R.; Rodrigue, B. M. *Inorg. Chim. Acta* **2006**, 359, 3321-3329. "Dinuclear Terephthalato-Bridged Nickel(II) Complexes. Structural Characterization and Magnetic Properties".
75. Mautner, F. A.; Vicente, R.; Massoud, S. S. *Polyhedron* **2006**, 25, 1673-1680. "Structure Determination of Nitrito- and Thiocyanato-copper(II) Complexes. X-ray Structures of [Cu(Medpt)(ONO)(H₂O)]ClO₄ (**1**), [Cu₂(dien)(ONO)₂]ClO₄ (**2**) and [Cu₂(Medpt)₂(μ_{N,S}-NCS)₂](ClO₄)₂ (**3**) (Medpt = 3,3'-diamino-N-methyl-dipropylamine and dien = diethylenetriamine)".
74. Massoud, S. S.; Mautner, F. A. *Inorg. Chim. Acta* **2005**, 358, 3334-3340. "Synthesis and Structure Determination of Two New Dinuclear End-to-end Doubly Bridged Azido- and Thiocyanato-copper(II) Complexes Derived from Diethyldiethylenetriamine".

73. Escuer, A.; Font-Bardia, M.; Massoud, S. S.; Mautner, F. A.; Penalba, E.; Solans, X.; Vicente R. *New J. Chem.* **2004**, 28, 681-686.
"Three New Dinuclear Copper(II) Complexes with $[\text{Cu}(\mu_{1,3}\text{-N}_3)_2\text{Cu}]^{2+}$ and $[\text{Cu}(\mu_{1,1}\text{-N}_3)_2\text{Cu}]^{2+}$ Assymetrical Cores: Syntheses, Structure and Magnetic Behavior".
72. Massoud, S. S.; Mautner, F. A. *Inorg. Chem. Commun.* **2004**, 7, 559-562.
"Synthesis, Characterization and Crystal Structure of 1,4-Bis(3-aminopropyl)piperazineperchlorato-copper(II) Perchlorate".
71. Mukhopadhyay, U.; Bernal, I.; Massoud, S. S.; Mautner, F. A. *Inorg. Chim. Acta* **2004**, 357, 3673-3682.
"Syntheses, Structures and Some Electrochemistry of Cu(II) Complexes With Tris[(2-pyridyl)methyl] amine: $[\text{Cu}\{\text{N}(\text{CH}_2\text{-py})_3\}(\text{N}_3)]\text{ClO}_4$ (I), $[\text{Cu}\{\text{N}(\text{CH}_2\text{-py})_3\}(\text{NO}_2)]\text{ClO}_4$ (II) and $[\text{Cu}\{\text{N}(\text{CH}_2\text{-py})_3\}(\text{NCS})]\text{ClO}_4$ (III)".
70. Mukhopadhyay, M.; Bernal, I.; Yufit, D. S.; Howard, J. A. K.; Massa, L.; Gindulyte, A.; Todaro, L.; Massoud, S. S. *Inorg. Chim. Acta* **2004**, 357, 4121-4128.
"Polymorphism in $[(\text{polyamine})\text{Co}(\text{NO}_2)_x]\text{Y}$ Crystals Caused by Changes in Torsional Angles of the (Amine)N-Co-N-O Fragments. ($x = 2, Y = \text{NO}_3^-$; $x = 3, Y = 0$)".
69. Massoud, S. S.; Corfù, N. A.; Griesser, R.; Sigel, H. *Chem. A Eur. J.* **2004**, 10, 5129-5137.
"Acid-Base Properties of Xanthosine 5'-Monophosphate (XMP) and of Some Related Nucleobase Derivatives in Aqueous Solution. Micro-Acidity-Constant Evaluations of the (N1)H versus (N3)H Deprotonation Ambiguity".
68. Massoud, S. S. *Inorg. Chim. Acta* **2002**, 339C, 83-88.
"Kinetics and Mechanism of the Ligand Hydrolysis Reactions of (Hexafluoroacetylacetonato)(tetraamine)-cobalt(III) Complexes. Reactivity Patterns".
67. El-Subruiti, G. M.; Chehata, A. Z.; Massoud, S. S. *Int. J. Chem. Kinetics* **2002**, 34, 1-6.
"Influence of Solvent Structure on the Aquation of κ -Chloro(diethylenetriamine)(ethylenediamine)cobalt(III) Ion in Water and Mixed Aqueous Solvents".
66. Massoud, S. S.; Chun, H.; Bernal, I. *J. Coord. Chem.* **2002**, 55, 619-626.
"Chromium(III) Complexes with Quadridentate Amines. Crystal Structure of $[\text{cis-}\beta\text{-Cr}(\text{triene})(\text{C}_2\text{O}_4)]\text{Cl}\cdot 2\text{H}_2\text{O}$ (I) and $[\text{Cr}_2(\mu\text{-OH})_2(\mu\text{-tren})_2]\text{Br}_4\cdot 2\text{H}_2\text{O}$ (II)".
65. Massoud, S. S.; Chun, H.; Wen R.; Bernal, I. *J. Coord. Chem.* **2002**, 55, 1065-1078.
"Synthesis and Characterization of Nitrate-triamine-metal(II) Complexes. Crystal Structure of $\text{Ni}(\text{dien})(\text{O}_2\text{NO})(\text{ONO}_2)$ (I), $\{\text{Cu}(\text{dien})(\mu\text{-ONO}_2)\}\text{NO}_3\}_\infty$ (II), $\text{Zn}(\text{dien})(\text{O}_2\text{NO})(\text{ONO}_2)$ (III), $\text{Ni}(\text{Medpt})(\text{O}_2\text{NO})(\text{ONO}_2)$ (IV) and $\text{Cu}(\text{Medpt})(\text{O}_2\text{NO})_2$ (V)".
64. Wen, R.; Massoud, S. S.; Bernal, I. *J. Coord. Chem.* **2001**, 53, 249-268.
"The Phenomenon of Conglomerate Crystallization: Part 54. The Crystallization modes of Five New Complexes $[\text{trans-}(3,2,3\text{-tet})\text{Co}(\text{III})\text{X}_2]\text{Y}$, $\text{X} = \text{NO}_2^-, \text{CN}^-, \text{NCS}^-$ ".
63. Ramadan, M. Sh.; Massoud, S. S.; Kawana, A. I. *Bull. Electrochem.* **2001**, 17, 465-472.
"Electrical Conductivity of Cobalt(III) Complexes of Carbonato-tetraamine Perchlorate in Aqueous Media at Different Temperatures".
62. El-Subruiti, G. M.; Massoud, S. S. *Transition Met. Chem.* **2000**, 25, 344-346.
"Solvent Effects on the Initial and Transition States for the Solvolysis of *trans*-Dichlorobis(N-methylethylenediamine)cobalt(III) Complex in Water-Dimethylsulfoxide Mixtures".
61. Massoud, S. S.; Mautner, F. A.; Abu-Youssef, M. A. M. *Crystal Research & Technology* **2000**, 35, 1229-1236.
"Crystal Structure of the Carbonato-Amine-Cobalt(III) Complex $[\text{Co}(\text{L}^1)\text{CO}_3]\text{ClO}_4$ with Aminoalkyl Pendant-Arm $[\text{12}]ene\text{N}_4$, $\text{L}^1 = 9\text{-}(3\text{-aminopropyl})\text{-1,5,9-Triazacyclododecene}$ ".
60. Chun, H.; Massoud, S. S.; Wen, R.; Bernal, I. *Polyhedron* **1999**, 18, 3647-3652.
"The Phenomenon of Conglomerate Crystallization. Part 52. Stereochemical Control of the Crystallization Pathway by Small Alterations of Ligands".
59. Massoud, S. S.; Mautner, F. A.; Abu-Youssef, M.; Shuaib, N. M. *Polyhedron* **1999**, 18, 2287-2291.
"Azido-Amine-Cobalt(III) Complexes. Crystal Structure of *cis*- $[\text{Co}(\text{tren})(\text{N}_3)_2]\text{ClO}_4$ and *trans*- $[\text{Co}(3,2,3\text{-tet})(\text{N}_3)_2]\text{ClO}_4$ ".

58. Massoud, S. S.; Mautner, F. A.; Abu-Youssef, M.; Shuaib, N. M. *Polyhedron* **1999**, 18, 2061-2067. "Synthesis and Characterization of Binuclear and Polymeric Five-Coordinate Copper(II) Complexes derived from 3,3',3''-Triaminotripropylamine Ligand (trpn). Crystal Structure of [Cu(trpn)(N₃)ClO₄] (I) and [Cu₂(tren)(trpn)(NO₂)(H₂O)](ClO₄)₃ (II)".
57. Wen, R.; Bernal, I.; Massoud, S. S.; Thalji, R. K.; Billodeaux, D. R.; Fronczek, F. R. *Inorg. Chim. Acta* **1999**, 295, 91-105. "Crystal Structures and Magnetic Studies of Six New Nickel(II) Amine μ -Oxalato Compounds".
56. Bernal, I.; Cai, J.; Somoza, F.; Massoud, S. S. *J. Coord. Chem.* **1999**, 46, 533-550. "The Phenomenon of Conglomerate Crystallization. Part 50. The Crystallization Behavior of [trans-Co(en)₂(NO₂)₂]ClO₄ (I), Meso-[trans-Co(N-Me-ethylenediamine)₂(NO₂)₂]ClO₄ (II), K[trans-Co(β -alaninato)₂(NO₂)₂] (III) and the Isolation and Partial Structure Description of (H₅O₂)[trans-Co(β -alaninato)₂(NO₂)₂] (IV)".
55. El-Sayed, L.; Iskander, M. F.; Hawash, N. M.; Massoud, S. S. *Polyhedron* **1998**, 17, 199. "Synthesis and Characterization of Nickel(II), Zinc(II), Copper(II), Cobalt(II) and Cobalt(III) Complexes of α -Dicarbonyl-bis(arylhyazone)".
54. Massoud, S. S. *Transition Met. Chem.* **1997**, 22, 583-585. "Cobalt(III) Complexes of 3,3',3''-Triaminotripropylamine (trpn)".
53. Massoud, S. S. *Transition Met. Chem.* **1997**, 22, 304-308. "Kinetics and Mechanism of Decarboxylation of cis-Carbonato- and Bicarbonato(3,3',3''-triaminotripropylamine)cobalt(III) Ions".
52. El-Subruiti, G. M.; Massoud, S. S. *Transition Met. Chem.* **1997**, 22, 14-18. "Kinetics of Aquation of trans-Dichloro(N,N'-dimethylethylenediamine)cobalt(III) Ion in Water-Methanol and in Water -2-Propanol Media".
51. Massoud, S. S.; Kawana, A. I.; El-Batouti, M. *Bull. Electrochem.* **1997**, 13, 80. "Electrical Conductivity of Cobalt(III) Complexes of cis-Tris(2-aminoethylamine)dinitro Halides, Perchlorate and Hexafluoro-phosphate in Aqueous Solutions at 298 K".
50. Bernal, I.; Somoza, F.; Chen, Y.-C.; Massoud, S. S. *J. Coord. Chem.* **1997**, 41, 233-247. "The Phenomenon of Conglomerate Crystallization. Part 48. Two Polymorphs of Racemic trans-[Co(2,3,2-tet)(NO₂)₂]NO₃ (I and II)".
49. Bernal, I.; Somoza, F.; Chen, Y.-C.; Massoud, S. S. *J. Coord. Chem.* **1997**, 41, 207-222. "The Phenomenon of Conglomerate Crystallization. Part 47. Counter ion Control of the Crystallization Pathway. Part 8: The Crystallization Behavior of [trans-Co(3,2,3-tet)(NO₂)₂]ClO₄ (I), [trans-Co(3,2,3-tet)(NO₂)₂]Br.3H₂O (II) and [trans-Co(3,2,3-tet)(NO₂)₂] (III)".
48. Bernal, I.; Somoza, F.; Massoud, S. S.; Shuaib, N. M.; Marafie, H. M. R. *J. Coord. Chem.* **1997**, 40, 45-55. "The Unexpected Syntheses of [Co(picam)₃]³⁺ Salts and the Crystal Structure of [Co(picam)₃]₃.H₂O (I)".
47. Bernal, I.; Cai, J.; Massoud, S. S.; Watkins, S. F.; Fronczek, F. *J. Coord. Chem.* **1996**, 38, 165-181. "The Phenomenon of Kryptoracemic Crystallization. Part 1: Counterion Control of Crystallization Pathway Selection. Part 4: The Crystallization Behavior of (+/-)-[Co(tren)(NO₂)₂]Br (I), (+/-)-[Co(tren)(NO₂)₂]₂Br(ClO₄).H₂O (II), (+/-)-[Co(tren)(NO₂)₂]ClO₄ (III) and Attempts to Solve the Structure of (+/-)-[Co(tren)(NO₂)₂]NO₃ (IV)".
46. El-Subruiti, G. M.; Massoud, S. S.; Chehata, A. K. *Transition Met. Chem.* **1996**, 21, 437-441. "Kinetics of Aquation of trans-Dichloro(N-methylethylenediamine)cobalt(III) Ion in a Water - Methanol Media".
45. Bernal, I.; Cetrullo, J.; Somoza, F.; Ricci, J. S. Jr; Lewis, R.; Massoud, S. S. *J. Coord. Chem.* **1996**, 38, 41-53. "The Phenomenon of Conglomerate Crystallization. Part 42: The Crystallization Mode and Conformational and Configurational Behavior of mer-Trinitro Cobalt Triamines: mer-[Co(NH₃)₃(NO₂)₃] (I) and mer-[Co(dpt)(NO₂)₃] (II)".
44. Kawana, A. I.; Massoud, S. S.; El-Hammamy, N. H. *Bull. Electrochem.* **1996**, 12, 549. "Electrical Conductance of Cobalt(III) Complexes of trans-Bis(propylenediamine)dinitro Halides in Aqueous Solutions at 298 K".
43. El-Hammamy, N. H.; Massoud, S. S.; Zaghoul, A. A. *Bull. Electrochem.* **1995**, 11, 350-354.

"Electrical Conductivity of Cobalt(III) Complexes of Bis(ethylenediamine)Dinitro Halides, Perchlorate and Hexafluorophosphate in Aqueous Solutions at 298 K".

42. Bernal, I.; Cetrullo, J.; Cai, J.; Massoud, S. S. *Structural Chemistry* **1995**, 6, 99-113.
"The Phenomenon of Conglomerate Crystallization. Part 40: The Crystallization Behavior of *Trans*-Cobalt(III) Amines. (+)⁵⁴⁶- *trans*-[Co(3,2,3-tet)(NO₂)₂]Cl·3H₂O (I), (-)⁵⁸⁹-*trans*-[Co(3,2,3-tet)Cl₂]NO₃ (II) and of (+)⁵⁴⁶-*trans*-[Co(3,2,3-tet)(NO₂)₂]NO₃ (III)".
41. Sigel, H.; Massoud, S. S.; Corfu, N. A. *J. Am. Chem. Soc.* **1994**, 116, 2958-2971.
"Comparison of the Extent of Base Backbinding in Complexes of Divalent Metal Ions with Guanine (GMP²⁻), Inosine (IMP²⁻) and Adenosine 5'-Monophosphate (AMP²⁻). The Crucial Role of N-7 Basicity in Metal Ion-Nucleic Base Recognition".
40. Massoud, S. S.; Jordan, R. B. *Inorg. Chim. Acta* **1994**, 221, 9-15.
"The Steric Effect on the Ring Opening Process of the Decarboxylation of Carbonatobis(diamine)cobalt(III) Ions".
39. Massoud, S. S. *J. Inorg. Biochem.* **1994**, 55, 183-191.
"Adenosine 5'-triphosphate (ATP) Hydrolysis Promoted by Aqua-Amine-Cobalt(III) Complexes. Patterns of Reactivity".
38. Massoud, S. S. *Polyhedron* **1994**, 13, 3127-3135.
"Spectroscopic Characterization for the Geometrical Isomers of Azido-Amine-Cobalt(III) Complexes".
37. Massoud, S. S. *Polyhedron* **1994**, 13, 1467-1473.
"Spectroscopic Investigation of Cobalt(III) Complexes of 1,10- Diamino-4,7-diazadecane (3,2,3-tet)".
36. Massoud, S. S.; Labib, L.; Iskander, M. F. *Polyhedron* **1994**, 13, 517-524.
Nickel(II) Chelates of Unsaturated Aroylhydrazones and Their Reactions with Pyridines".
35. Bernal, I.; Cai, J.; Cetrullo, J.; Massoud, S. S. *Structural Chemistry* **1994**, 5, 265-275.
"The Phenomenon of Conglomerate Crystallization. XXXVII: The Crystallization Behavior of the Cr(III) and Co(III) Amine Carbonates, [Cr(en)₂CO₃]I (I) and NH₄{[cis-β-Co(trien)CO₃]₂}(PF₆)₃ (II)".
34. Tafesse, F.; Massoud, S. S.; Milburn, R. M. *Inorg. Chem.* **1993**, 32, 1864-1865.
"Amine Ligand Effects in Hydroxo-aqua-tetraamminecobalt(III) Ion Promoted Hydrolysis of Adenosine 5'-triphosphate".
33. Bernal, I.; Myrczek, J.; Cetrullo, J.; Massoud, S. S. *J. Coord. Chem.* **1993**, 29, 319-336.
"The Phenomenon of Conglomerate Crystallization. XXIX: The Crystallization Behavior of Bidentate Carbonato Amines of Co(III). The Crystal Structures of the Racemates [Co(tn)₂CO₃]·H₂O, [Co(tn)₂CO₃]ClO₄, and of [Co(tn)₂CO₃]PF₆".
32. Bernal, I.; Myrczek, J.; Cetrullo, J.; Massoud, S. S. *J. Coord. Chem.* **1993**, 29, 287-306.
"The Phenomenon of Conglomerate Crystallization. XXVIII: The Crystallization Behavior of Oxalato Amines of Co(III). The Crystal Structures of the Racemates [Co(tn)₂ox]Br·H₂O, [Co(tn)₂ox]I·H₂O, [Co(tn)₂ox]ClO₄, and of [Co(tn)₂ox]Cl·H₂O".
31. Bernal, I.; Cetrullo, J.; Myrczek, J.; Massoud, S. S. *J. Coord. Chem.* **1993**, 30, 29-41.
"The Phenomenon of Conglomerate Crystallization. XXVII: The Effect of Charge Compensating Anion on the Crystallization Behavior of [Co(en)₂ox]Cl·4H₂O, [Co(en)₂ox]Br·H₂O, [Co(en)₂ox]PF₆ and [Co(en)₂ox]I".
30. Massoud, S. S. *Bull. Chem. Soc. Ethiop.* **1993**, 7, 11-15.
"Oxalato-Amine-Cobalt(III) Complexes".
29. Bernhardt, P. V.; Comba, P.; Hambly, T.; Massoud, S. S.; Stebler, S. *Inorg. Chem.* **1992**, 31, 2644-2651.
"Synthesis, Characterization and Determination of Solid State and Solution Structures of Binuclear Copper(II) Complexes".
28. Massoud, S. S.; Haiza, M. A. *Polyhedron* **1992**, 11, 1443-1448.
"The preparation and Spectral Properties of 3,3',3''-Triaminotripropylaminecobalt(III) Complexes of Acetate, Acetylacetone and Their Halogeno Derivatives".
27. Massoud, S. S.; Ismail, A. M. *Polyhedron* **1992**, 11, 1269-1276.
"Synthesis and Characterization of Diacetone-tritetraamine-cobalt(III) Complexes and Acid Hydrolysis Kinetics of *cis*-[Co(tn)₂(CH₃CN)₂]³⁺ Ion".
26. Massoud, S. S.; Jordan, R. B. *Inorg. Chem.* **1991**, 30, 4852-4856.

"Kinetics and Equilibrium Studies of the Complexation of Aqueous Iron(III) by Daunomycin, Quinizarin and Quinizarin-2-sulfonate".

25. Massoud, S. S.; Tribolet, R.; Sigel, H. *Eur. J. Biochem.* **1990**, 187, 387-393.
"Metal Ion Governed Molecular Recognition: Extent of Intramolecular Stack Formation in Mixed Ligand Copper(II) Complexes Containing a Heteroaromatic N Base and an Adenosine Monophosphate (2'-AMP, 3'-AMP, 5'-AMP)".
24. Massoud, S. S.; Sigel, H. *Chimia* **1990**, 44, 55-57.
"Ternary Complexes in Solution. Intramolecular Stack Formation in Mixed Ligand Complexes containing Cu(II), 2,2'-Bipyridyl and the 5'-Monophosphate of Inosine (IMP), Guanosine (GMP) or Adenosine (AMP)".
23. Massoud, S. S. *Bull. Soc. Chim. Fr.* **1990**, 127, 496-502.
"Synthesis and Characterization of Codpt(ADP) Complex. Kinetics of its Formation from *fac*-[Codpt(OH)(H₂O)₂]²⁺ and HADP²⁻ Ions".
22. Massoud, S. S.; Milburn, R. M. *J. Inorg. Biochem.* **1990**, 39, 337-349.
"Formation and Dephosphorylation of dptCo(ATP). Comparisons for Triamine- and Tetra-aminocobalt(III) Complexes".
21. Massoud, S. S.; Sigel, H. *Eur. J. Biochem.* **1989**, 179, 451-458.
"Evaluation of the Metal Ion Coordinating Differences Between 2'-, 3'- and 5'-Monophosphates of Adenosine (2'-AMP, 3'-AMP and 5'-AMP)".
20. Massoud, S. S.; El-Sayed, L.; Iskander, M. F. *Inorg. Chim. Acta* **1989**, 160, 209-215.
"Reactivity of Metal Chelates of Sulphur Containing Ligands towards Lewis Bases. Part IV: Reaction of Bis[2(1-methyl-2-oxopropylidenehydrazine-S-methylcarbodithioato)-NSO(-1)]nickel(II) with Amines".
19. El-Shazly, Sh. A.; Massoud, S. S.; Zaghoul, A. A.; Mohamed, M. T; Amira, M. F. *Bull. Soc. Chim. Fr.* **1989**, 6, 780-784.
"Kinetics of Aquation of κ -Chloro(diethylenetriamine)(ethylenediamine)- cobalt(III) Ion in Methanol-Water Medium".
18. Massoud, S. S.; Sigel, H. *Inorg. Chim. Acta* **1989**, 159, 243-252.
"Ternary Complexes in Solution. Intramolecular Hydrophobic and Stacking. Interactions in Mixed Ligand Complexes Containing Cu(II), 2,2'-Bipyridyl or 1,10-Phenanthroline and a Simple Phosphate Monoester, D-Ribose 5'-monophosphate or a Nucleoside 5'-Mono-phosphate with Non-coordinating Base Residue".
17. Massoud, S. S.; Milburn, R. M. *Polyhedron* **1989**, 8, 2389-2391.
"Synthesis and Characterization of Some Octahedral Cobalt(III) Complexes of 3,3',3''-Triaminotripropylamine".
16. Massoud, S. S.; Milburn, R. M. *Polyhedron* **1989**, 8, 415-418.
"Kinetics of Solvolysis of Dihalo(3,3',3''-triaminotripropylamine)cobalt(III) Perchlorate".
15. Massoud, S. S.; Milburn, R. M. *Inorg. Chim. Acta* **1989**, 163, 87-91.
"The Preparation of [Co(tn)₂PO₄] and [Co(trpn)PO₄], and Kinetics of Phosphato Complex Formation from the Highly Reactive [Co(tn)₂(OH)(H₂O)]²⁺ and [Co(trpn)(OH)(H₂O)]²⁺ Cations".
14. Sigel, H.; Massoud, S. S.; Tribolet, R. *J. Am. Chem. Soc.* **1988**, 110, 6857-6865.
"Comparison of Metal Ion Coordinating Properties of Tubercidin 5'-monophosphate (7-deaza-AMP) with those of Adenosine 5'-monophosphate (AMP) and 1,N⁶-Ethanoadenosine 5'-monophosphate (ϵ -AMP). Definite Evidence for Metal Ion-Base Back-binding to N-7, and Extent of Macrochelate Formation in M(AMP) & M(ϵ -AMP)".
13. Massoud, S. S.; Sigel, H. *Inorg. Chem.* **1988**, 27, 1447-1453.
Metal Ion Coordinating Properties of Pyrimidine-Nucleoside 5'-monophosphates (CMP, UMP, TMP) and Simple Phosphate Monoesters Including D-Ribose 5'-monophosphate. Establishment of Relations Between Complex Stability and Phosphate Basicity".
12. Massoud, S. S.; Milburn, R.M. *Polyhedron* **1989**, 8, 275-284.
"Kinetics and Mechanism of Aquation Reactions of Dihalo-, Diacetonitrile- and Bromoacetonitrile(3,3',3''-triaminotripropyl- amine)cobalt(III) Perchlorate".
11. Massoud, S. S.; Milburn, R. M. *Inorg. Chim. Acta* **1988**, 154, 115-119.
"Preparation and ¹³C NMR Study of Carbonato-, Bicarbonato- and Oxalatotetraaminecobalt(III) Complexes".

10. Massoud, S. S.; Milburn, R. M. *Inorg. Chim. Acta* **1988**, 148, 233-240. "Synthesis and Characterization of Triaminecobalt(III) Complexes and Hydrolysis Kinetics of *fac*-[Co(dpt-(H₂O)_nX_{3-n})]ⁿ⁺ (X = Cl, Br; n = 0,1,2)".
9. Massoud, S. S.; Milburn, R. M. *Inorg. Chim. Acta* **1988**, 146, 3-4. "Determination of the Acid Dissociation Constants of Coordinated Water in *cis*-[Co(tn)₂(H₂O)₂]³⁺ Ion".
8. Massoud, S. S.; Sigel, H. *Bull. Chem. Soc. Ethiop.* **1988**, 2, 9-14. "Comparison of the Properties of the Ca²⁺ and Cd²⁺ Complexes of Guanosine 5'-monophosphate (GMP) in Aqueous Solution".
7. Babaqi, A. S.; Mohamed, M. T.; Massoud, S. S.; Amira, M. F. *Transition Metal Chem.* **1988**, 13, 201-204. "Kinetics of Aquation of Chloropentaamminecobalt(III) Perchlorate in Ethyleneglycol Water Media".
6. Massoud, S. S.; Liang, G.; Tripolet, R.; Sigel, H. *Recl Trav Chim Pay B* **1987**, 106, 207-207. "Metal-Ion Coordinating Properties of Adenosine Monophosphates"
5. Massoud, S. S. *Bull. Chem. Soc. Ethiop.* **1987**, 1, 57-63. "Coordination Compounds of Metal Chelates of Sulphur Containing Ligands with Lewis Bases. Reactions of Bis(S-methyl-N-arylidinehydrazine- carbodithioato)nickel(II) Chelates with Pyridine and 1,10-Phenanthroline".
4. Tafesse, F.; Massoud, S. S.; Milburn, R. M. *Inorg. Chem.* **1985**, 24, 2591-2593. Adenosine 5'-Triphosphate (ATP) Hydrolysis Promoted by the Highly Reactive Hydroxo-oaqa(3,3',3''-triaminotripropyl- amine)cobalt(III) Ion. Patterns of Reactivity and Mechanistic Considerations".
3. Iskander, M. F.; El-Sayed, L.; Saddeck*, S.* *Trans. Met. Chem.* **1981**, 6, 27-32. "Reactions of Aroylhydrazones with Copper(II) Salts".
2. Iskander, M. F.; El-Sayed, L.; Saddeck, S.*, Abou-Taleb, M. A. *Trans. Met. Chem.* **1980**, 5, 168-172. "Nickel(II) Chelates with *o*-Hydroxo- and *o*-Methoxybenzaldehyde Aroylhydrazones. An Example of Coordination Isomerism".
1. Iskander, M. F.; Saddeck, S.* *Inorg. Chim. Acta* **1977**, 22, 141-147. "Coordination Compounds of Hydrazine Derivatives with Transition Metals. Nickel(II) Chelates with Aroylhydrazones and their Reactions with Heterocyclic Bases".

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PRESENTATIONS AT PROFESSIONAL MEETINGS

71. Massoud, S. S.; Nossol, Y.; Kettenmann, S. D.; Williams, B.; Milner, A.; Louka, F. R.; Mautner, F. A.; Kulak, N. *ICBIC19 – International Conference on Biological Inorganic Chem., Interlaken, Switzerland, August 11-16, 2019*. "DNA cleavage and Cytotoxicity of Five-coordinate Cu(II) Complexes Based on Piperazine Bearing Pendant Pyridyl Arms". (Invited Speaker)
70. Louka, F. R.; Massoud, S. S.; Tusa, A. F.; Mautner, F. A.; Fisher, R. C.; Vančo, J.; Hošek, J.; Dvořák, Z.; Trávníček, Z. *ICBIC19 – International Conference on Biological Inorganic Chem., Interlaken, Switzerland, August 11-16, 2019*. "Copper(II) Complexes of Tripodal N-donors Pyridyl Ligands as Anticancer Agents".
 69. Massoud, S. S.; Mautner, F. A.; Terenzi, H.; Kulak, N. *The 14th International Symposium on Inorganic Biochemistry (ISIB 2018), Wrocław, Poland, September 5-8, 2018*. "DNA Cleavage by Efficient Artificial Nucleases and Role of the Steric Effect" (Invited Speaker).
68. Massoud, S. S.; Marine, E.; Mautner, F. A.; Kettenmann, S. D.; Kulak, N. *International Conference on Chemistry Progress of Sustainable Development (ICCPD 2017), Alexandria, Egypt, September 23-27, 2017*. "Role of the Steric Effect in Artificial Nucleases of DNA Cleavage by Poly Pyridyl Tripod Cobalt(II) Complexes" (Invited Speaker).
67. Massoud, S. S.; Fischer, R. C.; Mautner, F. A.; Kettenmann, S. D.; Kulak, N. *ICBIC18 – International Conference on Biological Inorganic Chem., Florianópolis, Brazil, July 31-August 4, 2017*. "Development of Efficient Artificial Nucleases for DNA Cleavage Based on Pyridyl Tripod Cobalt(II) Complexes" (Invited Speaker).
66. Louka, F. R.; Junk, T.; Massoud, S. S. *ICBIC18 – International Conference on Biological Inorganic Chem., Florianópolis, Brazil, p-NaO4, July 31-August 4, 2017*. "DNA Cleavage By Bicompartmental Dinuclear Metal(II) Complexes".

65. Massoud, S. S. *The International Conference on Polymer Chem.*, Atlanta, GA, p 19, November 14-16, **2016** (Keynote lecturer). "Squarato-Bridged Metal(II) Coordination Polymers Derived from Polydentate-*N*-donors Amine Derivatives".
64. Massoud, S. S.; Louka, F. R. *The 6th International Conference on Nuclei Acid-Protein Chemical and Structural Biology for Novel Drug Discovery, Chingdu-China*, p 44-45, May 26-28, **2016** (Invited speaker). "Artificial Nucleases for Efficient DNA Cleavage by Mono- and Di-nuclear Metal(II) Complexes".
63. Massoud, S. S. *The 2nd International Conference on Past and Present Research Systems of Green Chemistry, Orlando, FL USA*, September 14-16, **2015** (Invited, plenary Lecture). "Recent Developments of the Fixation of atmospheric CO₂ by Transition Metals and Lanthanide Complexes".
62. Massoud, S.S.; Louka, F. R.; Perkins, R.; Mautner, F. A.; Terenzi, H. 249th ACS Nat. Meeting, Denver, CO, March 22-26, 2015, INOR 807, **2015**. "Cobalt(II) Complexes as Efficient Artificial Nucleases for Hydrolytic Cleavage of DNA"
61. Louka, F. R.; Mautner, F. A.; Massoud, S.S. 249th ACS Nat. Meeting, Denver, CO, March 22-26, 2015, INOR 230, **2015**. "Carbonato-bridged Copper(II) Complexes formed via Fixation of Atmospheric CO₂"
60. Massoud, S. S.; R. Louka, F. R; Mautner, F. A.; Naka, Y.; Mikuriya, M. *2014 Symposium on Coordination Compounds as Molecular Magnetic Materials, Kwansai Gakuin University – School of Science and Technology, Sanda, Japan*, October 11, p-19, **2014**. "Squarato-Bridging Copper(II) Complexes Derived from Polypyridyl Amine Ligands".
59. Mikuriya, M.; Naka, Y.; Junk, T.; Massoud, S. S.; Mautner, F. A. *2014 Symposium on Coordination Compounds as Molecular Magnetic Materials, Kwansai Gakuin University – School of Science and Technology, Sanda, Japan*, October 11, p-42, **2014**. "Dinuclear Copper(II) Complexes of 2,6-Bis[bis(pyridine-2-ylmethyl)aminomethyl]-4-methylphenol".
58. Massoud, S. S: "Efficient Hydrolytic Cleavage of Plasmid DNA by Chloro-cobalt(II) Complexes" at *Kwansai Gakuin University – School of Science and Technology, Sanda, Japan*, October 10, **2014**.
57. Junk, T.; Rallon, E.; Spell, M.; Mautner, F. A.; Massoud, S.S. *SWRM Regional ACS Meeting, Waco, TX*, November 16-19, GEN INORG SWRM 463, **2013**. "Binucleating Phenolic Compounds".
56. Louka, F. R.; Nguyen, Q. L.; Mautner, F. A.; Massoud, S. S. *SWRM Regional ACS Meeting, Waco, TX*, November 16-19, GEN INORG SWRM 465, **2013**. "Cadmium(II) Polymers Bridged Azide with Different Dimensionality".
55. Gallo, A. A.; Dartez, M. J.; Mautner, F. A.; Massoud, S. S. *SWRM Regional ACS Meeting, Waco, TX*, November 16-19, GEN INORG SWRM 466, **2013**. "Dinuclear Copper(II) Complexes of Imidazole-4,5-Dicarboxylate".
54. Massoud, S. S., *Kumamoto Seminar on Complex-based Supramolecule, Kumamoto University – Graduate School of Science and Technology, Kumamoto, Japan*, October 9, p-20, **2013** (invited lecture). "Development of Efficient Artificial Nucleases for DNA Cleavage. Mononuclear Cobalt(II) Complexes Based Pyridyl Tripod Amines".
53. Massoud, S. S.; Mautner, F. A., *2013 Symposium on Coordination Compounds as Molecular Magnetic Materials, Kwansai Gakuin University – School of Science and Technology, Sanda, Japan*, October 20, p-20, **2013** (invited). "1D and 2D Cadmium Polymers with Alternative Bridged Azido Bonding Modes".
52. Febee, F. R.; Vicente, R.; Albering, J. H.; Fischer, R. C.; Scherzer, M.; Mautner, F. A.; Massoud, S.S. *SWRM Regional ACS Meeting, Baton Rouge, LA*, November 4-7. GEN INORG SWRM 249, **2012**. "Metal Ions Direct the Geometrical and Nuclearity of Azido-Metal(II)-bis(2-(3,5-dimethylpyrazol-1-yl)ethyl)amine Complexes".
51. Gallo, A. A.; Andrepont, C.; Mautner, F. A.; Albering, J. H.; Vicente, R.; Massoud, S. S., *SWRM Regional ACS Meeting, Baton Rouge, LA*, November 4-7. GEN INORG SWRM, **2012**. "Copper(II) Complexes Bridged By Polycarboxylate Anions".
50. Massoud, S. S.; Vicente, R.; Mautner, F. A., *2012 Symposium on Coordination Compounds as Molecular Magnetic Materials, Kwansai Gakuin University – School of Science and Technology, Sanda, Japan*,

- October 6, p-18, **2012** (invited lecture). "Azido-Metal(II) Complexes. Diverse Coordination of Bis(2-(3,5-dimethylpyrazolyl)-ethyl)amine with Divalent Metal Ions".
49. Massoud, S. S.; Xu, W.; Louka, F. R.; Mautner, F. A. *Zing Coordination Chemistry Conference 6*, Cancun, México, December 9-13, P30, **2011** (lecture). "DNA Cleavage by Cobalt(II) and Copper(II) Complexes Derived from Pyridyl Based Ligands. Factors Affecting DNA Cleavage".
48. Louka, R. F.; Gallo, A. A.; Le Quan, L.; Lemieux, M. C.; Nguyen, L. M.; Vicente, R.; Mautner, F. A.; Massoud, S. S. *Zing Coordination Chemistry Conference 6*, Cancun, México, December 9-13, P81, **2011**. "1-D Polymeric Copper(II) Complexes Bridging by Dicyanamide".
47. Louka, F. R.; Spell, M.; Arnold, T.; Mautner, F. A.; Demeshko, S.; Meyer, F.; Massoud, S. S., F. A. *SWRM Regional ACS Meeting*, Austin, TX, November 9-12. GEN INORG SWRM 488, **2011**. "Polynuclear Copper(II) Complexes Bridged by Squarate and Croconate Dianions".
46. Massoud, S. S., Jordan R. B. *ChemInform* **2010**, 23(14):64-64. "ChemInform Abstract: Kinetic and Equilibrium Studies of the Complexation of Aqueous Iron(III) by Daunomycin, Quinizarin, and Quinizarin-2-sulfonate".
45. Massoud, S. S.; Louka, R. L.; Xu, W.; Perkins, R. S.; Vicente, R.; Albering, J. H.; Mautner, F. A. *SW/SE Regional ACS Meeting*, New Orleans, LA, December 1-4. INORG 95, **2010** (Lecture/Chairman of the session). "Structural Characterization of Dinuclear Copper(II) Complexes Based on Triazine and their DNA Cleavage Activity".
44. Nguyen, L. T.; Louka, F. R.; Mikuriya, M.; Albering, J. H.; Mautner, F. A.; Massoud, S. S. *SW/SE Regional ACS Meeting*, New Orleans, LA, December 1-4. INORG 195, **2010**. "1-D Copper(II) Complexes Constructed from Pyrazole-3,5-dicarboxylate Bridging Tri-copper(II) Centers".
43. Gallo, A. A.; Louka, F. R.; Mautner, F. A.; Albering, J. H.; Vicente, R.; Massoud S. S. *SW/SE Regional ACS Meeting*, New Orleans, LA, December 1-4. GEN. INORG 240, **2010**. "Mono- and Di-nuclear Copper(II) Complexes Constructed from Tripodal Tris[(2-ethyl-(1-pyrazolyl)]amine (tepza)".
42. Massoud, S. S., Gallo, A. A.; Dechert, S.; Demeshko, S.; Meyer, F.; Mautner, F. A., *239th ACS Nat. Meeting*, San Francisco, CA, March 21-25, INORG 972, **2010**. "Diverse Polynuclear Cu(II) Complexes Bridged by Benzene Tertacarboxylate".
41. Mautner, F. A.; Demeshko, S.; Meyer, F.; Massoud, S. S., *Austrian Chem. Soc. Meeting (GOECH)*, Austria - Vienna **2009**. "Polynuclear Benzenetertacarboxylato Complexes. Structure and Magnetism".
40. Louka, F. R.; Mautner, F. A.; Mikuriya, M.; Massoud, S. S., *237th ACS National Meeting*, Salt Lake City, UT, March 22-26, INOR 1239707, **2009**. "Polynuclear Dicyanamido Copper(II) and Nickel(II) Complexes".
39. Mautner, F. A.; Louka, F. R.; Massoud, S. S., *Austrian Physical Society Meeting*, Austria, September 23, **2008**. "Dicyanamide Metal Complexes".
38. Massoud, S. S.; Mautner, F. A.; Vicente, R., Louka, F. R. Y., *Zing Coordination Chemistry Conference 3*, Cancun, Mexico, March 6-9, 19, **2008** (lecture). "Squarato-bridged Copper(II) Complexes".
37. Massoud, S. S.; Mautner, F. A.; Vicente, R.; Broussard, K. T.; Landry, K. N., *233rd ACS National Meeting*, Chicago, IL, March 25-29, INOR 244, **2007**. "Squarato-Bridged Nickel(II) and Copper(II) Complexes".
36. Massoud, S. S.; Mautner, F. A.; Sodin, B.; Vicente, R.; Broussard, K. T.; Landry, K. N., *9th FIGIPS Meeting in Inorganic Chemistry*, Vienna, Austria, July 4-9, **2007**. "Dinuclear Squarato-Bridged Nickel(II) and Copper(II) Complexes".
35. Massoud, S. S.; Mautner, F. A.; Vicente, R.; Sweeny, H. N. *231th ACS National Meeting*, Atlanta, GA, March 26-30, INOR 182, **2006**. "Dinuclear Terephthalato-Bridged Copper(II) and Nickel(II) Complexes".
34. Bitschnau, B.; Mautner, F. A.; Vicente, R.; Ducasse, E.; Gallo, A. A.; Massoud, S. S. *QIES-06*, CO 1, Barecolna – Spain, September 10-14, **2006**. "New Dinuclear and Polymeric Azido-Bridged Nickel(II) Complexes".
33. Massoud, S. S.; Sweeney, H. N.; Vicente, R.; Sodin, B.; Mautner, R. A. *QIES-06*, CO 1, Barecolna – Spain, September 10-14, **2006**. "Dinuclear Terephthalato-Bridged Copper(II) and Nickel(II) Complexes".

32. Sodin, B.; Mautner, F. A.; Vicente R.; Massoud, S. S.; Sweeney, H. N., *Austrian Physical Society Meeting*, Graz, Austria, September, **2006**. "Terephthalato-Bridged Copper(II) and Nickel(II) Complexes".
31. Bitschnau, B; Mautner, F. A.; Vicente, R.; Ducasse, E.; Gallo, A. A.; Massoud, S. S., *Austrian Physical Society Meeting*, Graz, Austria, September, **2006**. "Azido-Bridged Nickel(II) Complexes".
30. Massoud, S. S.; Hoang, T.; Mautner, F. A., *229th ACS National Meeting*, San Diego, CA, March 13-17, 708, **2005**. "Bridged Azido and Thiocyanato Dinuclear Copper(II) Complexes Derived from Diethyl-diethylenetriamine".
29. Mautner, F. A.; Massoud, S. S.; Escuer, A.; Vicente, R., *Austrian Physical Society Meeting*, Vienna, Austria, Sept. 28-30, **2005**. "Terephthalato-Bridged Magnetic Systems".
28. Massoud, S. S.; Mukhopadhyay, U.; Bernal, I.; Mautner, F. A., *227th ACS National Meeting*, Anaheim, CA, March 28-April 1, 617, **2004**. "Cu(II) Complexes of Tris[(2-pyridyl)methyl]amine: [Cu{N(CH₂-py)₃}X]- ClO₄ (X = N₃⁻, NO₂⁻, NCS⁻)".
27. Massoud, S. S.; Bernal, I.; Mukhopadhyay, U.; Mautner, F. A.; Vicente, V.; R.; Escuer, A., *Austrian Physical Society Meeting*, Linz, Austria, Sept. 28-30, **2004**. "Transition Metal Complexes with Aminated Ligands".
26. Massoud, S. S., *ICCC-32*, Santiago, Chile, **1997**, p. 703 (oral presentaion). "Kinetics and Mechanism of Decarboxylation of *cis*-Carbonato- and Bicarbonato(3,3',3''-triaminotripropylamine)cobalt(III) Ions".
25. Abu-Youssef, M. A. M.; Mautner, F. A.; Massoud, S. S.; Shuaib, N, M., *ICCC-34*, Edinburgh, Scotland, **2000**, P0211. "Azido and Nitrito Co(III) and Cu(II) Complexes with Tetradentate Amines".
24. El-Sayed, L.; Iskander, M. F.; Hawash, N. M.; Massoud, S. S., *The 4th International Conference on Chemistry and its Role in Development*, Mansoura University, Mansoura, Egypt, **1997**, p. 100 (oral presentation). "Nickel(II), Zinc(II), Copper(II), Cobalt(II) and Cobalt(III) Complexes of α -Dicarbonylbis(aroylhydrazone)".
23. El-Subruti, G. M.; Massoud, S. S. *The First International Conference on Basic Sciences and & Advanced Technology*, Assuit University, Assuit, Egypt, **1996**, p. 30-A7-1. "Kinetics of Solvolysis of *Trans*-Dichloro(N,N'-dimethylethylenediamine)cobalt(III) Ion in Water, Water + Methanol and in Water + Propan-2-ol Mixtures".
22. Massoud, S. S.; Bernal, I.; Cai, J., *ICCC-XXX*, Kyoto, Japan, **1994**, PS2-75. "The Crystallization Behaviour of (+/-)-*trans*-[Co(3,2,3-tet)(NO₂)₂]Cl.3H₂O (I), (+/-)- *trans*-[Co(3,2,3-tet)Cl₂]NO₃ (II), (+/-)- *trans*-[Co(3,2,3-tet)(NO₂)₂]NO₃ (III)".
21. Sigel, H.; Kinjo, Y.; Massoud, S. S., *ICCC-XXX*, Kyoto, Japan, **1994**, M4-03. "The Basicity of N-7 and its Effect on the Extent of Macrochelate Formation in Purine Nucleotide Metal Ion Complexes".
20. Bernhardt, P. V.; Comba, P.; Massoud, S. S.; Stebler, S., *ICCC-29*, Lausanne, Switzerland, **1992**, p-433. "Determination of Solution Structures of Weakly Coupled Copper(II) Dimers".
19. Bernhardt, P. V.; Comba, P.; Massoud, S. S.; Stebler, S., *EUROBIC I*, Upon Tyne, UK, **1992**, p-138. "Determination of Solution Structures of Copper(II) Dimers".
18. Bernhardt, P. V.; Comba, P.; Massoud, S. S.; Stebler, S., *International Conference on the Chemistry of the Copper and Zinc Triads*, Edinburgh, UK, **1992**, p-38. "Determination of Solution Structures of Copper(II) Dimers".
17. Bastin, M.; Corfu, N. A.; Liang, G.; Magalhaes, M. C. F.; Massoud, S. S.; Sigel, H., *J. Inorg. Biochem., ICBIC-5*, Oxford, UK, **1991**, p-452. "Nucleic-Base Recognition. Intramolecular Stack Formation in Mixed Ligand Complexes Containing a Purine-Nucleoside Monophosphate (NMP)".
16. Kinjo, Y.; Corfu, N. A.; Massoud, S. S.; Sigel, H., *J. Inorg. Biochem., ICBIC-5*, Oxford, UK, **1991**, p-463. "Comparison of the Extent of Macrochelate Formation in Metal Ion (M⁺²) Complexes of Inosine 5'-monophosphate (IMP²⁻) and Inosine 5'-triphosphate (ITP⁴⁻)".
15. Massoud, S. S.; Jordan, R. B., *74th Canadian Chemist Conference*, Hamilton, Canada, **1991**, 385P. "Kinetic and Equilibrium Studies of the Complexation of Aqueous Iron(III) by Daunomycin, Quinizarin and Quinizarin-2-sulfonate".

14. Corfu, N. A.; Kinjo, Y.; Massoud, S. S.; Sigel, H., *ICCC-28*, Gera, GDR, **1990**, p-1.90. "Comparison of the Extent of Macrocholate Formation in Metal Ion (M^{2+}) Complexes of Guanosine 5'-monophosphate (GMP^{2-}) and Guanosine 5'-triphosphate (GTP^{3-})".
13. Bastin, M.; Corfu, N. A.; Liang, G.; Magalhaes, M. C. F.; Massoud, S. S.; Sigel, H., *Swiss-Italian Meeting*, Parma, Italy, **1990**, p-18. "Intramolecular Stack Formation in Mixed Ligand Complexes Containing a Purine-Nucleoside Monophosphate (NMP)".
12. Magalhaes, M. C. F.; Massoud, S. S.; Corfu, N. A.; Sigel, H., *J. Inorg. Biochem., ICBIC4*, Boston, USA, **1989**, p-295(J045). "Guanosine Monophosphate (GMPs): Protonation and Metal Ion (M^{2+}) Coordination".
11. Zhou, S.; Milburn, R. M.; Massoud, S. S., *J. Inorg. Biochem., ICBIC-4*, Boston, USA, **1989**, 36, p-295(J046). "ATP Hydrolysis Promoted by Co(III)/Mg(II) and other Mixed Metal Ion Systems".
10. Magalhaes, M. C. F.; Massoud, S. S.; Corfu, N. A.; Sigel, H., *Swiss Chemical Society Meeting*, University of Bern, Bern, Switzerland, **1989**, p-99. "Differences in the metal-Ion-Coordinating Properties of the 2'-, 3'- and 5-Monophosphates of Guanosine".
9. Massoud, S. S.; El-Sayed, L.; Iskander, M. F., *ICCC-26*, Porto, Portugal, **1988**, p-B114. "Kinetics and Mechanism of Bis[2-(1-methyl-2-oxopropylidene-hydrazine-S-methylcarbodithioato)(-1)-NSO] nickel(II) with Amines".
8. Massoud, S. S.; Sigel, H., *ICCC-26*, Porto, Portugal, **1988**, p-C49. "Metal Ion Coordinating Properties of the 5'-Monophosphates of Guanosine (GMP^{2-}) and Adenosine (AMP^{2-})".
7. Massoud, S. S.; Liang, G.; Tribolet, R.; Sigel, H., *Swiss Chemical Society Meeting*, University of Bern, Bern, Switzerland, **1988**, p-92. "Adenosine Monophosphate: Protonation and Metal Ion Coordination".
6. Massoud, S. S.; Liang, G.; Tribolet, R.; Sigel, H., *ICBIC-3*, Leiden, Netherlands, **1987**, p -207. "Metal Ion Coordinating Properties of Adenosine Monophosphates".
5. Babaqi, A. S.; Mohamed, M. T.; Massoud, S. S.; Amira, M. F., *ICCC-25*, Nanijing, China, **1987**, p-317. "Kinetics of Aquation of Chloropentaaminocobalt(III) Perchlorate in Ethyleneglycol-Water Media".
4. Massoud, S. S.; Milburn, R. M., *ICCC-24*, Athens, Greece, **1986**, p-708. "Formation and Dephosphorylation of $dptCo(ATP)$. Comparisons for Triamine- and Tetraaminocobalt(III) Complexes".
3. Tribolet, R.; Massoud, S. S.; Sigel, H., *ICCC-24*, Athens, Greece, **1986**, p-786. "Self-Association, Protonation and Macrocholate Formation of Adenosine Monophosphate".
2. Massoud, S. S.; Tafesse, F.; Milburn, R. M.; Hediger, R. M., *ICCC-23*, Boulder, Colorado, USA, **1984**, p-519. "ATP Hydrolysis Promoted by Aqua-aminocobalt(III) Complexes".
1. Iskander, M. F.; Saddeck, S.* *First Egyptian Conference on Materials Sciences and Technology*, University of Tanta, Tanta, Egypt, **1979**, p-43. "Reactions of Heterocyclic Bases with Nickel(II) Chelates of Some Aroylhydrazones".

* Publications before 1982 were reported under my middle name Saddeck, S.; afterwards Massoud, S. S. was used.