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https://louisiana.edu/news-events/news/20200422/ul-lafayette-honors-excellence-eminent-faculty-awards

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HONORS and AWARDS

- 2025: Nominated by UL Lafayette for the *2025 National Chemistry CUR Award for Mentoring Undergraduate Research Students*
- 2020: *Distinguished Professor Award "Eminent Professor"*, UL Lafayette
- 2020: *The Outstanding Undergraduate Research Mentor Award* - The Ray P. Authement College of Sciences UL Lafayette (2017-2018)
- 2012: *Outstanding Professor - The Ray P. Authement College of Sciences*, UL Lafayette
- 2002-2026: *Boudreaux Distinguished Professorship*, UL Lafayette, Lafayette, LA 70504
- 2018-present Appointed as a "*Distinguished Professor*" at Alexandria University, Egypt
- 2004, 2005, 2007: *Summer Research Award,* UL Lafayette.
- 1998: *Rufus Putnam Visiting Professorship*, Ohio University, Athens, OH 45701
- 1994-1995: *Excellence Award for Teaching Chemistry*, Kuwait University, Kuwait
- 1989: *Recipient of Alexandria University Award for Chemistry*, Alexandria Egypt
- 1987 & 1989: *Research Associate Fellowship supported by Swiss National Foundation*, Switzerland
- 1985-1986: *Postdoctoral Fellowship Award from Amt für Ausbildungsbeiträge des Kantons Basel Stadt*, Switzerland.
- 1974: *First Class Honor Award in Chemistry,* Alexandria Agency of Scientific Affair Alexandria, Egypt

Editorial Board Committees for the following journals

- **2019-present**: Editorial Board of *Frontiers in Chemistry-Inorganic Chemistry*: https://loop.frontiersin.org/people/570978/overview
- **2020-present**: Editorial Board of *Chemistry Proceedings:* https://www.mdpi.com/journal/chemproc/editors
- **2020-present**: Editorial Board of *Compounds:* https://www.mdpi.com/journal/compounds/editors
- **2015-present**: Editorial Board of *Magnetochemistry:* *https://www.mdpi.com/journal/magnetochemistry/editors*
- **2016-present**: Editorial Board of *MAYFEB Journal of Chemistry and Chemical Engineering*

- **2016-present:** Editorial Board of *Jacobs Journal of Structural Chemistry*

Guest Editor for Special journals' Issues

- **2024-2025**: *Compounds*: Special Issue: Fluorescence in Lanthanide Coordination Compounds. https://www.mdpi.com/journal/compounds/special_issues/SJT0J2ADC7
- **2023/2024**: *Molecules*: Special Issue: Coordination Complexes of *3d* Metals as Anticancer, Antiviral, Antimicrobial, Antifungal and Anti-inflammatory Agents" https://www.mdpi.com/journal/molecules/about
- **2022/2023**: *Molecules*: Special Issue "Design of Coordination Compounds with Novel Magnetic Properties"
- **2020/2021**: *Magnetochemistry*: Characterization of Coordination Compounds. https://www.mdpi.com/journal/magnetochemistry/special_issues/Characterization_of_Coordination Compounds
- **2021**: *Magnetochemistry*: Lanthanides as Single Molecule Magnets https://www.mdpi.com/journal/magnetochemistry/special_issues/Lanthanides_Single-Molecule_Magnets,
- **2017**: *Crystals*: Advances in Anticancer by Coordination Compounds. http://www.mdpi.com/journal/crystals

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COMLETE LIST of PUBLICATIONS

Citations: > 4970 until December 31st, 2024 (H index 38, average citation 24.07 per item & average citations/year 121.95), *Citation Report Link:* Salah Massoud - Google Scholar

https://scholar.google.com/citations?hl=en&user=nudgUx0AAAAJ&view_op=list_works&sortby=pubdate

Citation Report Link: https://www-webofscience-com.ezproxyprod.ucs.louisiana.edu/wos/alldb/summary/5be52c7a-6101-46ed-bfea-a2aed9da2a3f-010def6939/relevance/1

PATENT: *Massoud, Salah. S. United States Patent & Trademark Office. #63/603,412.*-USA. Copper Complexes as Anticancer Agent. Filed: 26-November-2024.

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198. Massoud, S. S.; Mautner, F. A.; Sakiyama, H.; Louka, F. R.; Salem, N. H. M.; Fischer, R. C.; Torvisco, A.; Guizouarn, T.; Velmurugang, G.; Comba, P.; Pointillart, F. *Eur. J. Inorg. Chem.* **2025** xx-xx (ranked as Hot Paper by the journal), DOI: 10.1002/ejic.202400777
"SMM Behavior in Distorted Trigonal Bipyramid, and Tetrahedral Cobalt(II) Complexes Based on Tripodal Tetradentate Phenolic-amines".

197. Louka, F. R.; Ortte, L. G.; Maier, M. R.; Salem, N. M. H.; Torvisco, A.; Fischer, R. C.; Mautner, F. A.; Massoud, S. S. *J. Mol. Struct.* **2025**, 1323, 140693. https://doi.org/10.1016/j.molstruc.2024.140693
"Synthesis of 1,3-Oxazines Based on Piperazine"

196. Massoud, S. S.; Mautner, F. A.; Louka F. R.; Salem, N. M. H.; Fischer, R. C.; Ana Torvisco, A.; Vančo, J.; Belza, J.; Dvořák, Z.; Trávníček, Z., *Dalton Trans.* **2024**, 53, 12261–12280. DOI: 10.1039/D4DT00942H
"Diverse Geometrical Zinc(II) Complexes Derived from Tripodal Phenoxido-amines as Potent Anticancer Agents".

195. Louka, F. R.; Haghighijoo, Z.; Deshpande, A. A.; Didier, C.; Malek, A. F.; Fischer, R. C.; Torvisco A., Mautner, F. A.; Salem, N. M. H.; Massoud, S. S. *Inorg. Chim. Acta* **2024**, 566, 122027. https://doi.org/10.1016/j.ica.2024.122027
"An Efficient Method for the Construction of Poly-amine Compounds Incorporating Pendant Phenolate Arms".

194. Mautner, F. A.; Fischer, R. C.; Nakashima, K.; Handa, M.; Mikuriya, M.; Salem, N. M. H.; Overby, G. J.; Maier, M. R.; Louka, F. R.; Massoud, S. S. *New J. Chem.* **2023**, 47, 15638 – 15649. doi: 10.1039/D3NJ02380J
"Structure and Magnetic Characterization of Bicompartmental [N6O2] Divalent Metal(II) Complexes of Bis(phenolato) Ligand bearing two Pendant Bis(pyridyl) Amine Arms".

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"Coordinative Diversity of Lanthanum(III), Praseodymium(III), Yttrium(III) and Zinc(II) Complexes Based Cyclen-tetraphenolates".

192. Massoud, S. S.; Louka, F. R.; Dial, M. T.; Salem, N. M. H.; Fischer, R. C.; Torvisco, A.; Mautner, F. A.; Nakashima, K.; Handa, M.; Mikuriya, M. *Molecules* **2023**, 28, 2648. doi.org/10.3390/molecules28062648.
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190. Massoud, S. S;. Louka, F. R.; Salem, N. M. H.; Fischer, R. C.; Torvisco, A.; Mautner, F. A.; Vančo, J.; Belza, J.; Dvořák, Z.; Trávníček, Z. *Eur. J. Med. Chem*. **2023**, 246, 114992. doi.org/10.1016/j.ejmech.2022.114992
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188. Mautner, F. A.; Bierbaumer, F.; Fischer, R. C.; Tubau, A.; Speed, S.; Ruiz, E.; Massoud, S. S.; Vicente, R.; Gomez-Coca, S. *Inorg. Chem.* **2022**, 61, 11124–11136. doi.org/10.1021/acs.inorgchem.2c00958
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187. Mautner, F. A.; Fischer, R. C.; Salem, N. H. M.; Darbonne, A. J.; Silhan; S. L.; Haghighijoo, Z.; Sushant P. Sahu, S. P.; Louka, F. R.; Massoud, S. S., *Inorg. Chim. Acta* **2022**, 535, 120871. doi.org/10.1016/j.ica.2022.120871
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186. Mautner, F. A.; Bierbaumer, F.; Vicente, R.; Speed, S.; Tubau, A.; Font-Bardía, M.; Fischer, R. C.; Massoud, S. S. *Molecules* **2022**, 27, 1129. https://doi.org/10.3390/molecules27031129**.**
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185. Mautner, F. A.; Bierbaumer, F.; Fischer, R. C.; Torvisco, A.; Vicente, R.; Font-Bardía, M.; Tubau, À; Speed, S.; Massoud, S. S. *Inorganics* **2021***,* 9, 74. https://doi.org/10.3390/inorganics9100074
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"Stereochemical Geometries and Photoluminescence in Pseudo-halido-zinc(II) Complexes. Structural Comparison between the Corresponding Cadmium(II) Analogs".

181. Mautner, F. A.; Patricia V. Jantscher, P. V.; Fischer, R. C.; Massoud, S. S.; Speed, S.; Vicente, R. *Polyhedron* **2021**, 204, 115263. https://doi.org/10.1016/j.poly.2021.115263
"Synthesis, Crystal Structures, Spectral, Magnetic and Thermal Properties of 1-D Polymeric Dicyanamido-Metal(II) Complexes".

180. Mautner, F. A.; Jantscher, P. V.; Fischer, R. C.; Torvisco, A.; Reichmann, K.; Salem, N. M. H.; Gordon, K. J.; Louka, F. R.; Massoud. S. S. *Crystals* **2021**, 11, 181. https://doi.org/10.3390/cryst11020181
"Coordination Polymers in Dicyanamido-cadmium(II) with Diverse Network Dimensionalities".

179. Mautner, F. A.; Bierbaumer, F.; Fischer, R. C.; Vicente, R.; Tubau, À.; Ferran, A.; Massoud, S. S. *Crystals* **2021**, 11, 179. https://doi.org/10.3390/cryst11020179
"Structural Characterization, Magnetic and Luminescent Properties of Praseodymium(III)-4,4,4-Trifluoro-1-(2-Naphthyl)butane-1,3-Dionato(1-) Complexes".

178. Kettenmann, S. D.; Nossol, Y.; Louka, F. R.; Legrande, J. R.; Marine, E.; Fischer, R. C.; Mautner, F. A.; Hergl, V.; Kulak, N.; Massoud, S. S. *Inorganics* **2021**, 9,12. doi.org/10.3390/inorganics9020012
"Copper(II) Complexes with Tetradentate Piperazine-based Ligands: DNA Cleavage and Cytotoxicity".

177. Mautner, F. A.; Jantscher, P. V.; Fischer, R. C.; Torvisco, A.; Reichmann, K.; Massoud, S. S. *Transition Met. Chem.* **2020**. doi.org/10.1007/s11243-020-00436-2
"Syntheses, Structural Characterization, and Thermal Behaviour of Metal Complexes with 3-Aminopyridine as Co-ligands".

176. Massoud, S. S.; Perez, Z. E.; Courson, J. R.; Fischer, R. C.; Mautner, F. A.; Vančo, J.; Čajan, M.; Trávníček, Z. *Dalton Trans.* **2020**, 49, 11715 – 11726. doi: 10.1039/D0DT02338H
"Slow Magnetic Relaxation in Penta-coordinate Cobalt(II) Field-Induced Single-ion Magnets (SIMs) with Easy-axis Magnetic Anisotropy".

175. Mautner, F. A.; Fischer, R.C.; Torvisco, A.; Henary, M. M.; Louka, F. R.; Massoud, S. S.; Salem, N. M. H. *Molecules **2020**,* 25, 3376. doi:10.3390/molecules25153376
"Five-coordinated Geometries from Molecular Structures to Solutions in Copper(II) Complexes Generated from Polydentate-N-donor Ligands and Pseudohalides".

174. Mautner, F. A.; Fischer, R. C.; Williams, B. R.; Massoud, S. S.; Salem, N. M. H. *Crystals* **2020**,10(4), 317; https://doi.org/10.3390/cryst10040317
"Hexanuclear Cadmium(II) Cluster Constructed from Tris(2-methylpyridyl)amine (TPA) and Azides".

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. K.; 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/magnetochemistry 5030041 (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, 36-43. 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
"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. doi.org/10.1016/j.poly.2019.01.030
"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
"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
"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.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 R. (Rated Highly Important by the journal)
"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
"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 Bicompartmental 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
"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.org/10.1016/j.poly.2017.09.004
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154. Mautner, F. A.; Berger, C.; Fischer, R. C.; Massoud, S. S.; Vicente, R. *Polyhedron* ***2017***, 134, 126-134. DOI.org/10.1016/j.poly.2017.06.025
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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
"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
"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. http://www.mdpi.com/2073-4352/6/8/91
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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
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"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
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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
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"Synthesis, Characterization and Luminescent Properties of Polymeric Cadmium(II) Bridged Thiocyanato and Mononuclear Thiocyanato-zinc(II) Complexes of Pyridine-*N*-oxide Derivatives".

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PRESENTATIONS AT PROFESSIONAL MEETINGS

77. *The 4th OUM Symposium on Functional Complexes and Their New Applications, Okayama University of Science. Okayama-Japan February 15,* **2025 (**keynote speaker), Copper(II) Complexes as Prospective Agents for Cancer Therapy.

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73. *International Conference of Coordination Chemistr, ICCC 44, Rimini, August 28-September 2, 2022, P146, e-Book 673,* Slow Magnetic Relaxation and Luminescence Properties of in Neodymium(III)-4,4,4-Trifluoro-1-(2- Naphthyl)butane-1,3-dionato Complexes Incorporating Bipyridyl Ligands.

72. Vicente, R.; Tubau, A.; Speed, S,; Mautner, F. A.; Bierbaumer, F.; Fischer, R. C.; Massoud, S. S. *Southeastern Regional Meeting of the American Chemical Society (SERMACS 2021) - Birmingham, AL, November 10-13, **2021**.* Bifunctionality of Neodymium(III) Complexes as Luminescent and Single Molecule Magnets (SMMs) (Invited Speaker).

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