

NKU Department of Chemistry
Research Publications 2017-Present
NKU Chemistry Faculty Member - highlighted
Undergraduate Researchers - underlined

1. Funk H.M.; DiVita D.J.; Sizemore H.E.; Wehrle K.; Miller C.L.; Fraley M.E.; Mullins, A.K.; Guy; A.R.; Phizicky, E.M. and Guy, P.M. Identification of a Trm732 Motif -O-methylation of the tRNA Anticodon Loop by Trm7. *ACS Omega*. **2022** Apr 13. DOI: 10.1021/acsomega.1c07231
2. Wehrle, R.; Rosen, A.; Nguyen, T.; Koons, K., Jump, E.; Stockfish, A. Hare, P.; Atesin, A; T.A.; and Lili Ma Structural Features of Heteroaryl 1,2- *ACS Omega* **2022**, 7, 26650-26660.
3. Shelton, C. L.; Meneely, K. M.; Ronnebaum, T. A.; Chilton, A. S.; Riley, A. P.; Prisinzano, T. E.; Lamb, A. L. Rational inhibitor design for *Pseudomonas aeruginosa* salicylate adenylation enzyme PchD. (16), 3098-3106. DOI: [10.1002/jssc.202001285](https://doi.org/10.1002/jssc.202001285)
5. Gordon, E.; Segal, S.; Sabou, A.-K.; Gemene, K. L., Quantitative determination of dextran sulfate and pentosan polysulfate and their binding with protamine using chronopotentiometry with polyion-selective electrodes. *Anal. Chim. Acta* **2021**, 1149, 338208. DOI: [10.1016/j.aca.2021.338208](https://doi.org/10.1016/j.aca.2021.338208)
6. Hayes, M.; Smith, A.; Arrasmith, C.; Davis, W.; Daniels, C. R., Initial characterization of PDMAEMA:Styrene poro3290.02R90.02R90790000912 0 612 792 reW*nBT/F4 12 Tf1 0 0 1 418

9.



18. McLane, R.D.; Boyle, M.S.; Le, C.-L.L.; Lanzillotta, L.; Taylor, Z.L.; Anthony, S.R.; Tranter, M.; Onorato, A.J., Synthesis and PGE2 inhibitory activity of novel diarylheptanoids. *Bioorg Med Chem Lett* **2018**, 28 (3), 334-338.
DOI: [10.1016/j.bmcl.2017.12.046](https://doi.org/10.1016/j.bmcl.2017.12.046)
19. Cahill, K.; Suttmilller, R.; Oehrle, M.; Sabelhaus, A.; Gemene, K. L., Pulsed Chronopotentiometric Detection of Thrombin Activity Using Reversible Polyion Selective Electrodes. *Electroanalysis* **2017**, 29 (2), 448-455.
DOI: [10.1002/elan.201600401](https://doi.org/10.1002/elan.201600401)
20. Mohammad; J. Mun; A.J. Onorato
influence of distal substitution on the base-induced isomerization of long-chain
Tetrahedron Letters, **2017**