

Full list of publications

50. C. E. Peroza, F. Chen, D.E. Wurster and S. V. *Santhana Mariappan**, "Solubilization of Organics I: ^1H NMR chemical shift perturbations, diffusometry, and NOESY indicate biphenyls internalize in micelles formed by cetyltrimethylammonium bromide", *Magn. Reson. Chem.* **2019** (In press).
49. G. Campillo-Alvarado, K. P. D'mello, D. C. Swenson, S. V. *Santhana Mariappan*, H. Höpfl, H. Morales-Rojas and L. R. MacGillivray, "Exploiting Boron Coordination: B←N Bond Supports a [2+2] Photodimerization in the Solid State and Generation of a Diboron Bis-Tweezer for Benzene/Thiophene Separation", *Angew. Chem. Int. Ed.* **2019**, 58, 1-5.
48. G. Campillo-Alvarado, K. Aslan, M. A. Sinnwell, E. W. Reinheimer, S. V. *Santhana Mariappan*, L. R. MacGillivray, R. H. Gronenman, "A solid-state [2+2] photodimerization involving coordination of Ag(I) ions to 2-pyridyl groups", *J. Coord. Chem.* **2018**, 71, 2875-2883.
47. Q. Chu, A. J. E. Duncan, G. S. Papaefstathiou, T. D. Hamilton, M. B. J. Atkinson, S. V. *Santhana Mariappan* and L. R. MacGillivray, "Putting cocrystal stoichiometry to work: A reactive hydrogen bonded Superassembly enables nanoscale enlargement of a metal-organic rhomboid via a solid state photocycloaddition", *J. Am. Chem. Soc.* **2018**, 140, 4940-4944.
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44. A. I. Lansakara, S. V. *Santhana Mariappan* and F. C. Pigge, "Alkylidene dihydropyridines as synthetic intermediates: Model Studies toward the Synthesis of the Bis(piperidine) Alkaloid Xestoproxamine C", *J. Org. Chem.* **2016**, 81, 10266-10278.
43. O. Wangpradit, A. Rahaman, S. V. *Santhana Mariappan*, G. R. Buettner, L. W. Robertson and G. Luthe, "Breaking the dogma: PCB-derived semi-quinone free radicals do not form covalent adducts with DNA, GSH, and amino acids", *Environ. Sci. Pollut. Res.* **2016**, 23, 2138-2147.
42. R. C. Laird, M. A. Sinnwell, N. P. Nguyen, D. C. Swenson, S. V. *Santhana Mariappan* and L. R. MacGillivray, "Intramolecular [2+2] Photodimerization Achieved in the Solid State via Coordination-driven Self-assembly", *Org. Lett.* **2015**, 17, 3233-3235.

41. S. E. Lehman, Y. Tataurova, P. S. Mueller, S. V. *Santhana Mariappan* and S. C. Larsen, "Ligand Characterization of Covalently-functionalized Mesoporous Silica Nanoparticles: An NMR Toolbox Approach", *J. Phys. Chem. C* **2014**, 118, 29943-29951.
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