

## Publications for Matthew Todd

### 2017

Balasegaram, M., Kolb, P., McKew, J., Menon, J., Olliaro, P., Sablinski, T., Thomas, Z., Todd, M., Torreele, E., Wilbanks, J. (2017). An open source pharma roadmap. *PLoS Medicine*, 14(4), e1002276-1-e1002276-7. <a href="http://dx.doi.org/10.1371/journal.pmed.1002276">[More Information]</a>

Tsang, A., Hashmi, A., Comba, P., Kerscher, M., Chan, B., Todd, M. (2017). N-aryl groups are ubiquitous in cross-dehydrogenative couplings because they stabilize reactive intermediates. *Chemistry: A European Journal*, 23(39), 9313-9318. <a href="http://dx.doi.org/10.1002/chem.201700430">[More Information]</a>

Wong, J., Todd, M., Rutledge, P. (2017). Recent advances in macrocyclic fluorescent probes for ion sensing. *Molecules*, 22(2), 1-28. <a href="http://dx.doi.org/10.3390/molecules22020200">[More Information]</a>

Wong, J., Proschogo, N., Todd, M., Rutledge, P. (2017). Selective displacement of a scorpionand triazole ligand from metalocyclam complexes visualised with NMR spectroscopy. *European Journal of Inorganic Chemistry*, 2017 (7), 1075-1086. <a href="http://dx.doi.org/10.1002/ejic.201601474">[More Information]</a>

### 2016

Counsell, A., Jones, A., Todd, M., Rutledge, P. (2016). A direct method for the N-tetraalkylation of azamacrocycles. *Beilstein Journal of Organic Chemistry*, 12, 2457-2461. <a href="http://dx.doi.org/10.3762/bjoc.12.239">[More Information]</a>

Yu, M., Nagalingam, G., Ellis, S., Martinez, E., Sintchenko, V., Spain, M., Rutledge, P., Todd, M., Triccas, J. (2016). Nontoxic metal-cyclam complexes, a new class of compounds with potency against drug-resistant Mycobacterium tuberculosis. *Journal of Medicinal Chemistry*, 59(12), 5917-5921. <a href="http://dx.doi.org/10.1021/acs.jmedchem.6b00432">[More Information]</a>

Williamson, A., Ylioja, P., Robertson, M., Antonova-Koch, Y., Avery, V., Baell, J., Batchu, H., Batra, S., Burrows, J., Bhattacharyya, S., Dean, M., Hungerford, Z., Tarnowski, M., Turner, P., White, L., Todd, M., et al (2016). Open Source Drug Discovery: Highly Potent Antimalarial Compounds Derived from the Tres Cantos Arylpyrroles. *ACS Central Science*, 2(10), 687-701. <a href="http://dx.doi.org/10.1021/acscentsci.6b00086">[More Information]</a>

Smith, C., Todd, M., Patiny, L., Swain, C., Southan, C., Williamson, A., Clark, A. (2016). SCINDR - The SCience INtroDuction Robot that will Connect Open Scientists. *Research Ideas and Outcomes*, 2, 1-9. <a href="http://dx.doi.org/10.3897/rio.2.e9995">[More Information]</a>

Wong, J., Ast, S., Yu, M., Flehr, R., Counsell, A., Turner, P., Crisologo, P., Todd, M., Rutledge, P. (2016). Synthesis and evaluation of 1,8-disubstituted-cyclam/naphthalimide conjugates as probes for metal ions. *ChemistryOpen*, 5(4), 375-

385. <a href="http://dx.doi.org/10.1002/open.201600010">[More Information]</a>

### 2015

Yu, M., Wong, J., Tang, C., Turner, P., Todd, M., Rutledge, P. (2015). Efficient deprotection of F-BODIPY derivatives: removal of BF<sub>2</sub> using Bronsted acids. *Beilstein Journal of Organic Chemistry*, 11, 37-41. <a href="http://dx.doi.org/10.3762/bjoc.11.6">[More Information]</a>

Badiola, K., Bird, C., Brocklesby, W., Casson, J., Chapman, R., Coles, S., Cronshaw, J., Fisher, A., Frey, J., Gloria, D., Quinnell, R., Robertson, M., Robins, M., Todd, M., Williamson, A., Ylioja, P., et al (2015). Experiences with a researcher-centric ELN. *Chemical Science*, 6(3), 1614-1629. <a href="http://dx.doi.org/10.1039/c4sc02128b">[More Information]</a>

Tsang, A., Park, S., Todd, M. (2015). Mechanisms of Cross-Dehydrogenative-Coupling Reactions. In Chao-Jun Li (Eds.), *From C-H to C-C Bonds: Cross-Dehydrogenative-Coupling*, (pp. 254-294). Cambridge: Royal Society of Chemistry.

Todd, M. (2015). Using an open source model to accelerate schistosomiasis drug research. *Future Medicinal Chemistry*, 7(6), 689-692. <a href="http://dx.doi.org/10.4155/fmc.15.28">[More Information]</a>

Ast, S., Kuke, S., Rutledge, P., Todd, M. (2015). Using click chemistry to tune the properties and the fluorescence response mechanism of structurally similar probes for metal ions. *European Journal of Inorganic Chemistry*, 2015 (1), 58-66. <a href="http://dx.doi.org/10.1002/ejic.201402811">[More Information]</a>

### 2014

Meister, I., Ingram-Sieber, K., Cowan, N., Todd, M., Robertson, M., Meli, C., Patra, M., Gasser, G., Keiser, J. (2014). Activity of Praziquantel Enantiomers and Main Metabolites against *Schistosoma mansoni*. *Antimicrobial Agents and Chemotherapy*, 58(9), 5466-5472. <a href="http://dx.doi.org/10.1128/AAC.02741-14">[More Information]</a>

Badiola, K., Quan, D., Triccas, J., Todd, M. (2014). Efficient synthesis and anti-tubercular activity of a series of spirocycles: An exercise in open science. *PLoS One*, 9(12), 1-20. <a href="http://dx.doi.org/10.1371/journal.pone.0111782">[More Information]</a>

Yu, M., Ast, S., Yu, Q., Lo, A., Flehr, R., Todd, M., Rutledge, P. (2014). Incorporating a piperidinyl group in the fluorophore extends the fluorescence lifetime of click-derived cyclam-naphthalimide conjugates. *PLoS One*, 9(7), 1-12. <a href="http://dx.doi.org/10.1371/journal.pone.0100761">[More Information]</a>

Todd, M. (2014). Introduction: A Survey of How and Why to Separate Enantiomers. In Matthew Todd (Eds.), *Separation of Enantiomers: Synthetic Methods*, (pp. 1-11). Weinheim, Germany: Wiley - VCH Verlag GmbH & Co. KGaA. <a href="http://dx.doi.org/10.1002/9783527650880.ch1">[More Information]</a>

Yu, M., Ryan, T., Ellis, S., Bush, A., Triccas, J., Rutledge, P., Todd, M. (2014). Neuroprotective peptide-macrocyclic conjugates reveal complex structure-activity relationships in their interactions with amyloid beta. *Metalomics*, 6(10), 1931-1940. <a href="http://dx.doi.org/10.1039/c4mt00122b">[More Information]</a>

Robertson, M., Ylioja, P., Williamson, A., Woelfle, M., Robins, M., Badiola, K., Willis, P., Olliaro, P., Wells, T., Todd, M. (2014). Open source drug discovery - A limited tutorial. *Parasitology*, 141(1), 148-157. <a href="http://dx.doi.org/10.1017/S0031182013001121">[More Information]</a>

Ast, S., Rutledge, P., Todd, M. (2014). pH-Responsive quantum dots (RQDs) that combine a fluorescent nanoparticle with a pH-sensitive dye. *Physical Chemistry Chemical Physics*, 16(46), 25255-25257. <a href="http://dx.doi.org/10.1039/c4cp03914a">[More Information]</a>

Todd, M. (2014). Rare, Neglected and Potential Synthetic Methods for the Separation of Enantiomers. In Matthew Todd (Eds.), *Separation of Enantiomers: Synthetic Methods*, (pp. 267-290). Weinheim, Germany: Wiley - V C H Verlag GmbH & Co. KGaA. <a href="http://dx.doi.org/10.1002/9783527650880.ch7">[More Information]</a>

Todd, M., Maddani, M., Fiaud, J., Kagan, H., Pellissier, H., Humphrey, C., Ahmed, M., Ghanem, A., Turner, N., Nakano, K., et al (2014). *Separation of Enantiomers: Synthetic Methods*. Weinheim, Germany: Wiley - V C H Verlag GmbH & Co. KGaA.

Ast, S., Rutledge, P., Todd, M. (2014). The properties and performance of a pH-responsive functionalised nanoparticle. *Faraday Discussions*, 175, 171-187. <a href="http://dx.doi.org/10.1039/c4fd00110a">[More Information]</a>

Parker, P., Schwendimann, B., Thompson, K., Todd, M. (2014). The Synaptic Leap: Open science combating disease. In Lucila Carvalho, Peter Goodyear (Eds.), *The architecture of productive learning networks*, (pp. 193-208). New York: Routledge. <a href="http://dx.doi.org/10.4324/9780203591093">[More Information]</a>

## 2013

Yu, M., Yu, Q., Rutledge, P., Todd, M. (2013). A fluorescent "allosteric scorpionand" complex visualizes a biological recognition event. *ChemBioChem*, 14(2), 224-229. <a href="http://dx.doi.org/10.1002/cbic.201200637">[More Information]</a>

Tsang, A., Ingram, K., Keiser, J., Hibbert, D., Todd, M. (2013). Enhancing the usefulness of cross dehydrogenative coupling reactions with a removable protecting group. *Organic and Biomolecular Chemistry*, 11(30), 4921-4924. <a href="http://dx.doi.org/10.1039/c3ob40503f">[More Information]</a>

Patra, M., Ingram, K., Leonidova, A., Pierroz, V., Ferrari, S., Robertson, M., Todd, M., Keiser, J., Gasser, G. (2013). In Vitro Metabolic Profile and in Vivo Antischistosomal Activity Studies of (eta6-Praziquantel)Cr(CO)<sub>3</sub> Derivatives. *Journal of Medicinal Chemistry*, 56(22), 9192-9198. <a href="http://dx.doi.org/10.1021/jm401287m">[More Information]</a>

Yu, M., Lim, N., Ellis, S., Nagase, H., Triccas, J., Rutledge, P., Todd, M. (2013). Incorporation of bulky and cationic cyclam-

triazole moieties into marimastat can generate potent MMP inhibitory activity without inducing cytotoxicity.

*ChemistryOpen*, 2(3), 99-105. <a href="http://dx.doi.org/10.1002/open.201300014">[More Information]</a>

Todd, M., Wells, T., Willis, P., Olliaro, P., Avery, V., Ralph, S., Gamo, J., Charman, S., Ylioja, P., Robertson, M., Williamson, A., et al (2013). Open source drug discovery for malaria. *8th European Congress on Tropical Medicine and International Health and 5th Conference of the Scandinavian-Baltic Society for Parasitology*, Europe: John Wiley & Sons.

Csok, Z., Kegl, T., Li, Y., Skoda-Foldes, R., Kiss, L., Kunsagi-Mate, S., Todd, M., Kollar, L. (2013). Synthesis of elongated cavitands via click reactions and their use as chemosensors. *Tetrahedron*, 69(38), 8186-8190. <a href="http://dx.doi.org/10.1016/j.tet.2013.07.044">[More Information]</a>

Masum, H., Rao, A., Good, B., Todd, M., Edwards, A., Chan, L., Bunin, B., Su, A., Thomas, Z., Bourne, P. (2013). Ten simple rules for cultivating open science and collaborative R&D. *PLoS Computational Biology*, 9(9), e1003244-1-e1003244-4. <a href="http://dx.doi.org/10.1371/journal.pcbi.1003244">[More Information]</a>

## 2012

Park, S., Price, J., Todd, M. (2012). Oxidative arylation of isochroman. *The Journal of Organic Chemistry*, 77(2), 949-955. <a href="http://dx.doi.org/10.1021/jo2021373">[More Information]</a>

Ast, S., Rutledge, P., Todd, M. (2012). Reversing the triazole topology in a cyclam-triazole-dye ligand gives a 10-fold brighter signal response to Zn(2+) in aqueous solution. *European Journal of Inorganic Chemistry*, 2012 (34), 5611-5615. <a href="http://dx.doi.org/10.1002/ejic.201201072">[More Information]</a>

Amarasinghe, N., Turner, P., Todd, M. (2012). The first catalytic, enantioselective aza-Henry reaction of an unactivated cyclic imine. *Advanced Synthesis and Catalysis*, 354(16), 2954-2958. <a href="http://dx.doi.org/10.1002/adsc.201200558">[More Information]</a>

Ahamed, M., Chan, B., Jensen, P., Todd, M. (2012). The outcome of the oxidations of unusual enediamide motifs is governed by the stabilities of the intermediate iminium ions. *PloS One*, 7(10), 1-7. <a href="http://dx.doi.org/10.1371/journal.pone.0047224">[More Information]</a>

## 2011

Lau, Y., Price, J., Todd, M., Rutledge, P. (2011). A Click Fluorophore Sensor that Can Distinguish Cu(II) and Hg(II) via Selective Anion-Induced Demetallation. *Chemistry: A European Journal*, 17(10), 2850-2858. <a href="http://dx.doi.org/10.1002/chem.201002477">[More Information]</a>

Bridgeman, A., Rutledge, P., Todd, M., Connor, R. (2011). A treasure hunt for chemistry. *Journal of Chemical Education*, 88(4), 437-439. <a href="http://dx.doi.org/10.1021/ed100867m">[More Information]</a>

Tsang, A., Jensen, P., Hook, J., Hashmi, A., Todd, M. (2011). An oxidative carbon-carbon bond-forming reaction proceeds via an isolable iminium ion. *Pure and Applied Chemistry*,

83(3), 655-665. <a href="http://dx.doi.org/10.1351/PAC-CON-11-01-01">[More Information]</a>

Lau, Y., Rutledge, P., Watkinson, M., Todd, M. (2011). Chemical sensors that incorporate click-derived triazoles. *Chemical Society Reviews*, 40(5), 2848-2866. <a href="http://dx.doi.org/10.1039/c0cs00143k">[More Information]</a>

Yu, M., Price, J., Jensen, P., Lovitt, C., Shelper, T., Duffy, S., Windus, L., Avery, V., Rutledge, P., Todd, M. (2011). Copper, nickel, and zinc cyclam-amino acid and cyclam-peptide complexes may be synthesized with "click" chemistry and are noncytotoxic. *Inorganic Chemistry*, 50(24), 12823-12835. <a href="http://dx.doi.org/10.1021/ic2020012">[More Information]</a>

Woelfle, M., Olliaro, P., Todd, M. (2011). Open science is a research accelerator. *Nature Chemistry*, 3(10), 745-748. <a href="http://dx.doi.org/10.1038/nchem.1149">[More Information]</a>

Lo, A., Salam, N., Hibbs, D., Rutledge, P., Todd, M. (2011). Polyamide-Scorpion Cyclam Lexitropsins Selectively Bind AT-Rich DNA Independently of the Nature of the Coordinated Metal. *PLoS One*, 6(5), e17446-1-e17446-13. <a href="http://dx.doi.org/10.1371/journal.pone.0017446">[More Information]</a>

Woelfle, M., Seerden, J., de Gooijer, J., Pouwer, K., Olliaro, P., Todd, M. (2011). Resolution of praziquantel. *PLoS Neglected Tropical Diseases*, 5(9), 1-7. <a href="http://dx.doi.org/10.1371/journal.pntd.0001260">[More Information]</a>

Anam, S., Todd, M. (2011). Target-activated metal complex (TaMC) as a new strategy for artificial metallonucleases. *242nd National Meeting of the American Chemical Society (ACS)*, USA: American Chemical Society.

## 2010

Ahamed, M., Thirukkumaran, T., Leung, W., Jensen, P., Schroers, J., Todd, M. (2010). Aza-Henry reactions of 3,4-dihydroisoquinoline. *European Journal of Organic Chemistry*, 2010 (31), 5980-5988. <a href="http://dx.doi.org/10.1002/ejoc.201000955">[More Information]</a>

Ahamed, M., Todd, M. (2010). Catalytic asymmetric additions of carbon-centered nucleophiles to nitrogen-containing aromatic heterocycles. *European Journal of Organic Chemistry*, 2010 (31), 5935-5942. <a href="http://dx.doi.org/10.1002/ejoc.201000877">[More Information]</a>

Tamanini, E., Flavin, K., Motevalli, M., Piperno, S., Gheber, L., Todd, M., Watkinson, M. (2010). Cyclam-based "clickates": Homogeneous and heterogeneous fluorescent sensors for Zn(II). *Inorganic Chemistry*, 49(8), 3789-3800. <a href="http://dx.doi.org/10.1021/ic901939x">[More Information]</a>

Quinnell, R., Hibbert, D., Frey, J., Duffy, N., Mocerino, M., Todd, M., Niamsup, P., Plummer, A., Milsted, A. (2010). Extending the science curriculum: teaching instrumental science at a distance in a global laboratory using a collaborative Electronic Laboratory Notebook. *Learning Technology Research Fest 2010*, Not published: Centre for Research on Computer Supported Learning and Cognition, University of Sydney.

Hashmi, A., Ramamurthi, T., Todd, M., Tsang, A., Graf, K. (2010). Gold-catalysis: Reactions of organogold compounds with electrophiles. *Australian Journal of Chemistry*, 63(12), 1619-1626. <a href="http://dx.doi.org/10.1071/CH10342">[More Information]</a>

Hibbert, D., Frey, J., Quinnell, R., Mocerino, M., Todd, M., Niamsup, P., Plummer, A., Milsted, A. (2010). Teaching instrumental science globally using a collaborative electronic laboratory notebook. *16th UniServe Science Annual Conference 2010*, Sydney: University of Sydney.

## 2009

Orti, L., Carbajo, R., Pieper, U., Eswar, N., Maurer, S., Rai, A., Taylor, G., Todd, M., Pineda-Lucena, A., Sali, A., et al (2009). A kernel for open source drug discovery in tropical diseases. *PLoS Neglected Tropical Diseases*, 3(4), e418-1-e418-10. <a href="http://dx.doi.org/10.1371/journal.pntd.0000418">[More Information]</a>

Orti, L., Carbajo, R., Pieper, U., Eswar, N., Maurer, S., Rai, A., Taylor, G., Todd, M., Pineda-Lucena, A., Sali, A., et al (2009). A kernel for the tropical disease initiative. *Nature Biotechnology*, 27(4), 320-321. <a href="http://dx.doi.org/10.1038/nbt0409-320">[More Information]</a>

Tamanini, E., Katewa, A., Sedger, L., Todd, M., Watkinson, M. (2009). A synthetically simple, click-generated cyclam-based zinc(II) sensor. *Inorganic Chemistry*, 48(1), 319-324. <a href="http://dx.doi.org/10.1021/ic8017634">[More Information]</a>

El-Fayyomy, S., Todd, M., Richards, C. (2009). Can we measure catalyst efficiency in asymmetric chemical reactions? A theoretical approach. *Beilstein Journal of Organic Chemistry*, 5, A67-1-A67-5. <a href="http://dx.doi.org/10.3762/bjoc.5.67">[More Information]</a>

Caffrey, C., Williams, D., Todd, M., Nelson, D., Keiser, J., Utzinger, J. (2009). Chemotherapeutic Development Strategies for Schistosomiasis. In Paul M. Selzer (Eds.), *Antiparasitic and Antibacterial Drug Discovery: From Molecular Targets to Drug Candidates*, (pp. 301-321). Weinheim, Germany: Wiley - VCH Verlag GmbH & Co. KGaA.

Todd, M. (2009). Drug discovery and synthesis using an open source approach. *Plant Nutraceuticals and Bioactive Molecules: A Growth Opportunity for the Pharmaceutical Industry in Australia and India*, N/A: N/A.

Luck, I., Bova, F., Todd, M. (2009). Dynamic NMR studies of the hindered amide bond rotation of Enediamides. *SMASH 2009 Small Molecule NMR Conference*.

Tsang, A., Todd, M. (2009). Facile synthesis of vicinal diamines via oxidation of N-phenyltetrahydroisoquinolines with DDQ. *Tetrahedron Letters*, 50(11), 1199-1202. <a href="http://dx.doi.org/10.1016/j.tetlet.2008.12.101">[More Information]</a>

Tamanini, E., Rigby, S., Motevalli, M., Todd, M., Watkinson, M. (2009). Responsive metal complexes: A click-based "allosteric scorpionate" complex permits the detection of a biological recognition event by EPR/ENDOR spectroscopy. *Chemistry: A European Journal*, 15(15), 3720-3728. <a href="http://dx.doi.org/10.1002/chem.200802425">[More Information]</a>

Todd, M. (2009). The chemical tale of a flawed wonder drug and how we can all make it better. *2nd Sino-Australian Symposium*, N/A: N/A.

Todd, M. (2009). Towards a low-cost, sustainable synthesis of an important drug with an open source approach. *Catalysis: A Major Key to Sustainability 2005*, N/A: N/A.

## 2008

Ramana, A., Watkinson, M., Todd, M. (2008). Synthesis and DNA binding ability of cyclam-amino acid conjugates. *Bioorganic and Medicinal Chemistry Letters*, 18(9), 3007-3010. <a href="http://dx.doi.org/10.1016/j.bmcl.2008.03.045">[More Information]</a>

## 2007

Krivickas, S., Tamanini, E., Todd, M., Watkinson, M. (2007). Effective methods for the biotinylation of azamacrocycles. *The Journal of Organic Chemistry*, 72(22), 8280-8289. <a href="http://dx.doi.org/10.1021/jo071175v">[More Information]</a>

Troiani, A., Pica-Mattocchia, L., Valle, C., Cioli, D., Mignogna, G., Ronketti, F., Todd, M. (2007). Is actin the praziquantel receptor? *International Journal of Antimicrobial Agents*, 30(3), 280-281. <a href="http://dx.doi.org/10.1016/j.ijantimicag.2007.05.004">[More Information]</a>

Todd, M. (2007). Open access and open source in chemistry. *Chemistry Central Journal*, 1(3), 1-4. <a href="http://dx.doi.org/10.1186/1752-153X-1-3">[More Information]</a>

Ronketti, F., Adi, V., Chao-Ming, X., Pica-Mattocchia, L., Cioli, D., Todd, M. (2007). Praziquantel derivatives I: Modification of the aromatic ring. *Bioorganic and Medicinal Chemistry Letters*, 17(15), 4154-4157. <a href="http://dx.doi.org/10.1016/j.bmcl.2007.05.063">[More Information]</a>

## 2006

Todd, M., Motevalli, M., El-Fayyoumy, S., Richards, C. (2006). (R)-2-ferrocenyl-4-hydroxymethyl-4,5-dihydro-1,3-oxazole. *Acta Crystallographica. Section E: Structure Reports Online*, 62, M719-M720. <a href="http://dx.doi.org/10.1107/S1600536806006982">[More Information]</a>

Ismail, M., Barker, S., Abou El Ella, D., Abouzeid, K., Toubar, R., Todd, M. (2006). Design and synthesis of new tetrazolyl- and carboxy-biphenylmethyl-quinazolin-4-one derivatives as angiotensin II AT(1) receptor antagonists. *Journal of Medicinal Chemistry*, 49(5), 1526-1535. <a href="http://dx.doi.org/10.1021/jm050232e">[More Information]</a>

Tamanini, E., Watkinson, M., Todd, M. (2006). Improved synthesis of the valuable peptidomimetic intermediate 3-azido-4-hydroxy cyclopentanoic acid. *Tetrahedron-Asymmetry*, 17(15), 2235-2239. <a href="http://dx.doi.org/10.1016/j.tetasy.2006.07.001">[More Information]</a>

Kepler, T., Marti-Renom, M., Maurer, S., Rai, A., Taylor, G., Todd, M. (2006). Open source research - the power of us. *Australian Journal of Chemistry*, 59(5), 291-294. <a href="http://dx.doi.org/10.1071/CH06095">[More Information]</a>

El-Fayyoumy, S., Mansour, W., Todd, M. (2006). Solid phase synthesis of praziquantel. *Tetrahedron Letters*, 47(8), 1287-1290. <a href="http://dx.doi.org/10.1016/j.tetlet.2005.12.073">[More Information]</a>

Kusel, J., Oliveira, F., Todd, M., Ronketti, F., Lima, S., Mattos, A., Reis, K., Coelho, P., Thornhill, J., Ribeiro, F. (2006). The effects of drugs, ions, and poly-l-lysine on the excretory system of *Schistosoma mansoni*. *Instituto Oswaldo Cruz, Rio de Janeiro. Memorias*, 101(1), 293-298. <a href="http://dx.doi.org/10.1590/S0073-00072006000100010">[More Information]</a>

<a href="http://dx.doi.org/10.1637/7517-021306R.1">[More Information]</a>

## 2005

Todd, M. (2005). Computer-aided organic synthesis. *Chemical Society Reviews*, 34(3), 247-266. <a href="http://dx.doi.org/10.1016/j.palaeo.2005.07.033">[More Information]</a>

Todd, M. (2005). *The synaptic leap - an open source collaborative biomedical research portal*.

## 2003

Fenwick, A., Savioli, L., Engels, D., Bergquist, N., Todd, M. (2003). Drugs for the control of parasitic diseases: current status and development in schistosomiasis. *Trends in Parasitology*, 19(11), 509-515. <a href="http://dx.doi.org/10.1016/j.pt.2003.09.005">[More Information]</a>

## 2002

Todd, M., Ndubaku, C., Bartlett, P. (2002). Amino acid derived heterocycles: Lewis acid catalyzed and radical cyclizations from peptide acetals. *The Journal of Organic Chemistry*, 67(12), 3985-3988.

Todd, M. (2002). Asymmetric autocatalysis: product recruitment for the increase in the chiral environment (PRICE). *Chemical Society Reviews*, 31(4), 211-222.

Todd, M., Abell, C. (2002). The use of FTICR-MS to detect chemical tags from a combinatorial library. *The Analyst*, 127(11), 1399-1406.

## 2001

Todd, M., Abell, C. (2001). Novel chemical tagging method for combinatorial synthesis utilizing Suzuki chemistry and Fourier transform ion cyclotron resonance mass spectrometry. *ACS Combinatorial Science*, 3(3), 319-327.