

Mick Roberts: Scientific publications

1. **Roberts, M.G.**, 2016. An epidemic model with noisy parameters. *Mathematical Biosciences*, published online [doi:10.1016/j.mbs.2016.08.002].
2. McCulloch, K., **Roberts, M.G.**, Laing, C.R., 2016. Exact analytical expressions for the final epidemic size of an SIR model on small networks. *ANZIAM Journal* **57**, 429-444. [doi:10.1017/S1446181116000043].
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4. Heesterbeek, J.A.P., **Roberts, M.G.**, 2015, How mathematical epidemiology became a field of biology: a commentary on Anderson and May (1981) 'The population dynamics of microparasites and their invertebrate hosts'. *Philosophical Transactions of the Royal Society of London B* **370**, 20140307.
5. Buhnerkempe, M., **Roberts, M.G.**, Dobson, A.P., Heesterbeek, J.A.P., Hudson, P., Lloyd-Smith, J., 2015, Eight challenges in modelling disease ecology in multi-host, multi-agent systems. *Epidemics* **10**, 26-30.
6. **Roberts, M.G.**, Andreasen, V., Lloyd, A.L., Pellis, L., 2015, Nine challenges for deterministic epidemic models. *Epidemics* **10**, 49-53.
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11. **Roberts, M.G.**, 2012, A two-strain epidemic model with uncertainty in the interaction. *ANZIAM Journal* **54**, 108-115.
12. Simpson, J.L., **Roberts, M.G.**, 2013, Modelling the effect of vaccination on the Meningococcal B epidemic in New Zealand. *ANZIAM Journal* **54**, 74-88.
13. Simpson, J.L., **Roberts, M.G.**, 2012, Modelling heterogeneous host immune response in a multi-strain system. *Journal of Theoretical Biology* **304**, 60-65.
14. **Roberts, M.G.**, Nishiura, H., 2011, Early estimation of the reproduction number in the presence of imported cases: pandemic influenza H1N1-2009 in New Zealand. *PLoS One* **6**, e17835.
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