

Robert G Gilbert Publications

Books:

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Patents:

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2. N. Subramaniam, R. Balic, R.G. Gilbert, Modified Rubber Polymer Latex, PCT/AU98/00191 (1998).

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Scientific Papers:

361. Diffusion and viscosity in arabinoxylan solutions. KJ Shelat, TM Nicholson, KH Wong, MJ Gidley, RG Gilbert. Submitted (2009).

360. Extracting physically useful information from multiple-detection size-separation data for starch. A Gray-Weale, RA Cave, RG Gilbert, *Biomacromolecules*, **10** 2245-53 (2009).

359. Reliable measurements of the size distributions of starch molecules in solution: current dilemmas and recommendations. MJ Gidley, I Hanashiro, NM Hani, SE Hill, A Huber, J-L Jane, Q Liu, GA Morris, A Rolland-Sabaté, A Striegel, RG Gilbert. *Carbohydrate Polymers* **79** 255-61 (2010).

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354. Using chain-length distributions to diagnose genetic diversity in starch biosynthesis. RP Cuevas, VD Daygon, MK Morell, RG Gilbert, MA Fitzgerald. Submitted.

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350. Transfer to “monomer” in styrene free-radical polymerization. SC Thickett, RG Gilbert, *Macromolecules*, **41**, 4528-30 (2008).
349. Particle size distributions in electrosterically stabilized emulsion polymerization systems: testing the ‘mid-chain-radical’ hypothesis. SC Thickett, BR Morrison, RG Gilbert. *Macromolecules*, **41**, 3521-9 (2008).
348. General description of the structure of branched polymers. A Gray-Weale, RG Gilbert, *J. Polym. Sci. Part A Polymer Chem. Ed.* **49** 3914–30 (2009).
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