

**HOT PAPERS IN CHEMISTRY,
2005-2007
BASED ON DATA IN THOMSON REUTER'S
ESSENTIAL SCIENCE INDICATORS**

1 Citations: 228

Title: QUANTUM MECHANICAL CONTINUUM SOLVATION MODELS

Authors: [TOMASI J](#); [MENNUCCI B](#); [CAMMI R](#)

Source: [CHEM REV](#) 105 (8): 2999-3093 AUG 2005

Addresses: [Univ Pisa](#), Dipartimento Chim & Chim Ind, Via Risorgimento 35, I-56126 Pisa, [Italy](#).
[Univ Pisa](#), Dipartimento Chim & Chim Ind, I-56126 Pisa, [Italy](#).
[Univ Parma](#), Dipartimento Chim, I-43100 Parma, [Italy](#).

2 Citations: 179

Title: ORGANIC REACTIONS IN AQUEOUS MEDIA WITH A FOCUS ON CARBON-CARBON BOND FORMATIONS: A DECADE UPDATE

Authors: [LICJ](#)

Source: [CHEM REV](#) 105 (8): 3095-3165 AUG 2005

Addresses: [McGill Univ](#), Dept Chem, 801 Sherbrooke St W, Montreal, PQ H3A 2K6, [Canada](#).
[McGill Univ](#), Dept Chem, Montreal, PQ H3A 2K6, [Canada](#).
[Tulane Univ](#), Dept Chem, New Orleans, LA 70118 USA.

3 Citations: 153

Title: THE CONVERGENCE OF SYNTHETIC ORGANIC AND POLYMER CHEMISTRIES

Authors: [HAWKER CJ](#); [WOOLEY KL](#)

Source: [SCIENCE](#) 309 (5738): 1200-1205 AUG 19 2005

Addresses: [Univ Calif Santa Barbara](#), Dept Mat, Mat Res Lab, Santa Barbara, CA 93106 USA.
[Washington Univ](#), Ctr Mat Innovat, St Louis, MO 63130 USA.
[Washington Univ](#), Dept Chem, St Louis, MO 63130 USA.
[Univ Calif Santa Barbara](#), Dept Chem, Santa Barbara, CA 93106 USA.

4 Citations: 140

Title: MACROMOLECULAR DESIGN VIA REVERSIBLE ADDITION-FRAGMENTATION CHAIN TRANSFER (RAFT)/XANTHATES (MADIX) POLYMERIZATION

Authors: PERRIER S; TAKOLPUCKDEE P

Source: [J POLYM SCI A-POLYM CHEM](#) 43 (22): 5347-5393 NOV 15 2005

Addresses: [Univ Leeds](#), Dept Colour & Polymer Chem, Leeds LS2 9JT, W Yorkshire, [England](#).

5 Citations: 130

Title: A CHROMIUM TEREPHTHALATE-BASED SOLID WITH UNUSUALLY LARGE PORE VOLUMES AND SURFACE AREA

Authors: [FEREY G](#); MELLOTT-DRAZNIIEKS C; [SERRE C](#); [MILLANGE F](#); DUTOUR J; SURBLE S; MARGIOLAKI I

Source: [SCIENCE](#) 309 (5743): 2040-2042 SEP 23 2005

Addresses: [Univ Versailles](#), Inst Lavoisier, CNRS, Unite Mixte Rech 8637, 45 Ave Etats Unis, F-78035 Versailles, [France](#).
[Univ Versailles](#), Inst Lavoisier, CNRS, Unite Mixte Rech 8637, F-78035 Versailles, [France](#).
Inst Univ France, F-75005 Paris, [France](#).
[Royal Inst Great Britain](#), London W1S 4BS, [England](#).
[European Synchrotron Radiat Facil](#), F-38042 Grenoble, [France](#).

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