

	Title	Authors	Date
1	Microwave-Assisted Direct Synthesis and Polymerization of Chiral Acrylamide	Mauro Iannelli, Helmut Ritter	2005
2	Microwave-assisted solventless single and double addition of HP(O)Ph₂ to alkynes	Stone, JJ; Stockland, RA ; Reyes, JA; Kovach, J; Goodman, CC; Tillman, ES	2005
3	Microwave-Assisted Regioselective Addition of P(O)-H Bonds to Alkenes without Added Solvent or Catalyst	Patel, PB; Stockland, RA ; Taylor, RI; Thompson, LE	2005
4	Manganese(IV) dioxide-catalyzed synthesis of quinoxalines under microwave irradiation	So Yeon Kim, Kang Hyun Park and Young Keun Chung	2005
5	Microwave Enhanced Tandem 5-exo Cyclization/Claisen Rearrangement Reactions: A Convenient Route to Cycloheptanoid Ring Systems	Caitlin E. McIntosh, Isamir Martínez, Timo V. Ovaska	2004
6	Synthesis of phosphonium salts under microwave, activation — Leaving group and phosphine substituents effects	Ján Cvengros, Stefan Toma, Sylvain Marque, and André Loupy	2004
7	Chemical reactions of double bonds in activated carbon: microwave and bromination methods	Vitaliy L. Budarin, James H. Clark, Stewart J. Tavener and Karen Wilson	2004
8	Microwave-assisted solvent-free synthesis of a quinoline-3,4-dicarboximide library on inorganic solid supports	Annalisa Mortoni , Marisa Martinelli, Umberto Piarulli, Nickolas Regalia and Stefania Gagliardi	2004
9	Rh(I)-catalyzed solvent-free ortho-alkylation of aromatic imines under microwave irradiation	Thanh, GV; Lohrache, H; Loupy, A ; Kim, I-J; Chang, D-H; Jun, C-H.	2004
10	Rapid synthesis of α-ketoamides using microwave irradiation-simultaneous cooling method	Chen, JJ ; Deshpande, SV	2003
11	Microwave-assisted ruthenium-catalyzed olefin metathesis under solvent-free conditions	Thanh, GV ; Loupy, A	2003
12	Nickel and palladium catalysed reaction of triethyl phosphite with aryl halides under microwave irradiation	Villemin, D ; Elbilali, A; Simeon, F; Jaffres, PA; Maheut, G; Mossaddak, M; Hakiki, A	2003
13	Optimisation of solvent free parallel synthesis under microwave irradiation: synthesis of new arylacrylonitriles	Villemin, D; Jullien, A; Bar, N	2003

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Synlett 2004, No. 14, 2579-2581
Can. J. Chem. 82: 1365–1371 (2004)
Chem Comm, 2004, 2736-2737
Tetrahedron Letters 45 (2004) 6623–6627
Tetrahedron, 2004, 60, 5539-5543
Tetrahedron Lett., 2003, 44, 8873-76
Tetrahedron Lett., 2003, 44, 9091-94
J. Chem. Res. (S), 2003, 436-37
Green Chem., 2003, 5, 467-69
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