

	<b>Title</b>	<b>Authors</b>	<b>Date</b>	<b>Publication</b>	<b>Keywords</b>
1	<b>Utilization of microwave heating in the McMurry reaction for facile coupling of aldehydes and ketones to give alkenes</b>	<b>Nicolai Stuhr-Hansen</b>	2005	Tetrahedron Letters 46 (2005) 5491–5494	McMurray Coupling, alkene, protected thiols, nanoscale electronics
2	<b>Microwave-Assisted Synthesis of 1,5- and 2,6-Linked Naphthylene-Based Ladder Polymers</b>	Benjamin S. Nehls, Stefan Fuldner, Eduard Preis, <b>Tony Farrell</b> , and Ullrich Scherf	2005	Macromolecules, Vol. 38, No. 3, 2005	Suzuki, 2,6-naphthylene polyketone, ladder polymer, optoelectronic
3	<b>Utilization of microwave heating in the McMurry reaction for facile coupling of aldehydes and ketones to give alkenes</b>	<b>Nicolai Stuhr-Hansen</b>	2005	Tetrahedron Letters 46 (2005) 5491–5494	McMurray Coupling, alkene, protected thiols, nanoscale electronics
4	<b>Optical properties of donor–acceptor phenylene-ethynylene systems containing the 6-methylpyran-2-one group as an acceptor</b>	Jonathan C. Collings, Alexander C. Parsons, Laurent Porre`s, Andrew Beeby, Andrei S. Batsanov. Judith A.	2005	Chem. Commun., 2005, 2666–2668	Sonogshira, 2-pyrone, chromophore, linear and non-linear optical properties,
5	<b>Microwave Synthesis of Iridium (III) Complexes: Synthesis of Highly Efficient Orange Emitters in Organic Light-Emitting Diodes</b>	<b>Saito, K</b> ; Matsusue, N; Kanno, H; Hamada, Y; Takahashi, H; Matsumura, T	2004	Jpn J Appl Phys, Vol 43, No 5A (2004), 2733-2734	electroluminescence, phosphorescent, iridium complex, orange light emitting device, organometallic, open vessel
6	<b>Semiconducting Polymers via Microwave-Assisted Suzuki and Stille-Cross Coupling Reactions</b>	Benjamin S. Nehls, Udom Asawapirom Stefan Fuldner, Eduard Preis, <b>Tony Farrell</b> , and <b>Ullrich Scherf</b>	2004	Adv Funct Mater <b>2004</b> , 14, No 4, April	Suzuki, Stille, ladder polymer,

7	<b>Single-mode microwave synthesis in organic materials chemistry</b>	Barlow, S; <b>Marder, SR</b>	2003	Adv. Funct. Mater., 2003, 13, 517-18	nonlinear optical chromophores, cross-coupling, poly(fluorene)s, light emitting diodes, polyimides, polyethers
8	<b>Focused Microwave-Assisted Synthesis of 2,5 Dihydrofuran Derivatives as Electron Acceptors for Highly Efficient Nonlinear Optical Chromophores</b>	Liu, S; Haller, MA; Ma, H; Dalton LR; Jang SH; <b>Jen, AKY</b>	2003	Adv. Mater. 2003, 15, No. 7-8, April 17	Electro-optic materials, heterocycles, 2,5 dihydrofurans, cyclized imines, nonlinear optical chromophores