

Publications scientifiques du PPSM – année 2009

- 1** Synthesis and Characterizations of Highly Fluorinated Poly(arylene ether)s for Quadratic Nonlinear Optics
K. Aljoumaa, Y. H. Qi, J. F. Ding and J. A. Delaire
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- 2** A "reverse interrupter": the novel molecular design of a fluorescent photochromic DTE-based bipyridine
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- 3** Synthesis of New Perovskite Luminescent Nanoparticles in the Visible Range
P. Audebert, G. Clavier, V. Alain-Rizzo, E. Deleporte, S. J. Zhang, J. S. Lauret, G. Lanty and C. Boissiere
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- 4** Electrochemical synthesis and characterization of carbon nanotube/modified polypyrrole hybrids using a cavity microelectrode
M. Bozlar, F. Miomandre and J. B. Bai
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- 5** Epitaxial Growth of Highly Oriented Fibers of Semiconducting Polymers with a Shish-Kebab-Like Superstructure
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- 6** Synthesis of glucoconjugates of oleanolic acid as inhibitors of glycogen phosphorylase
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- 7** Second-Order Nonlinear Optical Properties of Polyoxometalate Salts of a Chiral Stilbazolium Derivative
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- 8** Brilliant molecular nanocrystals emerging from sol-gel thin films: towards a new generation of fluorescent biochips
E. Dubuisson, V. Monnier, N. Sanz-Menez, B. Boury, Y. Usson, R. B. Pansu and A. Ibanez
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- 9** Electrochemical, Linear Optical, and Nonlinear Optical Properties and Interpretation by Density Functional Theory Calculations of (4-N,N-Dimethylaminostyryl)-Pyridinium Pendant Group Associated with Polypyridinic Ligands and Respective Multifunctional Metal Complexes (Ru-II or Zn-II)

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10 Electrostatic Co-assembly of Magnetic Nanoparticles and Fluorescent Nanospheres: A Versatile Approach Towards Bimodal Nanorods
J. Fresnais, E. Ishow, O. Sandre and J. F. Berret
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11 Photo-controlled release and uptake of Cu(hfac)(2) in solution for a binuclear copper complex with a photochromic dithiazolylethene bridging ligand
M. Giraud, A. Leautic, R. Guillot, P. Yu, P. Dorlet, R. Metivier and K. Nakatani
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13 Synthesis of Oligosaccharide Mimetics with Glycoaminoxy Acids
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M. H. Ha-Thi, M. Penhoat, V. Michelet and I. Leray
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- 31** Fluorescence Photoswitching in Polymer Matrix: Mutual Influence between Photochromic and Fluorescent Molecules by Energy Transfer Processes
R. Metivier, S. Badre, R. Meallet-Renault, P. Yu, R. B. Pansu and K. Nakatani
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- 32** Functional molecules, materials, and nanoparticles
K. Nakatani
Chemistry and chemical industry, **2009**, 62(10), 1085-1087
- 33** New On-Bead Near-Infrared Fluorophores and Fluorescent Sensor Constructs
A. Palma, M. Tasiar, D. O. Frimannsson, T. T. Vu, R. Meallet-Renault and D. F. O'Shea
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- 34** Photoswitching in diarylethene nanoparticles, a trade-off between bulk solid and solution: towards balanced photochromic and fluorescent properties
J. Piard, R. Metivier, M. Giraud, A. Leautic, P. Yu and K. Nakatani
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- 36** Tetrazines with hindered or electron withdrawing substituents: Synthesis, electrochemical and fluorescence properties
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- 39** Synthesis and Optical Properties of 2-(Benzo[b]thiophene-3-yl)pyrroles and a New BODIPY Fluorophore (BODIPY=4,4-Difluoro-4-bora-3a,4a-diaza-s-indacene)

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