

CSACS Publications 2010/ Publication du CRMAA 2010 (150)

McGill (57)

ANDREWS, M. (0)

no publication

BARRETT, C (1)

1. Stable photo-reversible surface energy switching with azobenzene polyelectrolyte multilayers

By Ahmad, Nasir M.; Lu, Xiaoyu; Barrett, Christopher J.

From Journal of Materials Chemistry (2010), 20(2), 244-247. Language: English, Database: CAPLUS

COSA, G. (7)

1. Bodipy Dyes with Tunable Redox Potentials and Functional Groups for Further Tethering:

By Krumova, Katerina; Cosa, Gonzalo

From Journal of the American Chemical Society (2010), 132(49), 17560-17569. Language: English,

2. Unraveling electronic energy transfer in single conjugated polyelectrolytes encapsulated in lipid

By Karam, Pierre; Ngo, An Thien; Rouiller, Isabelle; Cosa, Gonzalo

From Proceedings of the National Academy of Sciences of the United States of America (2010), 107(41),

3. Unraveling electronic energy transfer in single conjugated polyelectrolytes encapsulated in lipid

By Karam, Pierre; Ngo, An Thien; Rouiller, Isabelle; Cosa, Gonzalo

From Proceedings of the National Academy of Sciences of the United States of America, Early Edition

4. Novel off-on fluorescent probes for visualizing reactive oxygen species in lipid membranes

By Krumova, Katerina; Cosa, Gonzalo

From Abstracts of Papers, 240th ACS National Meeting, Boston, MA, United States, August 22-26, 2010

5. Fluorescent nanoscale assemblies of anionic poly(phenylene vinylene) with lipid vesicles and silica

By Ngo, An T.; Karam, Pierre; Lau, Kai L.; Burger, Melanie; Quesnel, Jeffrey; Aboukhalil, Robert; Cosa,

From Abstracts of Papers, 240th ACS National Meeting, Boston, MA, United States, August 22-26, 2010

6. Novel probes for visualizing reactive oxygen species in lipid membranes

By Krumova, Katerina; Cosa, Gonzalo; Cullum, Brian M.; Porterfield, D. Marshall; Booksh, Karl S.

From Proceedings of SPIE (2010), 7674(Smart Biomedical and Physiological Sensor Technology VII),

7. Novel fluorescent nanomaterials, via assembly of anionic poly(phenylene vinylene) with lipid

By Ngo, An T.; Karam, Pierre; Lau, Kai L.; Burger, Melanie; Quesnel, Jeffrey; Cosa, Gonzalo

From Abstracts, 41st Middle Atlantic Regional Meeting of the American Chemical Society, Wilmington,

8. Loading and selective release of cargo in DNA nanotubes with longitudinal variation

By Lo, Pik Kwan; Karam, Pierre; Aldaye, Faisal A.; McLaughlin, Christopher K.; Hamblin, Graham D.;

From Nature Chemistry (2010), 2(4), 319-328. Language: English, Database: CAPLUS, DOI:

9. Assembly of Zwitterionic Phospholipid/Conjugated Polyelectrolyte Complexes: Structure and

By Ngo, An Thien; Cosa, Gonzalo

From Langmuir (2010), 26(9), 6746-6754. Language: English, Database: CAPLUS, DOI:

10. Unraveling electronic energy transfer in single conjugated polyelectrolytes encapsulated in lipid

By Karam Pierre; Ngo An Thien; Rouiller Isabelle; Cosa Gonzalo

From Proceedings of the National Academy of Sciences of the United States of America (2010), 107(41),

EISENBERG, A. (2)

1. Controlled Incorporation of Particles into the Central Portion of Vesicle Walls

By Mai, Yiyong; Eisenberg, Adi

From Journal of the American Chemical Society (2010), 132(29), 10078-10084. Language: English, Database:

2. Wall structure and permeability in "breathing" vesicles

By Yu, Shaoyong; Eisenberg, Adi

From Abstracts, 37th Northeast Regional Meeting of the American Chemical Society, Potsdam, NY, United States,

3. Fully Collapsed (Kippah) Vesicles: Preparation and Characterization

By Azzam, Tony; Eisenberg, Adi

From Langmuir (2010), 26(13), 10513-10523. Language: English, Database: CAPLUS, DOI: 10.1021/la1004837

GRAY, D.G. (3)

1. Reinforcement of polyvinyl alcohol hydrogels with cellulose nanocrystals

By Abitbol, T.; Quinn, T. M.; Gray, D. G.

From Pacifichem 2010, International Chemical Congress of Pacific Basin Societies, Honolulu, HI, United States,

2. Surface functionalization of cellulose nanocrystals

By Kloser, E.; Gray, D. G.

From Pacifichem 2010, International Chemical Congress of Pacific Basin Societies, Honolulu, HI, United States,

3. Ordered phase formation from cellulose nanocrystal suspensions

By Gray, D. G.

From Pacifichem 2010, International Chemical Congress of Pacific Basin Societies, Honolulu, HI, United States,

4. Direct Surface Force Measurements of Polyelectrolyte Multilayer Films Containing Nanocrystalline Cellulose

By Cranston, Emily D.; Gray, Derek G.; Rutland, Mark W.

From Langmuir (2010), 26(22), 17190-17197. Language: English, Database: CAPLUS, DOI: 10.1021/la1030729

5. Surface Grafting of Cellulose Nanocrystals with Poly(ethylene oxide) in Aqueous Media

By Kloser, Elisabeth; Gray, Derek G.

From Langmuir (2010), 26(16), 13450-13456. Language: English, Database: CAPLUS, DOI: 10.1021/la101795s

6. Protein alignment using cellulose nanocrystals: practical considerations and range of application

By Denisov, Alexey Y.; Kloser, Elisabeth; Gray, Derek G.; Mittermaier, Anthony K.

From Journal of Biomolecular NMR (2010), 47(3), 195-204. Language: English, Database: CAPLUS, DOI:

7. Paper filters impregnated with silver nanoparticles for the removal of bacterial pathogens

By Dankovich, Theresa; Gray, Derek G.

From Abstracts of Papers, 239th ACS National Meeting, San Francisco, CA, United States, March 21-25, 2010

8. Chiral cellulosic structure in petiole vascular bundles

By Gray, Derek G.; Lucate, Joshua G.

From Abstracts of Papers, 239th ACS National Meeting, San Francisco, CA, United States, March 21-25, 2010

9. Surface PEG-grafting of cellulose nanocrystals in aqueous media

By Kloser, Elisabeth; Gray, Derek G.

From Abstracts of Papers, 239th ACS National Meeting, San Francisco, CA, United States, March 21-25, 2010

10. Silver nanoparticle paper for antibacterial applications

By Dankovich, Theresa A.; Gray, Derek G.

From Abstracts of Papers, 239th ACS National Meeting, San Francisco, CA, United States, March 21-25, 2010

11. Viscosity of dilute aqueous cellulose nanocrystal suspensions

By Gonzalez-Labrada, Erick; Gray, Derek G.

From Abstracts of Papers, 239th ACS National Meeting, San Francisco, CA, United States, March 21-25, 2010

KAKKAR, A. (11)

1. Miktoarm star polymers: advances in synthesis, self-assembly, and applications

By Khanna, Kunal; Varshney, Sunil; Kakkar, Ashok

From Polymer Chemistry (2010), 1(8), 1171-1185. Language: English, Database: CAPLUS, DOI:

2. Dendrimer templated construction of silver nanoparticles

By Castonguay, Annie; Kakkar, Ashok K.

From *Advances in Colloid and Interface Science* (2010), 160(1-2), 76-87. Language: English, Database: **3. Tailoring the efficacy of nimodipine drug delivery using nanocarriers based on A2B miktoarm star**
By Soliman, Ghareb M.; Sharma, Rishi; Choi, Angela O.; Varshney, Sunil K.; Winnik, Francoise M.;
From *Biomaterials* (2010), 31(32), 8382-8392. Language: English, Database: CAPLUS, DOI:

4. Synthesis and self-assembly of AB₂- and ABC-type miktoarm star polymers

By Khanna, Kunal; Sharma, Rishi; Varshney, Sunil K.; Kakkar, Ashok
From *Polymer Preprints (American Chemical Society, Division of Polymer Chemistry)* (2010), 51(2), 452-

5. Designing dendritic frameworks using versatile building blocks suitable for CuI-catalyzed alkyne

By Hourani, Rami; Sharma, Anjali; Kakkar, Ashok
From *Tetrahedron Letters* (2010), 51(29), 3792-3795. Language: English, Database: CAPLUS, DOI:

6. Advances in the Elegance of Chemistry in Designing Dendrimers

By Hourani, Rami; Kakkar, Ashok
From *Macromolecular Rapid Communications* (2010), 31(11), 947-974. Language: English, Database:

7. Designing Miktoarm Polymers Using a Combination of "Click" Reactions in Sequence with Ring-

By Khanna, Kunal; Varshney, Sunil; Kakkar, Ashok
From *Macromolecules (Washington, DC, United States)* (2010), 43(13), 5688-5698. Language: English,

8. Multi-tasking with Single Platform Dendrimers for Targeting Sub-Cellular Microenvironments

By Hourani, Rami; Jain, Manasi; Maysinger, Dusica; Kakkar, Ashok
From *Chemistry--A European Journal* (2010), 16(21), 6164-6168, S6164/1-S6164/15. Language: English,

9. "Click" methodologies: efficient, simple and greener routes to design dendrimers

By Franc, Gregory; Kakkar, Ashok K.
From *Chemical Society Reviews* (2010), 39(5), 1536-1544. Language: English, Database: CAPLUS, DOI:

10. Combined CuI-catalyzed alkyne-azide cycloaddition and furan-maleimide Diels-Alder "click"

By Vieyres, Arnaud; Lam, Tina; Gillet, Renaud; Franc, Gregory; Castonguay, Annie; Kakkar, Ashok
From *Chemical Communications (Cambridge, United Kingdom)* (2010), 46(11), 1875-1877. Language:

11. Multi-tasking with single platform dendrimers for targeting sub-cellular microenvironments

By Hourani Rami; Jain Manasi; Maysinger Dusica; Kakkar Ashok
From *Chemistry (Weinheim an der Bergstrasse, Germany)* (2010), 16(21), 6164-8. Language: English,

LENNOX, R. B. (5)

1. Potential Controlled Electrochemical Conversion of AgCN and Cu(OH)₂ Nanofibers into Metal

By Bourret, Gilles R.; Lennox, R. Bruce
From *ACS Applied Materials & Interfaces* (2010), 2(12), 3745-3758. Language: English, Database:

2. Solid state electrochemistry of Ag(I), Cu(II) and Au(I) nanofibers: Towards "nano-electrochemical

By Bourret, Gilles R.; Lazzara, Thomas D.; van de Ven, Theo G.; Lennox, R. B.
From *Abstracts of Papers, 240th ACS National Meeting, Boston, MA, United States, August 22-26, 2010*

3. High-resolution friction force microscopy under electrochemical control

By Labuda, Aleksander; Paul, William; Pietrobon, Brendan; Lennox, R. Bruce; Gruetter, Peter H.;
From *Review of Scientific Instruments* (2010), 81(8), 083701/1-083701/11. Language: English,

4. New insights into Brust-Schiffrin metal nanoparticle synthesis

By Goulet, Paul J. G.; Lennox, R. Bruce
From *Journal of the American Chemical Society* (2010), 132(28), 9582-9584. Language: English,

5. 1D Cu(OH)₂ Nanomaterial Synthesis Templated in Water Microdroplets

By Bourret, Gilles R.; Lennox, R. Bruce
From *Journal of the American Chemical Society* (2010), 132(19), 6657-6659. Language: English,

6. Lipid Bilayer Membrane-Triggered Presynaptic Vesicle Assembly

By Gopalakrishnan, Gopakumar; Thostrup, Peter; Rouiller, Isabelle; Lucido, Anna Lisa; Belkaid, Wiam;
From ACS Chemical Neuroscience (2010), 1(2), 86-94. Language: English, Database: CAPLUS, DOI:

MARIC, M. (3)

1. Synthesis and Characterization of Benzyl Methacrylate/Styrene Random Copolymers Prepared by

By Zhang, Chi; Lessard, Benoit; Maric, Milan

From Macromolecular Reaction Engineering (2010), 4(6-7), 415-423. Language: English, Database:

2. Poly(tert-butyl methacrylate/styrene) Macroinitiators as Precursors for Organo- and Water-

By Lessard, Benoit; Tervo, Christopher; De Wahl, Samuel; Clerveaux, Ferrere Junior; Tang, Kai Kin;

From Macromolecules (Washington, DC, United States) (2010), 43(2), 868-878. Language: English,

3. One-Step Poly(styrene-alt-maleic anhydride)-block-poly(styrene) Copolymers with Highly

By Lessard, Benoit; Maric, Milan

From Macromolecules (Washington, DC, United States) (2010), 43(2), 879-885. Language: English,

PEREPICHKA, D. (5)

1. New azaborine-thiophene heteroacenes

By Lepeltier, Marc; Lukoyanova, Olena; Jacobson, Alex; Jeeva, Shehzad; Perepichka, Dmitrii F.

From Chemical Communications (Cambridge, United Kingdom) (2010), 46(37), 7007-7009. Language:

2. Highly Emissive and Electrochemically Stable Thienylene Vinylene Oligomers and Copolymers: An

By Jeeva, Shehzad; Lukoyanova, Olena; Karas, Athan; Dadvand, Afshin; Rosei, Federico; Perepichka,

From Advanced Functional Materials (2010), 20(13), 2033. Language: English, Database: CAPLUS, DOI:

3. Near-IR Photoresponse in New Up-Converting CdSe/NaYF₄:Yb,Er Nanoheterostructures

By Yan, Chenglin; Dadvand, Afshin; Rosei, Federico; Perepichka, Dmitrii F.

From Journal of the American Chemical Society (2010), 132(26), 8868-8869. Language: English,

4. Highly Emissive and Electrochemically Stable Thienylene Vinylene Oligomers and Copolymers: an

By Jeeva, Shehzad; Lukoyanova, Olena; Karas, Athan; Dadvand, Afshin; Rosei, Federico; Perepichka,

From Advanced Functional Materials (2010), 20(10), 1661-1669. Language: English, Database: CAPLUS,

5. Molecular Networks edited by Mir Wais Hosseini

By Perepichka, Dmitrii F.

From Journal of the American Chemical Society (2010), 132(11), 4030. Language: English, Database:

REVEN, L. (0)

no publication

REY, A.D. (11)

1. Modeling textural processes during self-assembly of plant-based chiral-nematic liquid crystals

By Murugesan, Yogesh K.; Rey, Alejandro D.

From Polymers (Basel, Switzerland) (2010), 2(4), 766-785. Language: English, Database: CAPLUS, DOI:

2. Energetics and dynamics of hydrogen adsorption, desorption and migration on a carbon-

By Mushrif, Samir H.; Rey, Alejandro D.; Peslherbe, Gilles H.

From Journal of Materials Chemistry (2010), 20(46), 10503-10510. Language: English, Database:

3. Towards understanding palladium doping of carbon supports: a first-principles molecular

By Mushrif, Samir H.; Rey, Alejandro D.; Peslherbe, Gilles H.

From Journal of Materials Chemistry (2010), 20(33), 6859-6862. Language: English, Database: CAPLUS,

4. Liquid crystal models of biological materials and processes

By Rey, Alejandro D.

From Soft Matter (2010), 6(15), 3402-3429. Language: English, Database: CAPLUS, DOI:

5. Structural modeling of carbonaceous mesophase amphotropic mixtures under uniaxial extensional

By Golmohammadi, Mojdeh; Rey, Alejandro D.

From Journal of Chemical Physics (2010), 133(3), 034903/1-034903/11. Language: English, Database:

6. Micromechanics Model of Liquid Crystal Anisotropic Triple Lines with Applications to Self-Assembly

By Rey, Alejandro D.; Herrera Valencia, E. E.

From Langmuir (2010), 26(16), 13033-13037. Language: English, Database: CAPLUS, DOI:

7. Structure and phase transitions of carbonaceous mesophase binary mixtures under uniaxial

By Golmohammadi, Mojdeh; Rey, Alejandro D.

From Journal of Non-Newtonian Fluid Mechanics (2010), 165(13-14), 698-711. Language: English,

8. Liquid crystal film and wetting models for anisotropic soft matter

By Rey, Alejandro D.

From International Journal of Nonlinear Sciences and Numerical Simulation (2010), 11(1), 23-35.

9. Edge dislocation core structure in lamellar smectic-A liquid crystals

By Abukhdeir, Nasser Mohieddin; Rey, Alejandro D.

From Soft Matter (2010), 6(6), 1117-1120. Language: English, Database: CAPLUS, DOI:

10. Thermodynamic model of structure and shape in rigid polymer-laden membranes

By Murugesan, Yogesh K.; Rey, Alejandro D.

From Macromolecular Theory and Simulations (2010), 19(2-3), 113-126. Language: English, Database:

11. Structure and rheology of fiber-laden membranes via integration of nematodynamics and

By Murugesan, Yogesh K.; Rey, Alejandro D.

From Journal of Non-Newtonian Fluid Mechanics (2010), 165(1-2), 32-44. Language: English, Database:

SLEIMAN, H.F. (8)

1. Self-assembly of three-dimensional DNA nanostructures and potential biological applications

By Lo, Pik Kwan; Metera, Kimberly L.; Sleiman, Hanadi F.

From Current Opinion in Chemical Biology (2010), 14(5), 597-607. Language: English, Database:

2. DNA modified with metal complexes: Applications in the construction of higher order metal-DNA

By Yang, Hua; Metera, Kimberly L.; Sleiman, Hanadi F.

From Coordination Chemistry Reviews (2010), 254(19-20), 2403-2415. Language: English, Database:

3. Stable Gold Nanoparticle Conjugation to Internal DNA Positions: Facile Generation of Discrete

By Wen, Yongqiang; McLaughlin, Christopher K.; Lo, Pik Kwan; Yang, Hua; Sleiman, Hanadi F.

From Bioconjugate Chemistry (2010), 21(8), 1413-1416. Language: English, Database: CAPLUS, DOI:

4. Quantifying interactions between G-quadruplex DNA and transition-metal complexes

By Kieltyka, Roxanne; Englebienne, Pablo; Moitessier, Nicolas; Sleiman, Hanadi

From Methods in Molecular Biology (Totowa, NJ, United States) (2010), 608(G-Quadruplex DNA), 223-

5. Templated Synthesis of DNA Nanotubes with Controlled, Predetermined Lengths

By Lo, Pik Kwan; Altvater, Florian; Sleiman, Hanadi F.

From Journal of the American Chemical Society (2010), 132(30), 10212-10214. Language: English,

6. Ring-Opening Metathesis Polymers for Biodetection and Signal Amplification: Synthesis and Self-

By Sankaran, N. B.; Rys, Andrzej Z.; Nassif, Rachel; Nayak, Manoj K.; Metera, Kimberly; Chen, Bingzhi;

From Macromolecules (Washington, DC, United States) (2010), 43(13), 5530-5537. Language: English,

7. Loading and selective release of cargo in DNA nanotubes with longitudinal variation

By Lo, Pik Kwan; Karam, Pierre; Aldaye, Faisal A.; McLaughlin, Christopher K.; Hamblin, Graham D.;

From Nature Chemistry (2010), 2(4), 319-328. Language: English, Database: CAPLUS, DOI:

8. Loading and selective release of cargo in DNA nanotubes with readily tunable geometry,

By Lo, Pik Kwan Peggy; Sleiman, Hanadi F.

From Abstracts of Papers, 239th ACS National Meeting, San Francisco, CA, United States, March 21-25,

9. Long-Range Assembly of DNA into Nanofibers and Highly Ordered Networks Using a Block

By Carneiro, Karina M. M.; Aldaye, Faisal A.; Sleiman, Hanadi F.

From Journal of the American Chemical Society (2010), 132(2), 679-685. Language: English, Database:

VAN DE VEN, T.G.M. (1)

1. Purely chemical production of nanofibrillated cellulose Part 2: Getting rid of TEMPO

By Alam, M.; Tejado, A.; Antal, M.; van de Ven, T. G.

From Pacifichem 2010, International Chemical Congress of Pacific Basin Societies, Honolulu, HI, United

2. Production of nanofibrillated cellulose by a purely chemical process Part 1: Highly charged NFC

By Tejado, A.; Alam, M.; Antal, M.; van de Ven, T. G.

From Pacifichem 2010, International Chemical Congress of Pacific Basin Societies, Honolulu, HI, United

3. Solid state electrochemistry of Ag(I), Cu(II) and Au(I) nanofibers: Towards "nano-electrochemical

By Bourret, Gilles R.; Lazzara, Thomas D.; van de Ven, Theo G.; Lennox, R. B.

From Abstracts of Papers, 240th ACS National Meeting, Boston, MA, United States, August 22-26, 2010

4. Effect of unassembled phage protein complexes on the attachment to cellulose of genetically

By Li, Zhuo; Tolba, Mona; Griffiths, Mansel; van de Ven, Theo G. M.

CAPLUS, DOI: 10.1016/j.colsurfb.2009.12.014

UdeM (59)

Francoise M. Winnik (12)

1. Interaction between Pluronic F127 and Dioctadecyldimethylammonium Bromide (DODAB) Vesicles

Author(s): Feitosa E, Winnik FM

Source: LANGMUIR Volume: 26 Issue: 23 Pages: 17852-17857 Published: DEC 7 2010

2. Hydration and phase separation of temperature-sensitive water-soluble polymers

Author(s): Tanaka F, Koga T, Kojima H, Winnik, FM

Source: CHINESE JOURNAL OF POLYMER SCIENCE Volume: 29 Issue: 1 Pages: 13-21 Published: JAN

3. Complete Physicochemical Characterization of DNA/Chitosan Complexes by Multiple Detection

Author(s): Ma PL, Buschmann MD, Winnik FM

Source: ANALYTICAL CHEMISTRY Volume: 82 Issue: 23 Pages: 9636-9643 Published: DEC 1 2010

4. Synthesis and Association Behavior of Telechelic Poly(N-isopropylacrylamides) with Azobenzene

Author(s): Ishii, N, Obeid, R, Qiu, XP, Mamiya, J, Ikeda, T., Winnik, FM

Source: MOLECULAR CRYSTALS AND LIQUID CRYSTALS Volume: 529 Pages: 60-70 Published: 2010

5. Amphiphilic Polyethylenes Leading to Surfactant-Free Thermoresponsive Nanoparticles

Author(s): Kryuchkov, VA, Daigle, JC, Skupov, KM, Claverie, JP, Winnik, FM

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY Volume: 132 Issue: 44 Pages: 15573-15579

6. Tailoring the efficacy of nimodipine drug delivery using nanocarriers based on A(2)B miktoarm star

Author(s): Soliman, GM., Sharma, R., Choi, AO., Varshney, SK., Winnik, FM., Kakkar, AK., Maysinger, D.

Source: BIOMATERIALS Volume: 31 Issue: 32 Pages: 8382-8392 Published: NOV 2010

7. Robust polymeric nanoparticles for the delivery of aminoglycoside antibiotics using

Author(s): Soliman, GM, Szychowski, J, Hanessian, S, Winnik, FM

Source: SOFT MATTER Volume: 6 Issue: 18 Pages: 4504-4514 Published: 2010

8. Microglial Response to Gold Nanoparticles

Author(s): Hutter, E., Boridy, S., Labrecque, S., Lalancette-Hebert, M., Kriz, J., Winnik, FM, Maysinger, D.

Source: ACS NANO Volume: 4 Issue: 5 Pages: 2595-2606 Published: MAY 2010

9. Chitosan modified with gadolinium diethylenetriaminepentaacetic acid for magnetic resonance

Author(s): Darras, V., Nelea, M., Winnik, FM., Buschmann, MD.

Source: CARBOHYDRATE POLYMERS Volume: 80 Issue: 4 Pages: 1137-1146 Published: MAY 16

10. Interaction of amphiphilic derivatives of chitosan with DPPC (1,2-dipalmitoyl-sn-glycero-3-

Author(s): Tiera, VAD., Winnik, FM., Tiera, MJ.

Source: JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY Volume: 100 Issue: 1 Pages: 309-313

11. Minocycline Block Copolymer Micelles and their Anti-Inflammatory Effects on Microglia

Author(s): Soliman, GM., Choi, AO., Maysinger, D., Winnik, FM.

Source: MACROMOLECULAR BIOSCIENCE Volume: 10 Issue: 3 Pages: 278-288 Published: MAR 10

12. One-Step Analysis of DNA/Chitosan Complexes by Field-Flow Fractionation Reveals Particle Size

Author(s): Ma, PL., Buschmann, MD., Winnik, FM.

Source: BIOMACROMOLECULES Volume: 11 Issue: 3 Pages: 549-554 Published: MAR 2010

Antonella Badia (2)

1. Self-Patterned Mixed Phospholipid Mono layers for the Spatially Selective Deposition of Metals

Author(s): Tang NYW, Badia A

Source: LANGMUIR Volume: 26 Issue: 22 Pages: 17058-17067 Published: NOV 16 2010

2. Nanostrand Formation of Block Copolymers at the Air/Water Interface

Author(s): Perepichka II, Badia A, Bazuin CG

Source: ACS NANO Volume: 4 Issue: 11 Pages: 6825-6835 Published: NOV 2010

C. Géraldine Bazuin (4)

1. Perepichka, II (Perepichka, Iryna I.); Badia, A (Badia, Antonella); Bazuin, CG (Bazuin, C. Geraldine)

Title: Nanostrand Formation of Block Copolymers at the Air/Water Interface

Source: ACS NANO, 4 (11): 6825-6835 NOV 2010

2. Brandys, MC (Brandys, Marie-Claude); Jennings, MC (Jennings, Michael C.); Puddephatt, RJ

Title: Poly(4-vinylpyridine) Derivatives with Diphosphine Complexes of Gold(I)

Source: JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, 20 (3): 519-527

3. Author(s): Zhang, QA (Zhang, Qian); Bazuin, CG (Bazuin, C. Geraldine)

Title: Solvent Manipulation of Liquid Crystal Order and Other Properties in Azo-Containing

Source: MACROMOLECULAR CHEMISTRY AND PHYSICS, 211 (10): 1071-1082 MAY 17 2010

4. Fourati, MA (Fourati, M. Amine); Maris, T (Maris, Thierry); Bazuin, CG (Bazuin, C. Geraldine);

Title: (E)-4,4'-Bis(1,3-benzoxazol-2-yl)stilbene at 150 and 375 K

Source: ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, 66: O11-O14

Suzanne Giasson (2)

1. Normal and Lateral Interactions between Thermosensitive Nanoparticle Monolayers in Water

Author(s): Banquy X, Charrault E, Giasson S

Source: JOURNAL OF PHYSICAL CHEMISTRY B Volume: 114 Issue: 30 Pages: 9721-9728 Published:

2. Swelling Study of Responsive Polyelectrolyte Brushes Grafted from Mica Substrates: Effect of pH,

Author(s): Lego B, Skene WG, Giasson S

Source: MACROMOLECULES Volume: 43 Issue: 9 Pages: 4384-4393 Published: MAY 11 2010

Garry S. Hanan (1)

1. Synthesis, photophysics, and electrochemistry of thiophene-pyridine and thiophene-pyrimidine

Author(s): Bolduc, A (Bolduc, andreanne); Dufresne, S (Dufresne, Stephane); Hanan, GS (Hanan, Garry

Source: CANADIAN JOURNAL OF CHEMISTRY-REVUE CANADIENNE DE CHIMIE, 88 (3): 236-246 Sp. Iss. SI

Michel Lafleur (4)

1. Bovine binder-of-sperm protein BSP1 promotes protrusion and nanotube formation from liposomes

Author(s): Lafleur, M, Courtemanche, L, Karlsson, G, Edwards, K., Schwartz, JL, Manjunath P.

Source: BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS Volume: 399 Issue: 3

2. Formation of Fluid Lamellar Phase and Large Unilamellar Vesicles with Octadecyl Methyl

Author(s): Cui ZK, Bastiat G, Lafleur M

Source: LANGMUIR Volume: 26 Issue: 15 Pages: 12733-12739 Published: AUG 3 2010

3. pH-Triggered Release from Nonphospholipid LUVs Modulated by the pK(a) of the Included Fatty

Author(s): Phoeung T (Phoeung, Thida); Aubron P (Aubron, Pauline); Rydzek G (Rydzek, Gauthier);

Source: LANGMUIR Volume: 26 Issue: 15 Pages: 12769-12776 Published: AUG 3 2010

4. Influence of the nature of the sterol on the behavior of palmitic acid/sterol mixtures and their

Author(s): Cui, Zhong-Kai, Bastiat, Guillaume, Jin, Chester, Keyvanloo, Amir., Lafleur, Michel

Source: BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES Volume: 1798 Issue: 6 Pages: 1144-

Jean-François Masson (4)

1. Nanohole arrays in chemical analysis: manufacturing methods and applications

Author(s): Masson JF, Murray-Methot MP, Live LS

Source: ANALYST Volume: 135 Issue: 7 Pages: 1483-1489 Published: 2010

2. Optical Properties of Au, Ag, and Bimetallic Au on Ag Nanohole Arrays

Author(s): Murray-Methot MP, Ratel M, Masson JF

Source: JOURNAL OF PHYSICAL CHEMISTRY C Volume: 114 Issue: 18 Pages: 8268-8275 Published:

3. SPR Biosensing in Crude Serum Using Ultralow Fouling Binary Patterned Peptide SAM

Author(s): Bolduc OR, Pelletier JN, Masson JF

Source: ANALYTICAL CHEMISTRY Volume: 82 Issue: 9 Pages: 3699-3706 Published: MAY 1 2010

4. Propagating Surface Plasmon Resonance on Microhole Arrays

Author(s): Live LS, Bolduc OR, Masson JF

Source: ANALYTICAL CHEMISTRY Volume: 82 Issue: 9 Pages: 3780-3787 Published: MAY 1 2010

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Author(s): Barik S, Friedland S, Skene WG

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Janine Mauzeroll (3)

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