

Dr. Craig Jon Hawker

Date of Birth: January 11, 1964
Toowoomba, Australia

Research Interests: *Synthetic Polymer Chemistry, Nanotechnology--Materials science that integrates fundamental studies with the development of nanostructured materials for advanced properties and functions in microelectronics and biotechnology*

Professional History:

2013-present	Director, California Nanosystems Institute University of California, Santa Barbara
2013-present	Clarke Professor University of California, Santa Barbara
2011-present	Director, Dow Materials Institute University of California, Santa Barbara
2011-2014	KFUPM Chair Professor, King Fahd University of Petroleum and Minerals, Saudi Arabia
2010-present	Alan and Ruth Heeger Chair in Interdisciplinary Science University of California, Santa Barbara
2004-2016	Director and Co-Director of Materials Research Laboratory Professor of Materials, Chemistry and Biochemistry University of California, Santa Barbara
1993-2004	Research Staff Member, IBM Almaden Research Center
2001-present	Honorary Professor School of Chemistry and Molecular Biosciences University of Queensland
1990-1993	Queen Elizabeth II Research Fellow, University of Queensland

Education:

- 1988-1990** Post-doctoral Research Associate, Cornell University
Supervisor: *Professor J.M.J. Fréchet*
- 1985-1988** Ph.D. Degree, University of Cambridge, U.K.
Supervisor: *Professor Sir A.R. Battersby*
Thesis title: *Biosynthesis of Vitamin B₁₂ - Model Studies on the Spiro Intermediate*
- 1981-1984** B.Sc. (1st Class Honors), University of Queensland

Awards:

- 2017 Charles G. Overberger International Prize for Excellence in Polymer Research
- 2016 Belgian Polymer Award
- 2016 Elected Member of the National Academy of Inventors
- 2015 Elected as Fellow: American Association for the Advancement of Science (AAAS)
- 2013 ACS Award in Polymer Chemistry, American Chemical Society
- 2013 Elected Fellow, Royal Society of Chemistry
- 2012 Centenary Prize, Royal Society of Chemistry
- 2011 KFUPM Chair Professor, King Fahd University of Petroleum and Minerals, Saudi Arabia
- 2011 Arthur C. Cope Scholar, American Chemical Society
- 2010 Elected Fellow, American Chemical Society
- 2010 Elected, Fellow of the Royal Society
- 2010 Polymer Division Fellow, American Chemical Society
- 2010 Macro Group UK International Medal for Outstanding Achievement
- 2009 PMSE Fellow, American Chemical Society
- 2008 DSM – International Performance Materials Award, IUPAC
- 2007 Mark Scholar Award, American Chemical Society
- 2006 IBM Research Division Award
- 2005 Dutch Polymer Award, Dutch Chemical Institute
- 2005 ACS Award in Applied Polymer Science, American Chemical Society
- 2004 Industrial Scientist Award, American Chemical Society
- 2003 Co-operative Research Award, American Chemical Society
- 2002 IBM Corporate Technical Recognition Award

2001	Carl S. Marvel Award in Creative Polymer Science, American Chemical Society
2000	Young Scientists Award, IUPAC
1999	Patent Invention Award, IBM Corporation
1997	Arthur K. Doolittle Award, American Chemical Society
1997	Patent Invention Award, IBM Corporation
1995	Innovation Award, IBM Corporation
1993	Rennie Memorial Medal, Royal Australian Chemical Institute
1992	Research Award, Australian Research Council
1991	Treloar Prize, Polymer Division, Royal Australian Chemical Institute
1990	Queen Elizabeth II Research Fellowship, Australian Research Council
1985-1988	Ribbands Scholar, Wolfson College, University of Cambridge
1985-1988	1851 Research Scholarship, Royal Commission for the Exhibition of 1851
1985-1988	Overseas Research Scheme Award, S.E.R.C.
1988	Science Fellow, Harkness Fellowships
1985	Commonwealth Scholarship and Fellowship Award, British Council
1985	Masson Memorial Medal, Royal Australian Chemical Institute
1985	University Medal, University of Queensland
1984	Poole Award, University of Queensland
1984	CSR Chemicals Prize, University of Queensland
1983	Douglas McNaughton Scholarship, University of Queensland
1983	T.G.H. Jones Scholarship, University of Queensland
1982	Edward Taylor Memorial Prize, University of Queensland
1981	Chemistry Prize, University of Queensland

Named Lecturerships:

2018	Barré Lectures, University of Montreal
2018	MilliporeSigma Lecture, Georgia Institute of Technology
2017	Covestro Lectures, University of Pittsburgh
2017	Axelta Lecturer, University of Pennsylvania
2017	Overberger Lecturer, University of Michigan
2017	Kramer Lecture, University of Wisconsin, Madison
2017	Dauben Lecturer, University of Washington
2017	Aldrich Lecturer, University of Colorado, Boulder
2016	Nova Lecturer, Canadian High Polymer Conference
2016	Patterson Lectureship, University of Western Ontario
2016	Kurt Wohl Memorial Lectureship, University of Delaware
2016	Jean Dreyfus Boissevain Lecturer, Western Washington University
2015	Dow Lecturer, Northwestern University
2015	Sproull Lecturer, Cornell University
2015	Purves Lecturer, McGill University
2015	The Grandpierre Lecturer, Columbia University
2015	Eli Lilly Distinguished Lecturer, Colorado State University
2015	Pettit Lecturer, University of Texas, Austin

2014 Bridgestone Distinguished Lecturer, Case Western Reserve University
2014 Richard T. Arnold Lecturer, Southern Illinois University
2014 William G. Dauben Lecturer, University of California, Berkeley
2014 McGavock Lectureship, Trinity University
2014 Peter Timms Lecturer, University of Bristol, UK
2013 Otto Warburg Lecturer, University of Bayreuth, Germany
2013 Gassman Lecturer, University of Minnesota
2013 MacLean Lecturer, McMaster University
2012 CPE Lecturer, Imperial College of Science and Technology, UK
2012 Merck-Karl Pfister Lecturer, MIT
2012 Marker Lecturer, Pennsylvania State University
2012 Eastman Lecturer, University of Akron
2011 Class of '60 Lecturer, Williams College
2011 Commencement Speaker, University of California, Santa Barbara
2010 Bayer Lecturer, University of Southern Mississippi
2010 RSC Chemical Sciences Lecturer, UK
2010 Moses Gomberg Lecturer, University of Michigan
2007 Humphrey Memorial Lecturer, University of Vermont
2006 Proctor & Gamble Lecturer, Wright State University
2006 Dillion Steele Lecturer, University of Queensland, Australia
2006 IMS Distinguished Lecturer, University of Connecticut
2005 Murtiashaw Lecturer, University of South Carolina
2005 Discovery Lecturer, DuPont Central Research
2005 Frontiers Lecturer, Department of Chemistry, Texas A&M University.
2004 Victor M. Chambers Memorial Lecturer, Department of Chemistry,
University of Rochester
2004 Cherry Emerson Jr. Lecturer, Department of Chemistry, Georgia Institute
of Technology
2003 Bayer-Stein Lecturer, Department of Chemistry, University of
Massachusetts, Amherst
2002 Whitby Memorial Lecturer, Department of Polymer Science, University of
Akron
2002 Inaugural Cornforth Lecturer, Department of Chemistry, University of
Sydney, Australia
2002 Melville Lecturer, Department of Chemistry, University of Cambridge,
UK
1999 Rauscher Lecturer, Rensselaer Polytechnic Institute, NY
1998 Carothers Lecturer, DuPont Central Research

Professional Activities:

- Editor, Journal of Polymer Science
- International Editorial Board, Angewandte Chemie International Edition

- Editorial Board, Chemical Communications
- Editorial Board, ACS Combinatorial Science
- Editorial Board, Polymer Bulletin
- Editorial Board, International Journal of Polymeric Materials
- Editorial Board, Progress in Polymer Science
- Editorial Board, Journal of Nanotechnology, Science and Applications
- Editorial Board, Current Opinion in Solid State and Materials Science
- Chair, 2003 Polymers (East) Gordon Research Conference
- Adjunct Professor of Chemistry, University of Queensland
- Royal Australian Chemical Institute, Member
- Member, Polymer Division, Royal Australian Chemical Institute
- U.S.A. Representative, International Relations Committee, RACI

Advisory Boards and Consulting:

- Co-Inventor, Advisor Olaplex LLC and Liqwd (2013-present)
- Scientific Advisory Board, Tricida (2013-present)
- Scientific Advisory Board, Relypsa (2007-2013, 2015-present)
- Scientific Advisory Board, Amgen (2007)
- Scientific Advisory Board, Ilypsa Therapeutics (2007)
- Scientific Advisory Board, Intezyne Inc. (2005-2011)
- Technical Advisory Board, Intermolecular Inc. (2005-2015)
- Technical Advisory Board, Mitsubishi Chemical Company (2004-2006)
- Scientific Advisory Board, Warwick Effect Polymers (2003-2011)
- Scientific Advisory Board, SYMYX Technologies (1997-2003)
- Scientific Advisory Board, MicroBar Technologies (1998-2001)

- Scientific Advisory Board, Molecular Foundry, Lawrence Berkeley National Laboratory (2005-present)
- Scientific Advisory Board, Australian Institute for Bioengineering and Nanotechnology (2004-present)
- Scientific Advisory Board, MIT Institute for Soldier Nanotechnologies (2004-2012)
- Scientific Advisory Board, NSEC, University of Wisconsin, Madison (2003-2012)
- Advisory Board, Materials Research Laboratory, University of Illinois (2006-present)

Publications:

515. Ku, K.H.; Lee, Y.J.; Yi, G.R.; Jang, S.G.; Schmidt, B.V.K.J.; Liao, K.; Klinger, D.; Hawker, C.J.; Kim, B.J., "Shape-Tunable Biphasic Janus Particles as pH-Responsive Switchable Surfactants", *Macromolecules*, **2017**, *50*, 9276-9285, DOI: 10.1021/acs.macromol.7b02365

514. Perry, E.E.; Chiu, C.Y.; Moudgil, K.; Schlitz, R.A.; Takacs, C.J.; O'Hara, K.A.; Labram, J.G.; Glauddell, A.M.; Sherman, J.B.; Barlow, S.; Hawker, C.J.; Marder, S.R.; Chabinyc, M.L. "High Conductivity in a Nonplanar n-Doped Ambipolar Semiconducting Polymer", *Chem. Mater.*, **2017**, *29*, 9742-9750, DOI: 10.1021/acs.chemmater.7b03516
513. Lee, I.H.; Discekici, E.H.; Shankel, S.L.; Anastasaki, A.; de Alaniz, J.R.; Hawker, C.J.; Lunn, D.J., "Desulfurization-bromination: direct chain-end modification of RAFT polymers", *Polym. Chem.*, **2017**, *8*, 7188-7194, DOI: 10.1039/c7py01702b
512. Preefer, M.B.; Oschmann, B.; Hawker, C.J.; Seshadri, R.; Wudl, F., "High Sulfur Content Material with Stable Cycling in Lithium-Sulfur Batteries", *Angew. Chem., Int. Ed. Engl.*, **2017**, *56*, 15118-15122, DOI: 10.1002/anie.201708746
511. Anastasaki, A.; Oschmann, B.; Willenbacher, J.; Melker, A.; Van Son, M.H.C.; Truong, N.P.; Schulze, M.W.; Discekici, E.H.; McGrath, A.J.; Davis, T.P.; Bates, C.M.; Hawker, C.J., "One-Pot Synthesis of ABCDE Multiblock Copolymers with Hydrophobic, Hydrophilic, and Semi-Fluorinated Segments", *Angew. Chem., Int. Ed. Engl.*, **2017**, *56*, 14483-14487, DOI: 10.1002/anie.201707646.
510. Cowart, J.S.; Liman, C.; Garnica, A.; Page, Z.A.; Lim, E.; Zope, R.R.; Baruah, T.; Hawker, C.J.; Chabinyc, M.L., "Donor-fullerene dyads for energy cascade organic solar cells", *Inorganica Chimica Acta*, **2017**, *468*, 192-202; DOI: 10.1016/j.ica.2017.07.008
509. Lawrence, J.; Goto, E.; Ren, J.M.; McDearmon, B.; Kim, D.S.; Ochiai, Y.; Clark, P.G.; Laitar, D.; Higashihara, T.; Hawker, C.J. "A Versatile and Efficient Strategy to Discrete Conjugated Oligomers", *J. Am. Chem. Soc.*, **2017**, *139*, 13735-13739; DOI: 10.1021/jacs.7b05299
508. Dolinski, N.D.; Page, Z.A.; Eisenreich, F.; Niu, J.; Hecht, S.; de Alaniz, J.R.; Hawker, C.J. "A Versatile Approach for In Situ Monitoring of Photoswitches and Photopolymerizations", *ChemPhotoChem*, **2017**, *1*, 125-131; DOI: 10.1002/cptc.201600045.
507. Oschmann, B.; Lawrence, J.; Schulze, M.W.; Ren, J.M.; Anastasaki, A.; Luo, Y.D.; Nothling, M.D.; Pester, C.W.; Delaney, K.T.; Connal, L.A.; McGrath, A.J.; Clark, P.G.; Bates, C.M.; Hawker, C.J. "Effects of Tailored Dispersity on the Self-Assembly of Dimethylsiloxane-Methyl Methacrylate Block Co-Oligomers", *ACS Macro Letters*, **2017**, *6*, 668-673, DOI: 10.1021/acsmacrolett.7b00262.
506. Ulrich, S.; Hemmer, J.R.; Page, Z.A.; Dolinski, N.D.; Rifaie-Graham, O.; Bruns, N.; Hawker, C.J.; Boesel, L.F.; de Alaniz, J.R. "Visible Light-Responsive DASA-Polymer Conjugates", *ACS Macro Letters*, **2017**, *6*, 738-742, DOI: 10.1021/acsmacrolett.7b00350.
505. Nothling, M.D.; Ganesan, A.; Condic-Jurkic, K.; Pressly, E.; Davalos, A.; Gotrik, M.R.; Xiao, Z.Y.; Khoshdel, E.; Hawker, C.J.; O'Mara, M.; Coote, M.L.; Connal, L.A. "Simple Design of an Enzyme-Inspired Supported Catalyst Based on a Catalytic Triad", *CHEM*, **2017**, *2*, 732-745; DOI: 10.1016/j.chempr.2017.04.004.
504. Gutekunst, W.R.; Anastasaki, A.; Lunn, D.J.; Truong, N.P.; Whitfield, R.; Jones, G.R.; Treat, N.J.; Abdilla, A.; Barton, B.E.; Clark, P.G.; Haddleton, D.M.; Davis, T.P.; Hawker, C.J., "Practical Chain-End Reduction of Polymers Obtained with

- ATRP”, *Macromol. Chem. Phys.*, **2017**, *218*, Article Number: 1700107, DOI: 10.1002/macp.201700107.
503. Fu, C.K.; Huang, Z.X.; Hawker, C.J.; Moad, G.; Xu, J.T.; Boyer, C. “RAFT-mediated, visible light-initiated single unit monomer insertion and its application in the synthesis of sequence-defined polymers”, *Polym. Chem.*, **2017**, *8*, 4637-4643, DOI: 10.1039/c7py00713b
502. Lunn, D.J.; Discekici, E.H.; de Alaniz, J.R.; Gutekunst, W.R.; Hawker, C.J., “Established and Emerging Strategies for Polymer Chain-End Modification”, *J. Polym. Sci., Polym. Chem.*; **2017**, *55*, 2903-2914, DOI: 10.1002/pola.28575.
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500. McDearmon, B.; Lim, E.; O'Hara, K.; Nakayama, H.; Luo, Y.D.; Chabinye, M.L.; Hawker, C.J., “Synthesis of a Versatile Pentacyclic Building Block for Organic Electronics”, *J. Polym. Sci., Polym. Chem.*; **2017**, *55*, 2618-2628, DOI: 10.1002/pola.28656.
499. Stahl, B.C.; Kramer, E.J.; Hawker, C.J.; Lynd, N.A., “Controlled co-solvent vapor annealing and the importance of quenching conditions in thin-film block copolymer self-assembly”, *J. Polym. Sci., Polym. Phys.*; **2017**, *55*, 1125-1130, DOI: 10.1002/polb.24366.
498. Xu, J.T.; Fu, C.K.; Shanmugam, S.; Hawker, C.J.; Moad, G.; Boyer, C., “Synthesis of Discrete Oligomers by Sequential PET-RAFT Single-Unit Monomer Insertion”, *Angew. Chem., Int. Ed. Engl.*, **2017**, *56*, 8376-8383, DOI: 10.1002/anie.201610223.
497. Lee, I.H.; Discekici, E.H.; Anastasaki, A.; de Alaniz, J.R.; Hawker, C.J., “Controlled radical polymerization of vinyl ketones using visible light”, *Polym. Chem.*, **2017**, *8*, 3351-3356, DOI: 10.1039/c7py00617a
496. Page, Z.A.; Narupai, B.; Pester, C.W.; Zerdan, R.B.; Sokolov, A.; Laitar, D.S.; Mukhopadhyay, S.; Sprague, S.; McGrath, A.J.; Kramer, J.W.; Trefonas, P.; Hawker, C.J. “Novel Strategy for Photopatterning Emissive Polymer Brushes for Organic Light Emitting Diode Applications”, *ACS Cent. Sci.*, **2017**, *3*, 654-661, DOI: 10.1021/acscentsci.7b00165.
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494. Andren, O.C.J.; Zhang, Y.N.; Lundberg, P.; Hawker, C.J.; Nystrom, A.M.; Malkoch, M., “Therapeutic Nanocarriers via Cholesterol Directed Self-Assembly of Well-Defined Linear-Dendritic Polymeric Amphiphiles”, *Chem. Mater.*, **2017**, *29*, 3891-3898, DOI: 10.1021/acs.chemmater.6b05095.
493. Discekici, E.H.; Anastasaki, A.; Kaminker, R.; Willenbacher, J.; Truong, N.P.; Fleischmann, C.; Oschmann, B.; Lunn, D.J.; de Alaniz, J.R.; Davis, T.P.; Bates, C.M.; Hawker, C.J. “Light-Mediated Atom Transfer Radical Polymerization of

- Semi-Fluorinated (Meth)acrylates: Facile Access to Functional Materials”, *J. Am. Chem. Soc.*, **2017**, *139*, 5939-5945, DOI: 10.1021/jacs.7b01694.
492. Fleischmann, C.; Anastasaki, A.; Gutekunst, W.R.; McGrath, A.J.; Hustad, P.D.; Clark, P.G.; Laitar, D.S.; Hawker, C.J., “Direct Access to Functional (Meth)Acrylate Copolymers Through Transesterification with Lithium Alkoxides” *J. Polym. Sci., Polym. Chem.*; **2017**, *55*, 1566-1574, DOI: 10.1002/pola.28524.
491. Murakami, T.; Schmidt, B.V.K.J.; Brown, H.R.; Hawker, C.J., “Structural Versatility in Slide-Ring Gels: Influence of Co-Threaded Cyclodextrin Spacers”, *J. Polym. Sci., Polym. Chem.*; **2017**, *55*, 1156-1165, DOI: 10.1002/pola.28490.
490. Schmidt, B.V.K.J.; Kugele, D.; von Irmer, J.; Steinkoenig, J.; Mutlu, H.; Ruttiger, C.; Hawker, C.J.; Gallei, M.; Barner-Kowollik, C., “Dual-Gated Supramolecular Star Polymers in Aqueous Solution”, *Macromolecules*, **2017**, *50*, 2375-2386, DOI: 10.1021/acs.macromol.7b00165.
489. Page, Z.A.; Chiu, C.Y.; Narupai, B.; Laitar, D.S.; Mukhopadhyay, S.; Sokolov, A.; Hudson, Z.M.; Zerdan, R.B.; McGrath, A.J.; Kramer, J.W.; Hawker, C.J., “Highly Photoluminescent Nonconjugated Polymers for Single-Layer Light Emitting Diodes”, *ACS Photonics*, **2017**, *4*, 631-641, DOI: 10.1021/acsp Photonics.6b00994.
488. Diaz, Y.J.; Page, Z.A.; Knight, A.S.; Treat, N.J.; Hemmer, J.R.; Hawker, C.J.; de Alaniz, J.R., “A Versatile and Highly Selective Colorimetric Sensor for the Detection of Amines”, *Chem. – Eur. J.*, **2017**, *23*, 3562-3566, DOI: 10.1002/chem.201700368.
487. Page, Z.A.; Zerdan, R.B.; Gutekunst, W.R.; Anastasaki, A.; Seo, S.; McGrath, A.J.; Lunn, D.J.; Clark, P.G.; Hawker, C.J., “A di-tert-butyl acrylate monomer for controlled radical photopolymerization”, *J. Polym. Sci., Polym. Chem.*; **2017**, *55*, 801-807, DOI: 10.1002/pola.28443.
486. Whitfield, R.; Anastasaki, A.; Nikolaou, V.; Jones, G.R.; Engelis, N.G.; Discekici, E.H.; Fleischmann, C.; Willenbacher, J.; Hawker, C.J.; Haddleton, D.M., “Universal Conditions for the Controlled Polymerization of Acrylates, Methacrylates, and Styrene via Cu(0)-RDRP”, *J. Am. Chem. Soc.*, **2017**, *139*, 1003-1010, DOI: 10.1021/jacs.6b11783.
485. Discekici, E.H.; Shankel, S.L.; Anastasaki, A.; Oschmann, B.; Lee, I.H.; Niu, J.; McGrath, A.J.; Clark, P.G.; Laitar, D.S.; de Alaniz, J.R.; Hawker, C.J. “Dual-pathway chain-end modification of RAFT polymers using visible light and metal-free conditions”, *Chem. Commun.*, **2017**, *53*, 1888-1891. DOI: 10.1039/c6cc08370f.
484. Anastasaki, A.; Willenbacher, J.; Fleischmann, C.; Gutekunst, W.R.; Hawker, C.J. “End group modification of poly(acrylates) obtained via ATRP: a user guide”, *Polym. Chem.*, **2017**, *8*, 689-697, DOI: 10.1039/c6py01993e.
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482. Hemmer, J.R.; Poelma, S.O.; Treat, N.; Page, Z.A.; Dolinski, N.D.; Diaz, Y.J.; Tomlinson, W.; Clark, K.D.; Hooper, J.P.; Hawker, C.J.; Read de Alaniz, J.,

- “More Tunable Visible and Near Infrared Photoswitches”, *J. Am. Chem. Soc.*, **2016**, *138*, 13960-13966, DOI: 10.1021/jacs.6b07434.
481. Pester, C.W.; Narupai, B.; Mattson, K.M.; Bothman, D.P.; Klinger, D.; Lee, K.W.; Discekici, E.H.; Hawker, C.J. “Engineering Surfaces through Sequential Stop-Flow Photopatterning”, *Adv. Mater.*, **2016**, *28*, 9292-9296, DOI: 10.1002/adma.201602900.
480. Lee, J.; McGrath, A.J.; Hawker, C.J.; Kim, B.S. “pH-Tunable Thermoresponsive PEO-Based Functional Polymers with Pendant Amine Groups”, *ACS Macro Letters*, **2016**, *5*, 1391-1396. DOI: 10.1021/acsmacrolett.6b00830.
479. Fong, F.Y.; Oh, S.S.; Hawker, C.J.; Soh, H.T. “In Vitro Selection of pH-Activated DNA Nanostructures”, *Angew. Chem. Int. Ed.* **2016**, *55*, 15258-15262, DOI: 10.1002/anie.201607540.
478. Kim, S.; Li, W.; Fredrickson, G.H.; Hawker, C.J.; Kramer, E.J., “Order-disorder transition in thin films of horizontally-oriented cylinder-forming block copolymers: thermal fluctuations vs. preferential wetting”, *Soft Matter*, **2016**, *12*, 5915-5925, DOI: 10.1039/c6sm00739b.
477. Poelma, S.O.; Oh, S.S.; Helmy, S.; Knight, A.S.; Burnett, G.L.; Soh, H.T.; Hawker, C.J.; de Alaniz, J.R., “Controlled drug release to cancer cells from modular one-photon visible light-responsive micellar system”, *Chem. Commun.*, **2016**, *52*, 10525-10528, DOI: 10.1039/c6cc04127b.
476. Minehara, H.; Pitet, L.M.; Kim, S.; Zha, R.H.; Meijer, E.W.; Hawker, C.J., “Branched Block Copolymers for Tuning of Morphology and Feature Size in Thin Film Nanolithography”, *Macromolecules*, **2016**, *49*, 2318-2326, DOI: 10.1021/acs.macromol.5b02649.
475. Mattson, K.M.; Pester, C.W.; Gutekunst, W R.; Hsueh, A.T.; Discekici, E.H.; Luo, Y.D.; Schmidt, B.V.K.J.; McGrath, A.J.; Clark, P.G.; Hawker, C.J., “Metal-Free Removal of Polymer Chain Ends Using Light”, *Macromolecules*, **2016**, *49*, 8162-8166. DOI: 10.1021/acs.macromol.6b01894.
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- Alaniz, J.R. "Chemoselective Radical Dehalogenation and C-C Bond Formation on Aryl Halide Substrates Using Organic Photoredox Catalysts", *J. Org. Chem.*, **2016**, *81*, 7155-7160. DOI: 10.1021/acs.joc.6b01034
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469. Wang, C.X.; Utech, S.; Gopez, J.D.; Mabesoone, M.F.J.; Hawker, C.J.; Klinger, D. "Non-Covalent Microgel Particles Containing Functional Payloads: Coacervation of PEG-Based Triblocks via Microfluidics", *ACS Appl. Mater. & Interfaces*, **2016**, *8*, 16914-16921. DOI: 10.1021/acsami.6b03356
468. Luehmann, H.P.; Detering, L.; Fors, B.P.; Pressly, E.D.; Woodard, P.K.; Randolph, G.J.; Gropler, R.J.; Hawker, C.J.; Liu, Y.J. "PET/CT Imaging of Chemokine Receptors in Inflammatory Atherosclerosis Using Targeted Nanoparticles", *J. Nucl. Med.*, **2016**, *57*, 1124-1129. DOI: 10.2967/jnumed.115.166751
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