

Top Authors and Their Most Highly Cited Articles

Author	Top article	Citation	Author list	Article type
Andersson M. R.	Polarized Electroluminescence from an Oriented Substituted Polythiophene in a Light-Emitting Diode	<i>Adv. Mater.</i> 1995 , 7, 43.	P. Dyreklev, M. Berggren, O. Inganäs, M. R. Andersson, O. Wennerstrom, T. Hjertberg	Communication
Antonietti M.	Amphiphilic Block Copolymers in Structure-Controlled Nanomaterial Hybrids	<i>Adv. Mater.</i> 1998 , 10, 195.	S. Forster, M. Antonietti	Review
Bao Z.	Oxadiazole-Containing Conjugated Polymers for Light-Emitting Diodes	<i>Adv. Mater.</i> 1998 , 10, 680.	Z. H. Peng, Z. N. Bao, M. E. Galvin	Communication
Bäuerle P.	End-capped Oligothiophenes-New Model Compounds for Polythiophenes	<i>Adv. Mater.</i> 1992 , 4, 102.	P. Bäuerle	Communication
Bosshard C.	Structure-Property Relationships in Nonlinear Optical Tetraethynylethenes	<i>Adv. Mater.</i> 1996 , 8, 231.	C. Bosshard, R. Spreiter, P. Gunter, R. R. Tykwinski, M. Schreiber, F. Diederich	Communication
Bradley D. D. C.	Angular-Dependence of the Emission from a Conjugated Polymer Light-Emitting Diode—Implications for Efficiency Calculations	<i>Adv. Mater.</i> 1994 , 6, 491.	N. C. Greenham, R. H. Friend, D. D. C. Bradley	Communication
Brédas J.-L.	The Exciton Binding Energy in Luminescent Conjugated Polymers	<i>Adv. Mater.</i> 1996 , 8, 447.	J. L. Brédas, J. Cornil, A. J. Heeger	Research News
Brust M.	Novel Gold-Dithiol Nano-Networks with Non-metallic Electronic-Properties	<i>Adv. Mater.</i> 1995 , 7, 795.	M. Brust, D. Bethell, D. J. Schiffrin, C. J. Kiely	Communication
Burn P. L.	Large Changes in Optical-Response Through Chemical Preordering of Poly(<i>p</i> -phenylenevinylene)	<i>Adv. Mater.</i> 1993 , 5, 40.	D. A. Halliday, P. L. Burn, D. D. C. Bradley, R. H. Friend, O. M. Gelsen, A. B. Holmes, A. Kraft, J. H. F. Martens, K. Pichler	Communication
Cahen D.	A Model for the Successful Growth of Polycrystalline Films of CuInSe ₂ by Multisource Physical Vacuum Evaporation	<i>Adv. Mater.</i> 1993 , 5, 114.	R. Klenk, T. Walter, H. W. Schock, D. Cahen	Communication
Caruso F.	Nanoengineering of Particle Surfaces	<i>Adv. Mater.</i> 2001 , 13, 11.	F. Caruso	Review
Chmelka B. F.	Continuous Mesoporous Silica Films with Highly Ordered Large Pore Structures	<i>Adv. Mater.</i> 1998 , 10, 1380.	D. Zhao, P. Yang, N. Melosh, J. Feng, B. F. Chmelka, G. D. Stucky	Communication
Coombs N.	Metamorphic Materials: Restructuring Siliceous Mesoporous Materials	<i>Adv. Mater.</i> 1995 , 7, 842.	D. Khushalani, A. Kuperman, G. A. Ozin, K. Tanaka, J. Garces, M. M. Olken, N. Coombs	Communication
Dickert F. L.	Sensor Materials for Solvent Vapor Detection—Donor—Acceptor and Host—Guest Interactions	<i>Adv. Mater.</i> 1993 , 5, 887.	F. L. Dickert, A. Haunschild	Review
Fendler J. H.	The Colloid—Chemical Approach to Nanostructured Materials	<i>Adv. Mater.</i> 1995 , 7, 607.	J. H. Fendler, F. C. Meldrum	Review
Fichou D.	An All-Organic Soft Thin-Film Transistor with Very High Carrier Mobility	<i>Adv. Mater.</i> 1990 , 2, 592.	F. Garnier, G. Horowitz, X. H. Peng, D. Fichou	Communication
Friend R. H.	Angular-Dependence of the Emission from a Conjugated Polymer Light-Emitting Diode—Implications for Efficiency Calculations	<i>Adv. Mater.</i> 1994 , 6, 491.	N. C. Greenham, R. H. Friend, D. D. C. Bradley	Communication
Giannelis E. P.	Polymer Layered Silicate Nanocomposites	<i>Adv. Mater.</i> 1996 , 8, 29.	E. P. Giannelis	Review
Haarer D.	A Polysiloxane-Based Photorefractive Polymer with High Optical Gain and Diffraction Efficiency	<i>Adv. Mater.</i> 1995 , 7, 911.	O. Zobel, M. Eckl, P. Strohrriegel, D. Haarer	Communication
Hadziioannou G.	Tuning of Photoluminescence and Electroluminescence in Allylated Polythiophenes with Well-Defined Regioregularity	<i>Adv. Mater.</i> 1994 , 6, 132.	R. Gill, G. G. Malliaras, J. Wildeman, G. Hadziioannou	Communication
Heeger A. J.	The Exciton Binding Energy in Luminescent Conjugated Polymers	<i>Adv. Mater.</i> 1996 , 8, 447.	J. L. Brédas, J. Cornil, A. J. Heeger	Research News
Horowitz G.	An All-Organic Soft Thin-Film Transistor with Very High Carrier Mobility	<i>Adv. Mater.</i> 1990 , 2, 592.	F. Garnier, G. Horowitz, X. Peng, D. Fichou	Communication
Inganäs O.	Polarized Electroluminescence from an Oriented Substituted Polythiophene in a Light-Emitting Diode	<i>Adv. Mater.</i> 1995 , 7, 43.	P. Dyreklev, M. Berggren, O. Inganäs, M. R. Andersson, O. Wennerstrom, T. Hjertberg	Communication

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Miller J. S.	<i>meso</i> -(Tetraphenylporphinato)manganese(III)-Tetracyanoethenide, [M ^{III} TPP] ²⁺ [TCNE] ⁻ . A New Structure-Type Linear-Chain Magnet with a T_c of 18 K	<i>Adv. Mater.</i> 1992 , 4, 498.	J. S. Miller, J. C. Calabrese, R. Scott McLean, A. J. Epstein	Communication
Möhwald H.	Magnetic Core–Shell Particles: Preparation of Magnetite Multilayers on Polymer Latex Microspheres	<i>Adv. Mater.</i> 1999 , 11, 950.	F. Caruso, A. S. Susha, M. Giersig, H. Mohwald	Communication
Müllen K.	Oligomeric Tetrathiafulvenes: Extended Donors for Increasing the Dimensionality of Electrical-Conduction	<i>Adv. Mater.</i> 1994 , 6, 439.	M. Adam, K. Müllen	Review
Neher D.	Polarized Light Emission from LEDs Prepared by the Langmuir–Blodgett Technique	<i>Adv. Mater.</i> 1996 , 8, 146.	V. Cimrova, M. Remmers, D. Neher, G. Wegner	Communication
Novak B. M.	Hybrid Nanocomposite Materials—Between Inorganic Glasses and Organic Polymers	<i>Adv. Mater.</i> 1993 , 5, 422.	B. M. Novak	Review
Ozin G. A.	Nanochemistry: Synthesis in Diminishing Dimensions	<i>Adv. Mater.</i> 1992 , 4, 612.	G. A. Ozin	Review
Pileni M.-P.	Self-Organization of Size-Selected Nanoparticles into Three-Dimensional Superlattices	<i>Adv. Mater.</i> 1996 , 8, 1018.	L. Motte, F. Billoudet, E. Lacaze, M.-P. Pileni	Communication
Pinnavaia T. J.	Access in Mesoporous Materials: Advantages of a Uniform Pore Structure in the Design of a Heavy Metal Ion Adsorbent for Environmental Remediation	<i>Adv. Mater.</i> 1997 , 9, 500.	L. Mercier, T. J. Pinnavaia	Communication
Reinhoudt D. N.	The Transduction of Host–Guest Interactions into Electronic Signals by Molecular Systems	<i>Adv. Mater.</i> 1990 , 2, 23.	D. N. Reinhoudt, E. J. R. Sudhölter	Review
Reynolds J. R.	Poly(3,4-ethylenedioxythiophene) and Its Derivatives: Past, Present, and Future	<i>Adv. Mater.</i> 2000 , 12, 481.	B. L. Groenendaal, F. Jonas, D. Freitag, H. Pielartzik, J. R. Reynolds	Review
Salaneck W. R.	The Metal-on-Polymer Interface in Polymer Light-Emitting Diodes	<i>Adv. Mater.</i> 1996 , 8, 48.	W. R. Salaneck, J. L. Brédas	Communication
Scherf U.	A Flexible Conjugated Polymer Laser	<i>Adv. Mater.</i> 1998 , 10, 920.	C. Kallinger, M. Hilmer, A. Haugeneder, M. Perner, W. Spirk, U. Lemmer, J. Feldmann, U. Scherf, K. Mullen, A. Gombert, V. Wittwer	Communication
Schmidt H.-W.	Enhanced Efficiency of Polymer Light-Emitting Diodes Utilizing Oxadiazole Polymers	<i>Adv. Mater.</i> 1995 , 7, 839.	E. Buchwald, M. Meier, S. Karg, P. Posch, H. W. Schmidt, P. Strohrig, W. Riess, M. Schwoerer	Communication
Shirota Y.	Thermally Stable Multilayered Organic Electroluminescent Devices using Novel Starburst Molecules, 4,4'4''-Tri(<i>N</i> -carbazolyl) Triphenylamine (TCTA) and 4,4'4''-Tris(3-methylphenylphenyl-Amino)Triphenylamine (M-MTDATA), as Hole-Transport Materials	<i>Adv. Mater.</i> 1994 , 6, 677.	Y. Kuwabara, H. Ogawa, H. Inada, N. Noma, Y. Shirota	Communication
Stucky G. D.	Continuous Mesoporous Silica Films with Highly Ordered Large Pore Structures	<i>Adv. Mater.</i> 1998 , 10, 1380.	D. Zhao, P. Yang, N. Melosh, J. Feng, B. F. Chmelka, G. D. Stucky	Communication
Tomalia D. A.	Starburst Cascade Dendrimers: Fundamental Building-Blocks for a New Nanoscopic Chemistry Set	<i>Adv. Mater.</i> 1994 , 6, 529.	D. A. Tomalia	Review
Wegner, G.	Polarized Light Emission from LEDs Prepared by the Langmuir–Blodgett Technique	<i>Adv. Mater.</i> 1996 , 8, 146.	V. Cimrova, M. Remmers, D. Neher, G. Wegner	Communication
Weller H.	Quantized Semiconductor Particles—A Novel State of Matter for Materials Science	<i>Adv. Mater.</i> 1993 , 5, 88.	R. L. Whetten	Review
Whetten R. L.	Nanocrystal Gold Molecules	<i>Adv. Mater.</i> 1996 , 8, 428.	R. L. Whetten, J. T. Khoury, M. M. Alvarez, S. Murthy, I. Vezmar, Z. L. Wang, P. W. Stephens, C. L. Cleveland, W. D. Luedtke, U. Landmann	Communication

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Whitesides G. M.	Microfabrication by Microcontact Printing of Self-Assembled Monolayers	<i>Adv. Mater.</i> 1994 , 6, 600.	J. L. Wilbur, A. Kumar, E. Kim, G. M. Whitesides	Research News
Wöhrlé D. Xia Y.	Organic Solar-Cells Monodispersed Colloidal Spheres: Old Materials with New Applications	<i>Adv. Mater.</i> 1991 , 3, 129. <i>Adv. Mater.</i> 2000 , 12, 693.	D. Wöhrlé, D. Meissner Y. N. Xia, B. Gates, Y. D. Yin, Y. Lu	Review Review
Yang P.	Continuous Mesoporous Silica Films with Highly Ordered Large Pore Structures	<i>Adv. Mater.</i> 1998 , 10, 1380.	D. Zhao, P. Yang, N. Melosh, J. Feng, B. F. Chmelka, G. D. Stucky	Communication
Yassar A.	Two-Layer Light-Emitting Diodes Based on Sexithiophene and Derivatives	<i>Adv. Mater.</i> 1994 , 6, 752.	G. Horowitz, P. Delannoy, H. Bouchriha, F. Deloffre, J. L. Fave, F. Garnier, R. Hajlaoui, M. Heyman, F. Kouki, P. Valat, V. Wintgens, A. Yassar	Communication
Yin Y.	Monodispersed Colloidal Spheres: Old Materials with New Applications	<i>Adv. Mater.</i> 2000 , 12, 693.	Y. Xia, B. Gates, Y. Yin, Y. Lu	Review
Zentel R.	Ferroelectric Liquid-Crystalline Polysiloxanes with High Spontaneous Polarization and Possible Applications in Nonlinear Optics	<i>Adv. Mater.</i> 1990 , 2, 539.	H. Kapitza, R. Zentel, R. J. Twieg, C. Nguyen, S. U. Vallerien, F. Kremer, C. G. Willson	Communication
Zhao D.	Continuous Mesoporous Silica Films with Highly Ordered Large Pore Structures	<i>Adv. Mater.</i> 1998 , 10, 1380.	D. Zhao, P. Yang, N. Melosh, J. Feng, B. F. Chmelka, G. D. Stucky	Communication

