

Michael J Therien

List of Publications by Year in descending order

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182
papers

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22153

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99
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187
all docs

187
docs citations

187
times ranked

10830
citing authors

#	ARTICLE	IF	CITATIONS
1	Twisted molecular wires polarize spin currents at room temperature. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	8
2	Synthetic Control of Exciton Dynamics in Bioinspired Cofacial Porphyrin Dimers. <i>Journal of the American Chemical Society</i> , 2022, 144, 6298-6310.	13.7	17
3	Printable and recyclable carbon electronics using crystalline nanocellulose dielectrics. <i>Nature Electronics</i> , 2021, 4, 261-268.	26.0	62
4	EPR of Photoexcited Triplet-State Acceptor Porphyrins. <i>Journal of Physical Chemistry C</i> , 2021, 125, 11782-11790.	3.1	13
5	Excited-State Dynamics and Nonlinear Optical Properties of Hyperpolarizable Chromophores Based on Conjugated Bis(terpyridyl)Ru(II) and Palladium and Platinum Porphyrinic Components: Impact of Heavy Metals upon Supermolecular Electro-Optic Properties. <i>Inorganic Chemistry</i> , 2021, 60, 15404-15412.	4.0	2
6	Spinning Molecules, Spinning Spins: Modulation of an Electron Spin Exchange Interaction in a Highly Anisotropic Hyperfine Field. <i>ACS Omega</i> , 2021, 6, 27865-27873.	3.5	4
7	De Novo Design, Solution Characterization, and Crystallographic Structure of an Abiological Mn ^{IV} -Porphyrin-Binding Protein Capable of Stabilizing a Mn(V) Species. <i>Journal of the American Chemical Society</i> , 2021, 143, 252-259.	13.7	19
8	Driving high quantum yield NIR emission through proquinoidal linkage motifs in conjugated supermolecular arrays. <i>Chemical Science</i> , 2020, 11, 8095-8104.	7.4	11
9	Electronic structure and photophysics of a supermolecular iron complex having a long MLCT-state lifetime and panchromatic absorption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20430-20437.	7.1	23
10	Topology, Distance, and Orbital Symmetry Effects on Electronic Spin-Spin Couplings in Rigid Molecular Systems: Implications for Long-Distance Spin-Spin Interactions. <i>Journal of Physical Chemistry A</i> , 2020, 124, 7411-7415.	2.5	5
11	Allosteric cooperation in a de novo-designed two-domain protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 33246-33253.	7.1	35
12	Tribute to David N. Beratan. <i>Journal of Physical Chemistry B</i> , 2020, 124, 3437-3440.	2.6	0
13	Distance Dependence of Electronic Coupling in Rigid, Cofacially Compressed, π -Stacked Organic Mixed-Valence Systems. <i>Journal of Physical Chemistry B</i> , 2020, 124, 1033-1048.	2.6	9
14	Mapping hole hopping escape routes in proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15811-15816.	7.1	35
15	Excitation energy-dependent photocurrent switching in a single-molecule photodiode. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16198-16203.	7.1	10
16	Low-Resistance Molecular Wires Propagate Spin-Polarized Currents. <i>Journal of the American Chemical Society</i> , 2019, 141, 14707-14711.	13.7	33
17	Engineering opposite electronic polarization of singlet and triplet states increases the yield of high-energy photoproducts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14465-14470.	7.1	10
18	Orientational Dependence of Cofacial Porphyrin-Quinone Electronic Interactions within the Strong Coupling Regime. <i>Journal of Physical Chemistry B</i> , 2019, 123, 10456-10462.	2.6	8

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19	Unusual solvent polarity dependent excitation relaxation dynamics of a bis[(<i>p</i> -ethynylthiobenzoato)Pd-linked bis[(porphinato)zinc] complex. <i>Molecular Systems Design and Engineering</i> , 2018, 3, 275-284.	3.4	1
20	Power-Dependent Radiant Flux and Absolute Quantum Yields of Upconversion Nanocrystals under Continuous and Pulsed Excitation. <i>Journal of Physical Chemistry C</i> , 2018, 122, 252-259.	3.1	14
21	Dynamics of charged excitons in electronically and morphologically homogeneous single-walled carbon nanotubes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 674-679.	7.1	25
22	Quantitative Evaluation of Optical Free Carrier Generation in Semiconducting Single-Walled Carbon Nanotubes. <i>Journal of the American Chemical Society</i> , 2018, 140, 14619-14626.	13.7	5
23	Carrier Dynamics Engineering for High-Performance Electron-Transport-Layer-free Perovskite Photovoltaics. <i>Chem</i> , 2018, 4, 2405-2417.	11.7	57
24	Real-time dose-rate monitoring with gynecologic brachytherapy: Results of an initial clinical trial. <i>Brachytherapy</i> , 2018, 17, 1023-1029.	0.5	18
25	Solvent- and Wavelength-Dependent Photoluminescence Relaxation Dynamics of Carbon Nanotube sp ³ Defect States. <i>ACS Nano</i> , 2018, 12, 8060-8070.	14.6	41
26	Controlling the excited-state dynamics of low band gap, near-infrared absorbers via proquinoidal unit electronic structural modulation. <i>Chemical Science</i> , 2017, 8, 5889-5901.	7.4	16
27	Alkyne-Bridged Multi[Copper(II) Porphyrin] Structures: Nuances of Orbital Symmetry in Long-Range, Through-Bond Mediated, Isotropic Spin Exchange Interactions. <i>Journal of the American Chemical Society</i> , 2017, 139, 9759-9762.	13.7	33
28	Engineering High-Potential Photo-oxidants with Panchromatic Absorption. <i>Journal of the American Chemical Society</i> , 2017, 139, 8412-8415.	13.7	10
29	On the Importance of Electronic Symmetry for Triplet State Delocalization. <i>Journal of the American Chemical Society</i> , 2017, 139, 5301-5304.	13.7	37
30	Additive engineering for high-performance room-temperature-processed perovskite absorbers with micron-size grains and microsecond-range carrier lifetimes. <i>Energy and Environmental Science</i> , 2017, 10, 2365-2371.	30.8	157
31	Molecular Road Map to Tuning Ground State Absorption and Excited State Dynamics of Long-Wavelength Absorbers. <i>Journal of the American Chemical Society</i> , 2017, 139, 16946-16958.	13.7	30
32	De novo design of a hyperstable non-natural protein-ligand complex with sub-Å... accuracy. <i>Nature Chemistry</i> , 2017, 9, 1157-1164.	13.6	93
33	NIR-emissive PEG-b-TCL micelles for breast tumor imaging and minimally invasive pharmacokinetic analysis. <i>Nanoscale</i> , 2017, 9, 13465-13476.	5.6	17
34	Synthesis and characterization of Na(Gd _{0.5} Lu _{0.5})F ₄ : Nd ³⁺ , a core-shell free multifunctional contrast agent. <i>Journal of Alloys and Compounds</i> , 2017, 695, 280-285.	5.5	10
35	Large Hyperpolarizabilities at Telecommunication-Relevant Wavelengths in Donor-Acceptor-Donor Nonlinear Optical Chromophores. <i>ACS Central Science</i> , 2016, 2, 954-966.	11.3	48
36	First-order hyperpolarizabilities of chiral, polymer-wrapped single-walled carbon nanotubes. <i>Chemical Communications</i> , 2016, 52, 12206-12209.	4.1	6

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37	Mean First-Passage Times in Biology. <i>Israel Journal of Chemistry</i> , 2016, 56, 816-824.	2.3	54
38	Photoinduced Electron Transfer Elicits a Change in the Static Dielectric Constant of a <i>de Novo</i> Designed Protein. <i>Journal of the American Chemical Society</i> , 2016, 138, 2130-2133.	13.7	22
39	Valence Band Dependent Charge Transport in Bulk Molecular Electronic Devices Incorporating Highly Conjugated Multi-[(Porphinato)Metal] Oligomers. <i>Journal of the American Chemical Society</i> , 2016, 138, 2078-2081.	13.7	34
40	Unambiguous Diagnosis of Photoinduced Charge Carrier Signatures in a Stoichiometrically Controlled Semiconducting Polymer-Wrapped Carbon Nanotube Assembly. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8133-8138.	13.8	17
41	Unambiguous Diagnosis of Photoinduced Charge Carrier Signatures in a Stoichiometrically Controlled Semiconducting Polymer-Wrapped Carbon Nanotube Assembly. <i>Angewandte Chemie</i> , 2015, 127, 8251-8256.	2.0	8
42	Single-Step Assembly of Multimodal Imaging Nanocarriers: MRI and Long-Wavelength Fluorescence Imaging. <i>Advanced Healthcare Materials</i> , 2015, 4, 1376-1385.	7.6	48
43	Caging Metal Ions with Visible Light-Responsive Nanopolymersomes. <i>Langmuir</i> , 2015, 31, 799-807.	3.5	12
44	Design of diethynyl porphyrin derivatives with high near infrared fluorescence quantum yields. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015, 19, 205-218.	0.8	12
45	Electron Spin Relaxation of Hole and Electron Polarons in π -Conjugated Porphyrin Arrays: Spintronic Implications. <i>Journal of Physical Chemistry B</i> , 2015, 119, 7681-7689.	2.6	18
46	A High Precision In-Vivo Dosimeter for Real Time Quality Assurance in HDR Brachytherapy, Based Off a Nano-crystalline Scintillator Fiber-Optic Radiation Sensor. <i>Brachytherapy</i> , 2015, 14, S27-S28.	0.5	3
47	Near-Infrared-to-Visible Photon Upconversion Enabled by Conjugated Porphyrinic Sensitizers under Low-Power Noncoherent Illumination. <i>Journal of Physical Chemistry A</i> , 2015, 119, 5642-5649.	2.5	33
48	Fiber-Optic detector for real time dosimetry of a micro-planar x-ray beam. <i>Medical Physics</i> , 2015, 42, 1966-1972.	3.0	18
49	Extreme electron polaron spatial delocalization in π -conjugated materials. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13779-13783.	7.1	48
50	Electronic and optical properties of Er-doped Y_2O_3 phosphors. <i>Journal of Materials Chemistry C</i> , 2015, 3, 11486-11496.	5.5	23
51	Defusing redox bombs?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 10821-10822.	7.1	30
52	Femtosecond pulse train shaping improves two-photon excited fluorescence measurements. <i>Optics Letters</i> , 2014, 39, 5606.	3.3	4
53	Tailoring Porphyrin-Based Electron Accepting Materials for Organic Photovoltaics. <i>Journal of the American Chemical Society</i> , 2014, 136, 17561-17569.	13.7	55
54	Europium- and lithium-doped yttrium oxide nanocrystals that provide a linear emissive response with X-ray radiation exposure. <i>Nanoscale</i> , 2014, 6, 5284-5288.	5.6	23

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55	Fluence-Dependent Singlet Exciton Dynamics in Length-Sorted Chirality-Enriched Single-Walled Carbon Nanotubes. <i>Nano Letters</i> , 2014, 14, 504-511.	9.1	27
56	Hapticity-Dependent Charge Transport through Carbodithioate-Terminated [5,15-Bis(phenylethynyl)porphinato]zinc(II) Complexes in Metal-Molecule-Metal Junctions. <i>Nano Letters</i> , 2014, 14, 5493-5499.	9.1	29
57	Potentiometric, Electronic, and Transient Absorptive Spectroscopic Properties of Oxidized Single-Walled Carbon Nanotubes Helically Wrapped by Ionic, Semiconducting Polymers in Aqueous and Organic Media. <i>Journal of the American Chemical Society</i> , 2014, 136, 14193-14199.	13.7	23
58	Biochemistry and Theory of Proton-Coupled Electron Transfer. <i>Chemical Reviews</i> , 2014, 114, 3381-3465.	47.7	399
59	One-Pot Solvothermal Synthesis of Highly Emissive, Sodium-Codoped, LaF ₃ and BaLaF ₅ Core-Shell Upconverting Nanocrystals. <i>Nanomaterials</i> , 2014, 4, 69-86.	4.1	17
60	Origins of the Helical Wrapping of Phenyleneethynylene Polymers about Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry B</i> , 2013, 117, 12953-12965.	2.6	35
61	Computational de Novo Design and Characterization of a Protein That Selectively Binds a Highly Hyperpolarizable Abiological Chromophore. <i>Journal of the American Chemical Society</i> , 2013, 135, 13914-13926.	13.7	55
62	Single-Handed Helical Wrapping of Single-Walled Carbon Nanotubes by Chiral, Ionic, Semiconducting Polymers. <i>Journal of the American Chemical Society</i> , 2013, 135, 16220-16234.	13.7	68
63	Aqueous self-assembly of poly(ethylene oxide)-block-poly(μ -caprolactone) (PEO-b-PCL) copolymers: disparate diblock copolymer compositions give rise to nano- and meso-scale bilayered vesicles. <i>Nanoscale</i> , 2013, 5, 10908.	5.6	63
64	The evolution of spin distribution in the photoexcited triplet state of ethyne-elaborated porphyrins. <i>Chemical Communications</i> , 2013, 49, 9722.	4.1	16
65	Exploiting Plasmon-Induced Hot Electrons in Molecular Electronic Devices. <i>ACS Nano</i> , 2013, 7, 4479-4486.	14.6	55
66	Raman Spectroscopic Investigation of Individual Single-Walled Carbon Nanotubes Helically Wrapped by Ionic, Semiconducting Polymers. <i>Journal of Physical Chemistry C</i> , 2013, 117, 14840-14849.	3.1	15
67	Ionic Self-Assembly Provides Dense Arrays of Individualized, Aligned Single-Walled Carbon Nanotubes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13080-13085.	13.8	16
68	Biodegradable Polymersomes for the Delivery of Gemcitabine to Panc-1 Cells. <i>Journal of Pharmaceutics</i> , 2013, 2013, 1-10.	4.7	3
69	Electronic Transport in Porphyrin Supermolecule-Gold Nanoparticle Assemblies. <i>Nano Letters</i> , 2012, 12, 2414-2419.	9.1	46
70	Soft biodegradable polymersomes from caprolactone-derived polymers. <i>Soft Matter</i> , 2012, 8, 10853.	2.7	18
71	Design of Coupled Porphyrin Chromophores with Unusually Large Hyperpolarizabilities. <i>Journal of Physical Chemistry C</i> , 2012, 116, 9724-9733.	3.1	33
72	Effect of Solvent Polarity and Electrophilicity on Quantum Yields and Solvatochromic Shifts of Single-Walled Carbon Nanotube Photoluminescence. <i>Journal of the American Chemical Society</i> , 2012, 134, 12485-12491.	13.7	91

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73	Composite Electronic Materials Based on Poly(3,4-propylenedioxythiophene) and Highly Charged Poly(aryleneethynylene)-Wrapped Carbon Nanotubes for Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 102-109.	8.0	51
74	Enhanced dispersion of CdSe/MEH-CN-PPV hybrid nanocomposites by in situ polymerization using AEM as photopolymerizable precursor. <i>Colloid and Polymer Science</i> , 2012, 290, 1501-1509.	2.1	3
75	Acentric 2-D Ensembles of D-br-A Electron-Transfer Chromophores via Vectorial Orientation within Amphiphilic α -Helix Bundle Peptides for Photovoltaic Device Applications. <i>Langmuir</i> , 2012, 28, 3227-3238.	3.5	7
76	Quasi-Ohmic Single Molecule Charge Transport through Highly Conjugated <i>meso-to-meso</i> Ethyne-Bridged Porphyrin Wires. <i>Nano Letters</i> , 2012, 12, 2722-2727.	9.1	90
77	Structural and pH Dependence of Excited State PCET Reactions Involving Reductive Quenching of the MLCT Excited State of $[Ru^{II}(bpy)_2(bpz)]^{2+}$ by Hydroquinones. <i>Journal of Physical Chemistry A</i> , 2011, 115, 3346-3356.	2.5	37
78	Two-Photon Absorption Properties of Proquinoidal D-A-D and A-D-A Quadrupolar Chromophores. <i>Journal of Physical Chemistry A</i> , 2011, 115, 5525-5539.	2.5	69
79	The Roles of Molecular Structure and Effective Optical Symmetry in Evolving Dipolar Chromophoric Building Blocks to Potent Octopolar Nonlinear Optical Chromophores. <i>Journal of the American Chemical Society</i> , 2011, 133, 2884-2896.	13.7	54
80	Near IR nonlinear absorption of an organic supermolecule [Invited]. <i>Optical Materials Express</i> , 2011, 1, 1383.	3.0	16
81	Dynamics and Transient Absorption Spectral Signatures of the Single-Wall Carbon Nanotube Electronically Excited Triplet State. <i>Journal of the American Chemical Society</i> , 2011, 133, 17156-17159.	13.7	66
82	Electron transfer reactions of rigid, cofacially compressed, π -stacked porphyrin-bridge-quinone systems. <i>Coordination Chemistry Reviews</i> , 2011, 255, 804-824.	18.8	43
83	Controlling Polarization Dependent Reactions to Fabricate Multi-Component Functional Nanostructures. <i>Advanced Functional Materials</i> , 2011, 21, 4712-4718.	14.9	16
84	Optoelectronic Devices: Controlling Polarization Dependent Reactions to Fabricate Multi-Component Functional Nanostructures (<i>Adv. Funct. Mater.</i> 24/2011). <i>Advanced Functional Materials</i> , 2011, 21, 4598-4598.	14.9	1
85	Sensing membrane stress with near IR-emissive porphyrins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13984-13989.	7.1	56
86	A Generalized System for Photoresponsive Membrane Rupture in Polymersomes. <i>Advanced Functional Materials</i> , 2010, 20, 2588-2596.	14.9	39
87	Plasmon-Induced Electrical Conduction in Molecular Devices. <i>ACS Nano</i> , 2010, 4, 1019-1025.	14.6	131
88	Optimizing Single-Molecule Conductivity of Conjugated Organic Oligomers with Carbodithioate Linkers. <i>Journal of the American Chemical Society</i> , 2010, 132, 7946-7956.	13.7	102
89	Supermolecular-Chromophore-Sensitized Near-Infrared-to-Visible Photon Upconversion. <i>Journal of the American Chemical Society</i> , 2010, 132, 14203-14211.	13.7	131
90	Predicting the Frequency Dispersion of Electronic Hyperpolarizabilities on the Basis of Absorption Data and Thomas-Kuhn Sum Rules. <i>Journal of Physical Chemistry C</i> , 2010, 114, 2349-2359.	3.1	56

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91	Phase Transfer Catalysts Drive Diverse Organic Solvent Solubility of Single-Walled Carbon Nanotubes Helically Wrapped by Ionic, Semiconducting Polymers. <i>Nano Letters</i> , 2010, 10, 4192-4199.	9.1	40
92	Computational Design and Elaboration of a de Novo Heterotetrameric α -Helical Protein That Selectively Binds an Emissive Abiological (Porphinato)zinc Chromophore. <i>Journal of the American Chemical Society</i> , 2010, 132, 3997-4005.	13.7	54
93	De Novo Design and Molecular Assembly of a Transmembrane Diporphyrin-Binding Protein Complex. <i>Journal of the American Chemical Society</i> , 2010, 132, 15516-15518.	13.7	110
94	Control of the Orientational Order and Nonlinear Optical Response of the α -Push-Pull Chromophore RuPZn via Specific Incorporation into Densely Packed Monolayer Ensembles of an Amphiphilic 4-Helix Bundle Peptide: Second Harmonic Generation at High Chromophore Densities. <i>Journal of the American Chemical Society</i> , 2010, 132, 9693-9700.	13.7	18
95	Tunable Leuko-polymersomes That Adhere Specifically to Inflammatory Markers. <i>Langmuir</i> , 2010, 26, 14089-14096.	3.5	81
96	Excitation of Highly Conjugated (Porphinato)palladium(II) and (Porphinato)platinum(II) Oligomers Produces Long-Lived, Triplet States at Unit Quantum Yield That Absorb Strongly over Broad Spectral Domains of the NIR. <i>Journal of Physical Chemistry B</i> , 2010, 114, 14696-14702.	2.6	44
97	Control of the Orientational Order and Nonlinear Optical Response of the α -Push-Pull Chromophore RuPZn via Specific Incorporation into Densely Packed Monolayer Ensembles of an Amphiphilic Four-Helix Bundle Peptide: Characterization of the Peptide Chromophore Complexes. <i>Journal of the American Chemical Society</i> , 2010, 132, 11083-11092.	13.7	22
98	One- and two-photon absorption of highly conjugated multiporphyrin systems in the two-photon Soret transition region. <i>Journal of Chemical Physics</i> , 2009, 130, 134506.	3.0	40
99	Probing polarization and dielectric function of molecules with higher order harmonics in scattering near-field scanning optical microscopy. <i>Journal of Applied Physics</i> , 2009, 106, 114307.	2.5	12
100	Composite Electronic Materials for Supercapacitor Applications. <i>ECS Transactions</i> , 2009, 23, 3-10.	0.5	1
101	In Vivo Dendritic Cell Tracking Using Fluorescence Lifetime Imaging and Near-Infrared-Emissive Polymersomes. <i>Molecular Imaging and Biology</i> , 2009, 11, 167-177.	2.6	43
102	<i>In vivo</i> fluorescence imaging: a personal perspective. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2009, 1, 156-167.	6.1	91
103	How to improve your image. <i>Nature</i> , 2009, 458, 716-717.	27.8	38
104	Photoinitiated Destruction of Composite Porphyrin-Protein Polymersomes. <i>Journal of the American Chemical Society</i> , 2009, 131, 3872-3874.	13.7	69
105	Helical Wrapping of Single-Walled Carbon Nanotubes by Water Soluble Poly(<i>p</i> -phenyleneethynylene). <i>Nano Letters</i> , 2009, 9, 1414-1418.	9.1	162
106	Molecular Symmetry and Solution Phase Structure Interrogated by Hyper-Rayleigh Depolarization Measurements: Elaborating Highly Hyperpolarizable D_{2d} Symmetric Chromophores. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2978-2981.	13.8	59
107	The Effect of Molecular Orientation on the Potential of Porphyrin-Metal Contacts. <i>Nano Letters</i> , 2008, 8, 110-113.	9.1	53
108	Polymersomes: A new multi-functional tool for cancer diagnosis and therapy. <i>Methods</i> , 2008, 46, 25-32.	3.8	191

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109	Molecular Design of Porphyrin-Based Nonlinear Optical Materials. <i>Journal of Physical Chemistry A</i> , 2008, 112, 12203-12207.	2.5	100
110	Leuko-polymerosomes. <i>Faraday Discussions</i> , 2008, 139, 129.	3.2	85
111	Ultrafast Excited-State Dynamics of Nanoscale Near-Infrared Emissive Polymerosomes. <i>Journal of the American Chemical Society</i> , 2008, 130, 9773-9784.	13.7	45
112	Synthesis of Water-Soluble Poly(<i>p</i> -phenyleneethynylene) in Neat Water under Aerobic Conditions via Suzuki-Miyaura Polycondensation Using a Diborylethyne Synthon. <i>Organic Letters</i> , 2008, 10, 1341-1344.	4.6	33
113	Structure and Dynamics of an Extended Conjugated NLO Chromophore within an Amphiphilic 4-Helix Bundle Peptide by Molecular Dynamics Simulation. <i>Journal of Physical Chemistry B</i> , 2008, 112, 1350-1357.	2.6	13
114	Using α -Helical Coiled-Coils to Design Nanostructured Metalloporphyrin Arrays. <i>Journal of the American Chemical Society</i> , 2008, 130, 11921-11927.	13.7	63
115	Modulation of Dark Conductivity over a $1 \text{ \AA}^{-1} - 10^{12}$ to $1 \text{ \AA}^{-1} - 10^5 \text{ S/cm}$ Range Through Ancillary Group Modification in Amorphous Solids of Ethyne-Bridged (Porphinato)zinc(II) Oligomers. <i>Chemistry of Materials</i> , 2007, 19, 6062-6064.	6.7	17
116	Temperature-Dependent Mechanistic Transition for Photoinduced Electron Transfer Modulated by Excited-State Vibrational Relaxation Dynamics. <i>Journal of Physical Chemistry B</i> , 2007, 111, 6829-6838.	2.6	26
117	Molecular Engineering of Intensely Near-Infrared Absorbing Excited States in Highly Conjugated Oligo(porphinato)zinc(II)(Polypyridyl)metal(II) Supermolecules. <i>Journal of the American Chemical Society</i> , 2007, 129, 9691-9703.	13.7	57
118	Tat-Functionalized Near-Infrared Emissive Polymerosomes for Dendritic Cell Labeling. <i>Bioconjugate Chemistry</i> , 2007, 18, 31-40.	3.6	128
119	De Novo Design of a Single-Chain Diphenylporphyrin Metalloprotein. <i>Journal of the American Chemical Society</i> , 2007, 129, 10732-10740.	13.7	90
120	Controlling Bulk Optical Properties of Emissive Polymerosomes through Intramembranous Polymer-Fluorophore Interactions. <i>Chemistry of Materials</i> , 2007, 19, 1309-1318.	6.7	48
121	Carbodithioate-Terminated Oligo(phenyleneethynylene)s: Synthesis and Surface Functionalization of Gold Nanoparticles. <i>Organic Letters</i> , 2007, 9, 2779-2782.	4.6	20
122	Exceptional Near-Infrared Fluorescence Quantum Yields and Excited-State Absorptivity of Highly Conjugated Porphyrin Arrays. <i>Journal of the American Chemical Society</i> , 2006, 128, 9000-9001.	13.7	165
123	Quantitative membrane loading of polymer vesicles. <i>Soft Matter</i> , 2006, 2, 973.	2.7	67
124	Incorporation of Designed Extended Chromophores into Amphiphilic 4-Helix Bundle Peptides for Nonlinear Optical Biomolecular Materials. <i>Nano Letters</i> , 2006, 6, 2387-2394.	9.1	38
125	Ethyne-Bridged (Porphinato)Zinc(II)(Porphinato)Iron(III) Complexes: Phenomenological Dependence of Excited-State Dynamics upon (Porphinato)Iron Electronic Structure. <i>Journal of the American Chemical Society</i> , 2006, 128, 10423-10435.	13.7	39
126	Structural Studies of Amphiphilic 4-Helix Bundle Peptides Incorporating Designed Extended Chromophores for Nonlinear Optical Biomolecular Materials. <i>Nano Letters</i> , 2006, 6, 2395-2405.	9.1	29

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127	Electronic Modulation of Hyperpolarizable (Porphinato)zinc(II) Chromophores Featuring Ethynylphenyl-, Ethynylthiophenyl-, Ethynylthiazolyl-, and Ethynylbenzothiazolyl-Based Electron-Donating and -Accepting Moieties. <i>Inorganic Chemistry</i> , 2006, 45, 9703-9712.	4.0	36
128	Conjugated Chromophore Arrays with Unusually Large Hole Polaron Delocalization Lengths. <i>Journal of the American Chemical Society</i> , 2006, 128, 8380-8381.	13.7	121
129	Bioresorbable Vesicles Formed through Spontaneous Self-Assembly of Amphiphilic Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overloc 4.8 257	4.8	257
130	Coordination Compounds for Functional Nonlinear Optics: Enhancing and Switching the Second-Order Nonlinear Optical Responses. <i>ACS Symposium Series</i> , 2006, , 527-540.	0.5	5
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132	Near-infrared-emissive polymersomes: Self-assembled soft matter for in vivo optical imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 2922-2927.	7.1	355
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