Kirk S Schanze

List of Publications by Year in Descending Order

374 papers	17,708 citations	68 h-index	113 g-index
541 ext. papers	19,102 ext. citations	7.2 avg, IF	6.73 L-index

#	Paper	IF	Citations
374	Identifying the Polymorphs of Zr-Based Metal□Organic Frameworks via Time-Resolved Fluorescence Imaging **2022**, 4, 370-377		0
373	Radical Cascade Multicomponent Minisci Reactions with Diazo Compounds. *ACS Catalysis*, **2022**, 12, 1357-1363	13.1	7
372	Triplet□Triplet Annihilation in Platinum Poly-ynes. Implications for Application to Optical Pulse Limiting. *ACS Applied Polymer Materials*, **2022**, 4, 2256-2261	4.3	
371	Ultrafast Aggregation-Induced Tunable Emission Enhancement in a Benzothiadiazole-Based Fluorescent Metal-Organic Framework Linker. *Journal of Physical Chemistry B*, **2021**, 125, 13298-13308	3.4	2
370	Metal-Free Nanoassemblies of Water-Soluble Photosensitizer and Adenosine Triphosphate for Efficient and Precise Photodynamic Cancer Therapy. *ACS Nano*, **2021**, 15, 4979-4988	16.7	16
369	Ultrafast Excited-State Dynamics in -(N-Heterocyclic carbene)platinum(II) Acetylide Complexes. *Inorganic Chemistry*, **2021**, 60, 10065-10074	5.1	1
368	Photoinduced Intramolecular Electron Transfer in Phenylene Ethynylene Naphthalimide Oligomers. *Journal of Physical Chemistry A*, **2021**, 125, 3863-3873	2.8	1
367	It Is Good to Be Flexible: Energy Transport Facilitated by Conformational Fluctuations in Light-Harvesting Polymers. *Journal of Physical Chemistry B*, **2021**, 125, 5885-5896	3.4	
366	Polymer Chromophore□Catalyst Assembly for Photocatalytic CO2 Reduction. *ACS Applied Energy Materials*, **2021**, 4, 7030-7039	6.1	1
365	Real-Time Spectral Evolution of Interchain Coupling and Assembling during Solvent Vapor Annealing of Dispersed Conjugated Polymers. *Macromolecular Chemistry and Physics*, **2021**, 222, 2100135	2.6	0
364	Charge-Transfer Dynamics between Cesium Lead Halide Perovskite Nanocrystals and Surface-Anchored Naphthalimide Acceptors. *Journal of Physical Chemistry C*, **2021**, 125, 14778-14785	3.8	4
363	Fluorescence Imaging of Mammalian Cells with Cationic Conjugated Polyelectrolytes. *ChemPhotoChem*, **2021**, 5, 123-130	3.3	1
362	Photophysics of Oligothiophenes End-Capped with Platinum(II) Auxochromes. *ChemPhotoChem*, **2021**, 5, 160-166	3.3	2
361	SPAAC iClick: progress towards a bioorthogonal reaction in-corporating metal ions. *Dalton Transactions*, **2021**, 50, 12681-12691	4.3	3
360	Influence of Surface and Structural Variations in Donor-Acceptor-Donor Sensitizers on Photoelectrocatalytic Water Splitting. *ACS Applied Materials & Interfaces*, **2021**, 13, 47499-47510	9.5	0
359	Photophysics and solar cell application of a benzodithiophene conjugated polymer containing cyclometalated platinum units. *Journal of Photochemistry and Photobiology*, **2021**, 8, 100060	0.8	1
358	High-Purity and Saturated Deep-Blue Luminescence from -NHC Platinum(II) Butadiyne Complexes: Properties and Organic Light Emitting Diode Application. *ACS Applied Materials & Interfaces*, **2021**, 13, 5327-5337	9.5	7

357	Challenges and Opportunities in Designing Perovskite Nanocrystal Heterostructures. *ACS Energy Letters*, **2020**, 5, 2253-2255	20.1	24
356	Confronting Racism in Chemistry Journals. *ACS Applied Nano Materials*, **2020**, 3, 6131-6133	5.6	
355	Confronting Racism in Chemistry Journals. *ACS Applied Polymer Materials*, **2020**, 2, 2496-2498	4.3	
354	Bulky Phenanthroimidazole–Phenothiazine D–A Based Organic Sensitizers for Application in Efficient Dye-Sensitized Solar Cells. *ACS Applied Energy Materials*, **2020**, 3, 6758-6767	6.1	22
353	Microporous Hydrogen-Bonded Organic Framework for Highly Efficient Turn-Up Fluorescent Sensing of Aniline. *Journal of the American Chemical Society*, **2020**, 142, 12478-12485	16.4	73
352	Confronting Racism in Chemistry Journals. *Organometallics*, **2020**, 39, 2331-2333	3.8	
351	trans-N-(Heterocyclic Carbene) Platinum(II) Acetylide Chromophores as Phosphors for OLED Applications. *ACS Applied Electronic Materials*, **2020**, 2, 1026-1034	4	14
350	Excitation-Wavelength-Dependent Photoinduced Electron Transfer in a π-Conjugated Diblock Oligomer. *Journal of the American Chemical Society*, **2020**, 142, 12658-12668	16.4	8
349	Update to Our Reader, Reviewer, and Author Communities—April 2020. *Energy & Fuels*, **2020**, 34, 5107-5108	4.1	
348	Light-Activated Antifungal Properties of Imidazolium-Functionalized Cationic Conjugated Polymers. *Chemistry of Materials*, **2020**, 32, 6186-6196	9.6	14
347	A novel hydrogen-bonded organic framework for the sensing of two representative organic arsenics. *Canadian Journal of Chemistry*, **2020**, 98, 352-357	0.9	9
346	Direct Observation of the Reduction of Aryl Halides by a Photoexcited Perylene Diimide Radical Anion. *Journal of the American Chemical Society*, **2020**, 142, 2204-2207	16.4	42
345	An Application Exploiting Aurophilic Bonding and iClick to Produce White Light Emitting Materials. *Inorganic Chemistry*, **2020**, 59, 1893-1904	5.1	14
344	Quantitative Determination of Dark and Light-Activated Antimicrobial Activity of Poly(Phenylene Ethynylene), Polythiophene, and Oligo(Phenylene Ethynylene) Electrolytes. *ACS Applied Materials & Interfaces*, **2020**, 12, 21322-21329	9.5	14
343	Excited-State Turn-On of Aurophilicity and Tunability of Relativistic Effects in a Series of Digold Triazolates Synthesized via iClick. *Journal of the American Chemical Society*, **2020**, 142, 8331-8341	16.4	16
342	Update to Our Reader, Reviewer, and Author Communities—April 2020. *Organometallics*, **2020**, 39, 1665-1666	3.8	
341	Confronting Racism in Chemistry Journals. *Journal of Chemical Health and Safety*, **2020**, 27, 198-200	1.7	
340	Highly Effective Inactivation of SARS-CoV-2 by Conjugated Polymers and Oligomers **2020**,		1

339	Free Energy Dependence of Photoinduced Electron Transfer in Octathiophene-Diimide Dyads. *Journal of Physical Chemistry A*, **2020**, 124, 21-29	2.8	6
338	Visible Light-Induced Borylation of C-O, C-N, and C-X Bonds. *Journal of the American Chemical Society*, **2020**, 142, 1603-1613	16.4	56
337	Organic Chromophores Designed for Hole Injection into Wide-Band-Gap Metal Oxides for Solar Fuel Applications. *Chemistry of Materials*, **2020**, 32, 8158-8168	9.6	3
336	Biofunctionalization of Water-Soluble poly(Phenylene Ethynylene)s. *ACS Applied Materials & Interfaces*, **2020**, 12, 53310-53317	9.5	3
335	Highly Effective Inactivation of SARS-CoV-2 by Conjugated Polymers and Oligomers. *ACS Applied Materials & Interfaces*, **2020**, 12, 55688-55695	9.5	23
334	Ultrafast Energy Transfer in Fully Conjugated Thiophene-Benzothiadiazole Capped Poly(Phenylene Ethynylene) Molecular Wires. *Journal of Physical Chemistry C*, **2020**, 124, 18920-18929	3.8	1
333	Light-Harvesting Two-Photon-Absorbing Polymers. *Macromolecules*, **2020**, 53, 6279-6287	5.5	2
332	Fluorescent Charge-Transfer Excited States in Acceptor Derivatized Thiophene Oligomers. *Journal of Physical Chemistry A*, **2020**, 124, 7001-7013	2.8	2
331	Progress in Perovskite Photocatalysis. *ACS Energy Letters*, **2020**, 5, 2602-2604	20.1	36
330	Prediction of Internal Reorganization Energy in Photoinduced Electron Transfer Processes of Molecular Dyads. *Journal of Physical Chemistry A*, **2020**, 124, 9478-9486	2.8	7
329	Ultrafast photoinduced electron transfer in conjugated polyelectrolyte□cceptor ion pair complexes. *Materials Chemistry Frontiers*, **2020**, 4, 3649-3659	7.8	6
328	Aggregation-Enhanced Two-Photon Absorption of Anionic Conjugated Polyelectrolytes. *Journal of Physical Chemistry Letters*, **2020**, 11, 8292-8296	6.4	4
327	Polymeric Nonlinear Absorption Chromophore Array from Controlled Radical Polymerization and □lick□Chemistry. *ACS Applied Polymer Materials*, **2020**, 2, 4570-4580	4.3	0
326	Structure of a Zinc Porphyrin-Substituted Bacterioferritin and Photophysical Properties of Iron Reduction. *Biochemistry*, **2020**, 59, 1618-1629	3.2	1
325	Blue Phosphorescent -N-Heterocyclic Carbene Platinum Acetylides: Dependence on Energy Gap and Conformation. *Journal of Physical Chemistry A*, **2019**, 123, 9069-9078	2.8	9
324	Stereochemical Effects on Platinum Acetylide Two-Photon Chromophores. *Journal of Physical Chemistry A*, **2019**, 123, 9382-9393	2.8	5
323	Poly(phenylene ethynylene) Conjugated Polyelectrolytes Synthesized via Chain-Growth Polymerization. *Macromolecules*, **2019**, 52, 3845-3851	5.5	11
322	Forum on Translational DNA Nanotechnology. *ACS Applied Materials & Interfaces*, **2019**, 11, 13833-13834	9.5	2

321	Elucidating the Effects of Solvating Side Chains on the Rigidity and Aggregation Tendencies of Conjugated Polymers with Molecular Dynamics Simulations Using DFT Tight Binding. *Journal of Physical Chemistry A*, **2019**, 123, 3293-3299	2.8	4
320	Structural, Photophysical, and Photochemical Characterization of Zinc Protoporphyrin IX in a Dimeric Variant of an Iron Storage Protein: Insights into the Mechanism of Photosensitized H Generation. *Journal of Physical Chemistry B*, **2019**, 123, 6740-6749	3.4	2
319	Adenosine Triphosphate Templated Self-Assembly of Cationic Porphyrin into Chiral Double Superhelices and Enzyme-Mediated Disassembly. *Journal of the American Chemical Society*, **2019**, 141, 12610-12618	16.4	38
318	Fluorescence spectral shape analysis for nucleotide identification. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 15386-15391	11.5	2
317	Conjugated Polyelectrolytes Designed for Biological Applications **2019**, 547-585		1
316	Ten Years of Polydopamine: Current Status and Future Directions. *ACS Applied Materials & Interfaces*, **2018**, 10, 7521-7522	9.5	30
315	Photophysics and phosphate fluorescence sensing by poly(phenylene ethynylene) conjugated polyelectrolytes with branched ammonium side groups. *Journal of Materials Chemistry C*, **2018**, 6, 3722-3730	7.1	15
314	Celebrating Ten Years of ACS Applied Materials & Interfaces. *ACS Applied Materials & Interfaces* , **2018**, 10, 1-3	9.5	16
313	Photocathode Chromophore□Catalyst Assembly via Layer-By-Layer Deposition of a Low Band-Gap Isoindigo Conjugated Polyelectrolyte. *ACS Applied Energy Materials*, **2018**, 1, 62-67	6.1	8
312	Remarkable Amplification of Polyethylenimine-Mediated Gene Delivery Using Cationic Poly(phenylene ethynylene)s as Photosensitizers. *ACS Applied Materials & Interfaces*, **2018**, 10, 24421-24430	9.5	8
311	Interaction of a Poly(phenylene vinylene) with an Organometallic Lewis Acid Additive: Fundamentals and Application in Polymer Solar Cells. *Chemistry of Materials*, **2018**, 30, 5968-5977	9.6	2
310	Visible-Light-Driven Photocatalytic Water Oxidation by a □Conjugated Donor□Acceptor□Donor Chromophore/Catalyst Assembly. *ACS Energy Letters*, **2018**, 3, 2114-2119	20.1	21
309	Role of Structure in Ultrafast Charge Separation and Recombination in Naphthalene Diimide End-Capped Thiophene Oligomers. *Journal of Physical Chemistry C*, **2018**, 122, 18802-18808	3.8	9
308	Pyridine-terminated low gap □conjugated oligomers: design, synthesis, and photophysical response to protonation and metalation. *Organic Chemistry Frontiers*, **2018**, 5, 3170-3177	5.2	5
307	Cu-Catalyzed Azide-Pt-Acetylide Cycloaddition: Progress toward a Conjugated Metallopolymer via iClick. *Organometallics*, **2018**, 37, 4545-4550	3.8	11
306	Two-Photon Absorption of Cationic Conjugated Polyelectrolytes: Effects of Aggregation and Application to 2-Photon-Sensitized Fluorescence from Green Fluorescent Protein. *Chemistry of Materials*, **2017**, 29, 3295-3303	9.6	18
305	Intercalation of Alkynylplatinum(II) Terpyridine Complexes into a Helical Poly(phenylene ethynylene) Sulfonate: Application to Protein Sensing. *ACS Applied Materials & Interfaces*, **2017** , 9, 33461-33469	9.5	9
304	Interfacial Dynamics within an Organic Chromophore-Based Water Oxidation Molecular Assembly. *ACS Applied Materials & Interfaces*, **2017**, 9, 16651-16659	9.5	4

303	Forum: Focus on India. *ACS Applied Materials & Interfaces*, **2017**, 9, 19355	9.5	
302	Detergent-induced self-assembly and controllable photosensitizer activity of diester phenylene ethynylenes. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 7278-7282	11.5	16
301	Polymer Chromophore-Catalyst Assembly for Solar Fuel Generation. *ACS Applied Materials & Interfaces*, **2017**, 9, 19529-19534	9.5	22
300	Effect of Conjugation Length on Photoinduced Charge Transfer in Conjugated Oligomer-Acceptor Dyads. *Journal of Physical Chemistry A*, **2017**, 121, 4891-4901	2.8	18
299	One-dimensional organic lead halide perovskites with efficient bluish white-light emission. *Nature Communications*, **2017**, 8, 14051	17.4	464
298	Pt-Enhanced Mesoporous Ti/TiO with Rapid Bulk to Surface Electron Transfer for Photocatalytic Hydrogen Evolution. *ACS Applied Materials & Interfaces*, **2017**, 9, 16959-16966	9.5	117
297	In Search of Deeper Blues: Trans-N-Heterocyclic Carbene Platinum Phenylacetylide as a Dopant for Phosphorescent OLEDs. *ACS Applied Materials & Interfaces*, **2017**, 9, 41111-41114	9.5	27
296	Conjugated Polymer with Intrinsic Alkyne Units for Synergistically Enhanced Raman Imaging in Living Cells. *Angewandte Chemie*, **2017**, 129, 13640-13643	3.6	10
295	Bulk assembly of organic metal halide nanotubes. *Chemical Science*, **2017**, 8, 8400-8404	9.4	51
294	Polymer-based chromophore-catalyst assemblies for solar energy conversion. *Nano Convergence*, **2017**, 4, 37	9.2	16
293	Conjugated Polymer with Intrinsic Alkyne Units for Synergistically Enhanced Raman Imaging in Living Cells. *Angewandte Chemie - International Edition*, **2017**, 56, 13455-13458	16.4	54
292	Cyclometalated Platinum-Containing Diketopyrrolopyrrole Complexes and Polymers: Photophysics and Photovoltaic Applications. *Chemistry of Materials*, **2017**, 29, 8449-8461	9.6	19
291	A new synthetic route to in-chain metallopolymers via copper(i) catalyzed azide-platinum-acetylide iClick. *Chemical Communications*, **2017**, 53, 9934-9937	5.8	17
290	Enhancing the photostability of poly(phenylene ethynylene) for single particle studies. *Photochemical and Photobiological Sciences*, **2017**, 16, 1821-1831	4.2	4
289	Photoinduced Electron Transfer in Naphthalene Diimide End-Capped Thiophene Oligomers. *Journal of Physical Chemistry A*, **2017**, 121, 9579-9588	2.8	22
288	Selective Imaging and Inactivation of Bacteria over Mammalian Cells by Imidazolium-Substituted Polythiophene. *Chemistry of Materials*, **2017**, 29, 6389-6395	9.6	64
287	Pyrophosphate Sensor Based on Principal Component Analysis of Conjugated Polyelectrolyte Fluorescence. *ACS Omega*, **2016**, 1, 648-655	3.9	14
286	Biomimetic Light-Harvesting Antenna Based on the Self-Assembly of Conjugated Polyelectrolytes Embedded within Lipid Membranes. *ACS Nano*, **2016**, 10, 10598-10605	16.7	17

285	Light-Driven Water Oxidation Using Polyelectrolyte Layer-by-Layer Chromophore□Catalyst Assemblies. *ACS Energy Letters*, **2016**, 1, 339-343	20.1	28
284	Effect of Oligomer Length on Photophysical Properties of Platinum Acetylide Donor-Acceptor-Donor Oligomers. *Journal of Physical Chemistry A*, **2016**, 120, 5512-21	2.8	26
283	Polymer-Based Ruthenium(II) Polypyridyl Chromophores on TiO2 for Solar Energy Conversion. *Chemistry - an Asian Journal*, **2016**, 11, 1257-67	4.5	19
282	Enhanced Photovoltaic Performances of Dye-Sensitized Solar Cells by Co-Sensitization of Benzothiadiazole and Squaraine-Based Dyes. *ACS Applied Materials & Interfaces*, **2016**, 8, 4616-23	9.5	53
281	Effect of Selenium Substitution on Intersystem Crossing in □Conjugated Donor-Acceptor-Donor Chromophores: The LUMO Matters the Most. *Journal of Physical Chemistry Letters*, **2016**, 7, 693-7	6.4	53
280	Triplet excited state properties in variable gap □conjugated donor-acceptor-donor chromophores. *Chemical Science*, **2016**, 7, 3621-3631	9.4	46
279	Reusable nanoengineered surfaces for bacterial recruitment and decontamination. *Biointerphases*, **2016**, 11, 019003	1.8	15
278	Efficient Light-Driven Oxidation of Alcohols Using an Organic Chromophore-Catalyst Assembly Anchored to TiO2. *ACS Applied Materials & Interfaces*, **2016**, 8, 9125-33	9.5	28
277	Evidence of Molecular Structure Dependent Charge Transfer between Isoindigo-Based Polymers and Fullerene. *Chemistry of Materials*, **2016**, 28, 2433-2440	9.6	29
276	Role of Macromolecular Structure in the Ultrafast Energy and Electron Transfer Dynamics of a Light-Harvesting Polymer. *Journal of Physical Chemistry B*, **2016**, 120, 7937-48	3.4	6
275	An in situ SERS study of substrate-dependent surface plasmon induced aromatic nitration. *Journal of Materials Chemistry C*, **2015**, 3, 5285-5291	7.1	21
274	Conjugated Polyelectrolytes with Imidazolium Solubilizing Groups. Properties and Application to Photodynamic Inactivation of Bacteria. *ACS Applied Materials & Interfaces*, **2015**, 7, 28027-34	9.5	67
273	Ultrafast Excited-State Dynamics of Diketopyrrolopyrrole (DPP)-Based Materials: Static versus Diffusion-Controlled Electron Transfer Process. *Journal of Physical Chemistry C*, **2015**, 119, 15919-15925	3.8	13
272	Conjugated Polyelectrolyte-Sensitized TiO2 Solar Cells: Effects of Chain Length and Aggregation on Efficiency. *ACS Applied Materials & Interfaces*, **2015**, 7, 16601-8	9.5	19
271	Platinum carbon bond formation via Cu(I) catalyzed Stille-type transmetallation: reaction scope and spectroscopic study of platinum-arylene complexes. *Dalton Transactions*, **2015**, 44, 17932-8	4.3	6
270	Surface Modification of Multiwalled Carbon Nanotubes with Cationic Conjugated Polyelectrolytes: Fundamental Interactions and Intercalation into Conductive Poly(methyl methacrylate) Composites. *ACS Applied Materials & Interfaces*, **2015**, 7, 12903-13	9.5	20
269	Photophysics and Nonlinear Absorption of Gold(I) and Platinum(II) Donor-Acceptor-Donor Chromophores. *Inorganic Chemistry*, **2015**, 54, 10007-14	5.1	24
268	Ru(bpy)32+ derivatized polystyrenes constructed by nitroxide-mediated radical polymerization. Relationship between polymer chain length, structure and photophysical properties. *Polymer Chemistry*, **2015**, 6, 8184-8193	4.9	19

267	Self-Sterilizing, Self-Cleaning Mixed Polymeric Multifunctional Antimicrobial Surfaces. *ACS Applied Materials & Interfaces*, **2015**, 7, 27632-8	9.5	36
266	Conjugated Organometallic Isoindigo Oligomer and Polymer Chromophores: Singlet and Triplet Excited State Dynamics and Application in Polymer Solar Cells. *ACS Applied Materials & Interfaces*, **2015**, 7, 26828-38	9.5	26
265	Triplet Energy Transport in Platinum-Acetylide Light Harvesting Arrays. *Journal of Physical Chemistry B*, **2015**, 119, 7198-209	3.4	28
264	Effect of Thermal Annealing on Charge Transfer States and Charge Trapping in PCDTBT:PC70BM Solar Cells. *Advanced Electronic Materials*, **2015**, 1, 1500167	6.4	31
263	Polymer Monoliths Containing Two-Photon Absorbing Phenylenevinylene Platinum(II) Acetylide Chromophores for Optical Power Limiting. *ACS Applied Materials & Interfaces*, **2015**, 7, 10795-805	9.5	33
262	Effect of Polymer Side Chains on Charge Generation and Disorder in PBDTTPD Solar Cells. *ACS Applied Materials & Interfaces*, **2015**, 7, 26999-7005	9.5	26
261	Ultrafast dynamics in multifunctional Ru(II)-loaded polymers for solar energy conversion. *Accounts of Chemical Research*, **2015**, 48, 818-27	24.3	31
260	Conjugated polyelectrolytes with guanidinium side groups. Synthesis, photophysics and pyrophosphate sensing. *Photochemical and Photobiological Sciences*, **2014**, 13, 293-300	4.2	12
259	Light-harvesting polymers: ultrafast energy transfer in polystyrene-based arrays of conjugated chromophores. *Journal of Physical Chemistry B*, **2014**, 118, 372-8	3.4	21
258	Light Harvesting and Charge Separation in a Conjugated Antenna Polymer Bound to TiO2. *Journal of Physical Chemistry C*, **2014**, 118, 28535-28541	3.8	25
257	Photophysics of platinum tetrayne oligomers: delocalization of triplet exciton. *Journal of Physical Chemistry A*, **2014**, 118, 10333-9	2.8	8
256	Photophysical properties of trans-platinum acetylide complexes featuring N-heterocyclic carbene ligands. *Dalton Transactions*, **2014**, 43, 17712-20	4.3	20
255	Quadrupolar (donor)2acceptor-acid chromophores for dye-sensitized solar cells: influence of the core acceptor. *Journal of Materials Chemistry A*, **2014**, 2, 9866	13	11
254	Ultrafast Photoinduced Electron Transfer in a Conjugated Oligomer/Porphyrin Complex. *Journal of Physical Chemistry Letters*, **2014**, 5, 3386-90	6.4	26
253	Triplet Exciton Diffusion in Platinum Polyyne Films. *Journal of Physical Chemistry C*, **2014**, 118, 24282-24289	4.8	27
252	Protein induced aggregation of conjugated polyelectrolytes probed with fluorescence correlation spectroscopy: application to protein identification. *ACS Applied Materials & Interfaces*, **2014**, 6, 7643-51	9.5	28
251	Effect of isomerism and chain length on electronic structure, photophysics, and sensitizer efficiency in quadrupolar (donor)acceptor systems for application in dye-sensitized solar cells. *ACS Applied Materials & Interfaces*, **2014**, 6, 5221-7	9.5	24
250	Enhanced Fluorescence Properties of Poly(phenylene ethynylene)-Conjugated Polyelectrolytes Designed to Avoid Aggregation.. *ACS Macro Letters*, **2014**, 3, 405-409	6.6	25

249	Interaction of anionic phenylene ethynylene polymers with lipids: from membrane embedding to liposome fusion. *Langmuir*, **2014**, 30, 10704-11	4	21
248	Panchromatic donor-acceptor-donor conjugated oligomers for dye-sensitized solar cell applications. *ACS Applied Materials & Interfaces*, **2014**, 6, 8715-22	9.5	51
247	Poly(fluorene-co-thiophene)-based ionic transition-metal complex polymers for solar energy harvesting and storage applications. *Polymer Chemistry*, **2014**, 5, 2363	4.9	29
246	Photophysics and non-linear absorption of Au(I) and Pt(II) acetylide complexes of a thienyl-carbazole chromophore. *Dalton Transactions*, **2014**, 43, 17721-8	4.3	27
245	Photophysics of organometallic platinum(II) derivatives of the diketopyrrolopyrrole chromophore. *Journal of Physical Chemistry A*, **2014**, 118, 11735-43	2.8	33
244	Triplet sensitization in an anionic poly(phenyleneethynylene) conjugated polyelectrolyte by cationic iridium complexes. *Journal of Physical Chemistry A*, **2013**, 117, 7818-22	2.8	9
243	Frequency modulated femtosecond stimulated Raman spectroscopy of ultrafast energy transfer in a donor-acceptor copolymer. *Journal of Physical Chemistry B*, **2013**, 117, 8245-55	3.4	20
242	Defect-induced loss mechanisms in polymer-inorganic planar heterojunction solar cells. *ACS Applied Materials & Interfaces*, **2013**, 5, 7215-8	9.5	46
241	High efficiency platinum acetylide nonlinear absorption chromophores covalently linked to poly(methyl methacrylate). *ACS Applied Materials & Interfaces*, **2013**, 5, 7867-74	9.5	27
240	Photophysics and light-activated biocidal activity of visible-light-absorbing conjugated oligomers. *ACS Applied Materials & Interfaces*, **2013**, 5, 4516-20	9.5	40
239	Atom transfer radical polymerization preparation and photophysical properties of polypyridylruthenium derivatized polystyrenes. *Inorganic Chemistry*, **2013**, 52, 8511-20	5.1	17
238	Intramolecular triplet energy transfer in anthracene-based platinum acetylide oligomers. *Journal of Physical Chemistry B*, **2013**, 117, 9025-33	3.4	30
237	Ultrafast Formation of a Long-Lived Charge-Separated State in a Ru-Loaded Poly(3-hexylthiophene) Light-Harvesting Polymer. *Journal of Physical Chemistry Letters*, **2013**, 4, 2269-2273	6.4	20
236	Photosensitization of Single-Crystal ZnO by a Conjugated Polyelectrolyte Designed to Avoid Aggregation. *Journal of Physical Chemistry Letters*, **2013**, 4, 3216-3220	6.4	6
235	Near-IR phosphorescent metalloporphyrin as a photochemical upconversion sensitizer. *Chemical Communications*, **2013**, 49, 7406-8	5.8	50
234	Remarkable Photophysics and Amplified Quenching of Conjugated Polyelectrolyte Oligomers. *Journal of Physical Chemistry Letters*, **2013**, 4, 1410-4	6.4	21
233	Enhancing the efficiency of solution-processed polymer:colloidal nanocrystal hybrid photovoltaic cells using ethanedithiol treatment. *ACS Nano*, **2013**, 7, 4846-54	16.7	104
232	When worlds collide: interactions at the interface between biological systems and synthetic cationic conjugated polyelectrolytes and oligomers. *Langmuir*, **2013**, 29, 10635-47	4	46

231	Conjugated Polyelectrolyte-Based Biocide Applications **2013**, 263-294		1
230	Understanding the dark and light-enhanced bactericidal action of cationic conjugated polyelectrolytes and oligomers. *Langmuir*, **2013**, 29, 781-92	4	68
229	Antimicrobial activity of cationic conjugated polyelectrolytes and oligomers against Saccharomyces cerevisiae vegetative cells and ascospores. *ACS Applied Materials & Interfaces*, **2013**, 5, 4555-61	9.5	18
228	Ion-induced aggregation of conjugated polyelectrolytes studied by fluorescence correlation spectroscopy. *Journal of Physical Chemistry B*, **2013**, 117, 16314-24	3.4	17
227	A sensitive and selective mercury(II) sensor based on amplified fluorescence quenching in a conjugated polyelectrolyte/spiro-cyclic rhodamine system. *Macromolecular Rapid Communications*, **2013**, 34, 791-5	4.8	19
226	Modifiedp-phenylene vinylene platinum (II) acetylides with enhanced two-photon absorption in solid host **2013**,		1
225	Mechanistic understanding of surface plasmon assisted catalysis on a single particle: cyclic redox of 4-aminothiophenol. *Scientific Reports*, **2013**, 3, 2997	4.9	177
224	CHAPTER 16:Conjugated Polyelectrolytes. *RSC Polymer Chemistry Series*, **2013**, 343-358	1.3	2
223	"Light Switch" Effect Upon Binding of Ru-dppz to Water-Soluble Conjugated Polyelectrolyte Dendrimers. *Journal of Physical Chemistry Letters*, **2012**, 3, 1707-10	6.4	5
222	Efficacy of end-only-functionalized oligo(arylene-ethynylene)s in killing bacterial biofilms. *Langmuir* , **2012**, 28, 11286-90	4	15
221	Helical Conjugated Polyelectrolyte Aggregation Induced by Biotin-Avidin Interaction. *Journal of Physical Chemistry Letters*, **2012**, 3, 1711-5	6.4	12
220	Competition between Ultrafast Energy Flow and Electron Transfer in a Ru(II)-Loaded Polyfluorene Light-Harvesting Polymer. *Journal of Physical Chemistry Letters*, **2012**, 3, 2453-7	6.4	28
219	Phenylene vinylene platinum(II) acetylides with prodigious two-photon absorption. *Journal of the American Chemical Society*, **2012**, 134, 19346-9	16.4	73
218	Direct visualization of bactericidal action of cationic conjugated polyelectrolytes and oligomers. *Langmuir*, **2012**, 28, 65-70	4	76
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