

# Carlos Silva Acuña

## List of Publications by Year in descending order

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141  
papers

10,906  
citations

38742

50  
h-index

30087

103  
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154  
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154  
docs citations

154  
times ranked

10449  
citing authors

#	ARTICLE	IF	CITATIONS
1	Conjugated Polymer Mesocrystals with Structural and Optoelectronic Coherence and Anisotropy in Three Dimensions. <i>Advanced Materials</i> , 2022, 34, e2103002.	21.0	11
2	Peculiar anharmonicity of Ruddlesden Popper metal halides: temperature-dependent phonon dephasing. <i>Materials Horizons</i> , 2022, 9, 492-499.	12.2	5
3	Homogeneous Optical Line Widths in Hybrid Ruddlesden-Popper Metal Halides Can Only Be Measured Using Nonlinear Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2022, 126, 5378-5387.	3.1	7
4	Concerning the stability of biexcitons in hybrid HJ aggregates of $\pi$ -conjugated polymers. <i>Journal of Chemical Physics</i> , 2022, 156, 181101.	3.0	1
5	Synthesis of Donor-Acceptor Copolymers Derived from Diketopyrrolopyrrole and Fluorene via Eco-Friendly Direct Arylation: Nonlinear Optical Properties, Transient Absorption Spectroscopy, and Theoretical Modeling. <i>Energies</i> , 2022, 15, 3855.	3.1	2
6	Stochastic exciton-scattering theory of optical line shapes: Renormalized many-body contributions. <i>Journal of Chemical Physics</i> , 2022, 157, .	3.0	1
7	Persistent Conjugated Backbone and Disordered Lamellar Packing Impart Polymers with Efficient $n$ -Doping and High Conductivities. <i>Advanced Materials</i> , 2021, 33, e2005946.	21.0	99
8	Bulky Cations Improve Band Alignment and Efficiency in Sn-Pb Halide Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2021, 4, 2616-2628.	5.1	11
9	Linear and nonlinear optical properties of a quadrupolar carbo-benzene and its benzenic parent: The carbo-merization effect. <i>Dyes and Pigments</i> , 2021, 188, 109133.	3.7	2
10	Data Science Guided Experiments Identify Conjugated Polymer Solution Concentration as a Key Parameter in Device Performance. , 2021, 3, 1321-1327.		14
11	Nonlinear photocarrier dynamics and the role of shallow traps in mixed-halide mixed-cation hybrid perovskites. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8204-8212.	5.5	6
12	Charge-Transfer Intermediates in the Electrochemical Doping Mechanism of Conjugated Polymers. <i>Journal of the American Chemical Society</i> , 2021, 143, 294-308.	13.7	28
13	Frenkel biexcitons in hybrid HJ photophysical aggregates. <i>Science Advances</i> , 2021, 7, eabi5197.	10.3	10
14	The Importance of Quantifying the Composition of the Amorphous Intermixed Phase in Organic Solar Cells. <i>Advanced Materials</i> , 2020, 32, e2005241.	21.0	21
15	Stochastic scattering theory for excitation-induced dephasing: Time-dependent nonlinear coherent exciton lineshapes. <i>Journal of Chemical Physics</i> , 2020, 153, 164706.	3.0	12
16	Stochastic scattering theory for excitation-induced dephasing: Comparison to the Anderson-Kubo lineshape. <i>Journal of Chemical Physics</i> , 2020, 153, 154115.	3.0	7
17	Toward Fast Screening of Organic Solar Cell Blends. <i>Advanced Science</i> , 2020, 7, 2000960.	11.2	15
18	Exciton Polarons in Two-Dimensional Hybrid Metal-Halide Perovskites. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 3173-3184.	4.6	100

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19	Probing exciton/exciton interactions with entangled photons: Theory. <i>Journal of Chemical Physics</i> , 2020, 152, 071101.	3.0	9
20	Observation of Photoinduced Proton Transfer between the Titania Surface and Dye Molecule. <i>Journal of Physical Chemistry C</i> , 2020, 124, 4172-4178.	3.1	5
21	Electron-Phonon Couplings Inherent in Polarons Drive Exciton Dynamics in Two-Dimensional Metal-Halide Perovskites. <i>Chemistry of Materials</i> , 2019, 31, 7085-7091.	6.7	40
22	The Importance of Microstructure in Determining Polaron Generation Yield in Poly(9,9-dioctylfluorene). <i>Chemistry of Materials</i> , 2019, 31, 6787-6797.	6.7	16
23	Photon entanglement entropy as a probe of many-body correlations and fluctuations. <i>Journal of Chemical Physics</i> , 2019, 150, 184106.	3.0	12
24	(4NPEA) <sub>2</sub> PbI <sub>4</sub> (4NPEA = 4-Nitrophenylethylammonium): Structural, NMR, and Optical Properties of a 3 Å–3 Corrugated 2D Hybrid Perovskite. <i>Journal of the American Chemical Society</i> , 2019, 141, 4521-4525.	13.7	37
25	Robust and Stretchable Polymer Semiconducting Networks: From Film Microstructure to Macroscopic Device Performance. <i>Chemistry of Materials</i> , 2019, 31, 6530-6539.	6.7	37
26	Intrinsically distinct hole and electron transport in conjugated polymers controlled by intra and intermolecular interactions. <i>Nature Communications</i> , 2019, 10, 5226.	12.8	36
27	Phonon coherences reveal the polaronic character of excitons in two-dimensional lead halide perovskites. <i>Nature Materials</i> , 2019, 18, 349-356.	27.5	257
28	Enhanced screening and spectral diversity in many-body elastic scattering of excitons in two-dimensional hybrid metal-halide perovskites. <i>Physical Review Research</i> , 2019, 1, .	3.6	24
29	On the Effect of Confinement on the Structure and Properties of Small-Molecular Organic Semiconductors. <i>Advanced Electronic Materials</i> , 2018, 4, 1700308.	5.1	19
30	A Thiazole-Naphthalene Diimide Based n-Channel Donor-Acceptor Conjugated Polymer. <i>Macromolecules</i> , 2018, 51, 7320-7328.	4.8	35
31	Probing dynamical symmetry breaking using quantum-entangled photons. <i>Quantum Science and Technology</i> , 2018, 3, 015003.	5.8	14
32	Stable biexcitons in two-dimensional metal-halide perovskites with strong dynamic lattice disorder. <i>Physical Review Materials</i> , 2018, 2, .	2.4	89
33	Exciton-polaron spectral structures in two-dimensional hybrid lead-halide perovskites. <i>Physical Review Materials</i> , 2018, 2, .	2.4	116
34	Convective self-assembly of $\pi$ -conjugated oligomers and polymers. <i>Journal of Materials Chemistry C</i> , 2017, 5, 2513-2518.	5.5	18
35	Incoherent population mixing contributions to phase-modulation two-dimensional coherent excitation spectra. <i>Journal of Chemical Physics</i> , 2017, 147, 114201.	3.0	34
36	Excitonic coupling dominates the homogeneous photoluminescence excitation linewidth in semicrystalline polymeric semiconductors. <i>Physical Review B</i> , 2017, 95, .	3.2	17

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37	Probing polaron excitation spectra in organic semiconductors by photoinduced-absorption-detected two-dimensional coherent spectroscopy. <i>Chemical Physics</i> , 2016, 481, 281-286.	1.9	12
38	Efficient Radiative Pumping of Polaritons in a Strongly Coupled Microcavity by a Fluorescent Molecular Dye. <i>Advanced Optical Materials</i> , 2016, 4, 1615-1623.	7.3	61
39	Ultrafast decoherence dynamics govern photocarrier generation efficiencies in polymer solar cells. <i>Scientific Reports</i> , 2016, 6, 29437.	3.3	52
40	Ultrafast Spectroscopy with Photocurrent Detection: Watching Excitonic Optoelectronic Systems at Work. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 250-258.	4.6	81
41	Resonance Raman spectroscopy and imaging of push-pull conjugated polymer-fullerene blends. <i>Journal of Materials Chemistry C</i> , 2015, 3, 6058-6066.	5.5	24
42	Role of charge separation mechanism and local disorder at hybrid solar cell interfaces. <i>Physical Review B</i> , 2015, 91, .	3.2	7
43	The effect of phase morphology on the nature of long-lived charges in semiconductor polymer:fullerene systems. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3722-3729.	5.5	22
44	Multi-phase microstructures drive exciton dissociation in neat semicrystalline polymeric semiconductors. <i>Journal of Materials Chemistry C</i> , 2015, 3, 10715-10722.	5.5	689
45	H- and J-Aggregate Behavior in Polymeric Semiconductors. <i>Annual Review of Physical Chemistry</i> , 2014, 65, 477-500.	10.8	834
46	Noise-induced quantum coherence drives photo-carrier generation dynamics at polymeric semiconductor heterojunctions. <i>Nature Communications</i> , 2014, 5, 3119.	12.8	111
47	The influence of molecular interface modification on the charge dynamics of polymeric semiconductor:ZnO heterostructure. <i>Journal of Applied Physics</i> , 2014, 116, 074502.	2.5	11
48	Direct observation of ultrafast long-range charge separation at polymer-fullerene heterojunctions. <i>Nature Communications</i> , 2014, 5, 4288.	12.8	140
49	Controlling the Interaction of Light with Polymer Semiconductors. <i>Advanced Materials</i> , 2013, 25, 4906-4911.	21.0	42
50	The impact of molecular weight on microstructure and charge transport in semicrystalline polymer semiconductors-poly(3-hexylthiophene), a model study. <i>Progress in Polymer Science</i> , 2013, 38, 1978-1989.	24.7	274
51	Two-dimensional spatial coherence of excitons in semicrystalline polymeric semiconductors: Effect of molecular weight. <i>Physical Review B</i> , 2013, 88, .	3.2	96
52	Some like it hot. <i>Nature Materials</i> , 2013, 12, 5-6.	27.5	32
53	The role of acceptor-rich domain in optoelectronic properties of photovoltaic diodes based on polymer blends. <i>Chemical Physics Letters</i> , 2013, 583, 92-96.	2.6	3
54	Recombination Dynamics of Charge Pairs in a Push-Pull Polyfluorene-Derivative. <i>Journal of Physical Chemistry B</i> , 2013, 117, 4649-4653.	2.6	30

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55	Recombination dynamics in InGaN/GaN nanowire heterostructures on Si(111). <i>Nanotechnology</i> , 2013, 24, 045702.	2.6	11
56	Charge percolation pathways in polymer blend photovoltaic diodes with sub-mesoscopic two-phase microstructures. <i>Chemical Physics Letters</i> , 2013, 572, 44-47.	2.6	3
57	Biography of Paul F. Barbara. <i>Journal of Physical Chemistry B</i> , 2013, 117, 4157-4159.	2.6	0
58	Long-lived photoexcitations in intercalated, partially and predominantly non-intercalated polymer:fullerene blends. , 2013, , .		0
59	Large electronic bandwidth in solution-processable pyrene crystals: The role of close-packed crystal structure. <i>Journal of Chemical Physics</i> , 2012, 137, 034706.	3.0	10
60	Optical signatures of the interplay between intermolecular and intramolecular coupling in plastic semiconductors. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0
61	Slow geminate charge pair recombination dynamics at polymer: Fullerene heterojunctions in efficient organic solar cells. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2012, 50, 1395-1404.	2.1	12
62	Thermodynamics of exciton/polaritons in one and two dimensional organic single-crystal microcavities. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 3226.	2.8	9
63	Estimating the conditions for polariton condensation in organic thin-film microcavities. <i>Journal of Chemical Physics</i> , 2012, 136, 034510.	3.0	19
64	The influence of solid-state microstructure on the origin and yield of long-lived photogenerated charge in neat semiconducting polymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2012, 50, 27-37.	2.1	101
65	The Binding Energy of Charge-Transfer Excitons Localized at Polymeric Semiconductor Heterojunctions. <i>Journal of Physical Chemistry C</i> , 2011, 115, 7114-7119.	3.1	131
66	Charge-transfer excitons at semiconductor polymer heterojunctions in efficient organic photovoltaic diodes. , 2011, , .		0
67	Charge Separation in Semicrystalline Polymeric Semiconductors by Photoexcitation: Is the Mechanism Intrinsic or Extrinsic?. <i>Physical Review Letters</i> , 2011, 106, 197401.	7.8	118
68	Persistent polarization memory in sexithiophene nanostructures. <i>Physical Review B</i> , 2011, 83, .	3.2	0
69	Analysis of the excited-state absorption spectral bandshape of oligofluorenes. <i>Journal of Chemical Physics</i> , 2010, 132, 214510.	3.0	15
70	A little energy goes a long way. <i>Nature Materials</i> , 2010, 9, 884-885.	27.5	11
71	Carrier recombination dynamics in $\ln_x\text{Ga}_{1-x}\text{N}$ quantum wells. <i>Physical Review B</i> , 2010, 82, .	1.1	11
72	Charge-transfer excitons in strongly coupled organic semiconductors. <i>Physical Review B</i> , 2010, 81, .	3.2	12

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73	Determining exciton bandwidth and film microstructure in polythiophene films using linear absorption spectroscopy. <i>Applied Physics Letters</i> , 2009, 94, .	3.3	492
74	Determining exciton coherence from the photoluminescence spectral line shape in poly(3-hexylthiophene) thin films. <i>Journal of Chemical Physics</i> , 2009, 130, 074904.	3.0	241
75	Excitons in perylene tetracarboxdiimide crystals for optoelectronics. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009, 6, 93-96.	0.8	3
76	Control of Rapid Formation of Interchain Excited States in Sugar-Threaded Supramolecular Wires. <i>Advanced Materials</i> , 2008, 20, 3218-3223.	21.0	56
77	Modification of Fluorophore Photophysics through Peptide-Driven Self-Assembly. <i>Journal of the American Chemical Society</i> , 2008, 130, 5487-5491.	13.7	72
78	Mesoscopic order and the dimensionality of long-range resonance energy transfer in supramolecular semiconductors. <i>Journal of Chemical Physics</i> , 2008, 129, 104701.	3.0	16
79	Tuning Interfacial Charge-Transfer Excitons at Polymer-Polymer Heterojunctions under Hydrostatic Pressure. <i>Physical Review Letters</i> , 2008, 100, 157401.	7.8	24
80	Charge recombination in distributed heterostructures of semiconductor discotic and polymeric materials.. <i>Journal of Applied Physics</i> , 2008, 103, 124510.	2.5	16
81	Optical Spectroscopy of a Polyfluorene Copolymer at High Pressure: Intra- and Intermolecular Interactions. <i>Physical Review Letters</i> , 2007, 99, 167401.	7.8	92
82	Role of Intermolecular Coupling in the Photophysics of Disordered Organic Semiconductors: Aggregate Emission in Regioregular Polythiophene. <i>Physical Review Letters</i> , 2007, 98, 206406.	7.8	816
83	Monte Carlo Simulation of Exciton Bimolecular Annihilation Dynamics in Supramolecular Semiconductor Architectures. <i>Journal of Physical Chemistry C</i> , 2007, 111, 19111-19119.	3.1	17
84	Effect of Temperature and Chain Length on the Bimodal Emission Properties of Single Polyfluorene Copolymer Molecules. <i>Journal of Physical Chemistry B</i> , 2006, 110, 18898-18903.	2.6	40
85	Influence of mesoscopic ordering on the photoexcitation transfer dynamics in supramolecular assemblies of oligo-p-phenylenevinylene. <i>Chemical Physics Letters</i> , 2006, 418, 196-201.	2.6	33
86	Supramolecular Electronic Coupling in Chiral Oligothiophene Nanostructures. <i>Advanced Materials</i> , 2006, 18, 1281-1285.	21.0	56
87	<title>Two-photon excited transient absorption in poly(9,9'-dioctylfluorene- <i>emph</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Jf 50 1821		
88	Sequential absorption processes in two-photon-excitation transient absorption spectroscopy in a semiconductor polymer. <i>Physical Review B</i> , 2006, 73, .	3.2	17
89	Influence of Copolymer Interface Orientation on the Optical Emission of Polymeric Semiconductor Heterojunctions. <i>Physical Review Letters</i> , 2006, 96, 117403.	7.8	64
90	Charge Generation in Inorganic/Organic Photovoltaic Blends. <i>Springer Series in Chemical Physics</i> , 2005, , 783-785.	0.2	1

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91	Optical probing of sample heating in scanning near-field experiments with apertured probes. Applied Physics Letters, 2005, 86, 011102.	3.3	22
92	The effects of supramolecular assembly on exciton decay rates in organic semiconductors. Journal of Chemical Physics, 2005, 123, 084902.	3.0	15
93	Electric field-induced transition from heterojunction to bulk charge recombination in bilayer polymer light-emitting diodes. Applied Physics Letters, 2005, 86, 163501.	3.3	37
94	Exciton trapping at heterojunctions in polymer blends. Journal of Chemical Physics, 2005, 122, 244906.	3.0	58
95	Excitation Migration along Oligophenylenevinylene-Based Chiral Stacks: Delocalization Effects on Transport Dynamics. Journal of Physical Chemistry B, 2005, 109, 10594-10604.	2.6	80
96	Exciton Migration in Rigid-Rod Conjugated Polymers: An Improved Förster Model. Journal of the American Chemical Society, 2005, 127, 4744-4762.	13.7	257
97	Ultrafast Spectroscopy of the Solvent Dependence of Electron Transfer in a Perylenebisimide Dimer. Journal of Physical Chemistry A, 2005, 109, 8548-8552.	2.5	74
98	Exciton migration in a polythiophene: Probing the spatial and energy domain by line-dipole Förster-type energy transfer. Journal of Chemical Physics, 2005, 122, 094903.	3.0	102
99	Time-dependent energy transfer rates in a conjugated polymer guest-host system. Physical Review B, 2004, 70, .	3.2	71
100	Supramolecular architectures. Materials Today, 2004, 7, 24-32.	14.2	34
101	Efficient Energy Transfer in Mixed Columnar Stacks of Hydrogen-Bonded Oligo(p-phenylene vinylene)s in Solution. Angewandte Chemie - International Edition, 2004, 43, 1976-1979.	13.8	99
102	Endothermic exciplex?exciton energy-transfer in a blue-emitting polymeric heterojunction system. Chemical Physics Letters, 2004, 391, 81-84.	2.6	56
103	Endothermic exciplex?exciton energy-transfer in a blue-emitting polymeric heterojunction system. Chemical Physics Letters, 2004, 391, 81-81.	2.6	1
104	Investigation of heating effects in near-field experiments with luminescent organic semiconductors. Synthetic Metals, 2004, 147, 165-169.	3.9	5
105	Towards supramolecular electronics. Synthetic Metals, 2004, 147, 43-48.	3.9	44
106	Resonance energy transfer dynamics in hydrogen-bonded oligo-p-phenylenevinylene nanostructures. Synthetic Metals, 2004, 147, 29-35.	3.9	11
107	Exciton Regeneration at Polymeric Semiconductor Heterojunctions. Physical Review Letters, 2004, 92, 247402.	7.8	390
108	Barrier-Free Electron?Hole Capture in Polymer Blend Heterojunction Light-Emitting Diodes. Advanced Materials, 2003, 15, 1708-1712.	21.0	326

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109	Attaching Perylene Dyes to Polyfluorene: Three Simple, Efficient Methods for Facile Color Tuning of Light-Emitting Polymers. <i>Journal of the American Chemical Society</i> , 2003, 125, 437-443.	13.7	441
110	Exciton dynamics in supramolecular assemblies of p-phenylenevinylene oligomers. <i>Synthetic Metals</i> , 2003, 139, 839-842.	3.9	8
111	Exciton bimolecular annihilation dynamics in supramolecular nanostructures of conjugated oligomers. <i>Physical Review B</i> , 2003, 68, .	3.2	50
112	Fast exciton diffusion in chiral stacks of conjugated p-phenylene vinylene oligomers. <i>Physical Review B</i> , 2003, 68, .	3.2	73
113	Ultrafast investigation of exciton dissociation processes in polymeric semiconductors at high pump fluence. <i>Springer Series in Chemical Physics</i> , 2003, , 377-379.	0.2	0
114	Exciton and polaron dynamics in a step-ladder polymeric semiconductor: the influence of interchain order. <i>Journal of Physics Condensed Matter</i> , 2002, 14, 9803-9824.	1.8	42
115	Efficient light harvesting in a photovoltaic diode composed of a semiconductor conjugated copolymer blend. <i>Applied Physics Letters</i> , 2002, 80, 2204-2206.	3.3	55
116	Charge Generation Kinetics and Transport Mechanisms in Blended Polyfluorene Photovoltaic Devices. <i>Nano Letters</i> , 2002, 2, 1353-1357.	9.1	214
117	Interchain vs. intrachain energy transfer in acceptor-capped conjugated polymers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 10982-10987.	7.1	362
118	Amplified Spontaneous Emission in Close-Packed Films of Semiconductor Nanocrystals Using Picosecond Excitation. <i>Advanced Functional Materials</i> , 2002, 12, 537.	14.9	15
119	Correlation Between Molecular Structure, Microscopic Morphology, and Optical Properties of Poly(tetraalkylindenofluorene)s. <i>Advanced Functional Materials</i> , 2002, 12, 729-733.	14.9	75
120	Cyclodextrin-threaded conjugated polyrotaxanes as insulated molecular wires with reduced interstrand interactions. <i>Nature Materials</i> , 2002, 1, 160-164.	27.5	471
121	Exciton dissociation mechanisms in the polymeric semiconductors poly(9,9-dioctylfluorene) and poly(9,9-dioctylfluorene-co-benzothiadiazole). <i>Physical Review B</i> , 2001, 63, .	3.2	283
122	Ultrafast charge photogeneration in conjugated polymer thin films. <i>Synthetic Metals</i> , 2001, 116, 9-13.	3.9	25
123	Exciton migration to chain aggregates in conjugated polymers: influence of side-chain substitution. <i>Chemical Physics Letters</i> , 2001, 347, 318-324.	2.6	37
124	Efficient exciton dissociation via two-step photoexcitation in polymeric semiconductors. <i>Physical Review B</i> , 2001, 64, .	3.2	99
125	Excited-state absorption in luminescent conjugated polymer thin films: ultrafast studies of processable polyindenofluorene derivatives. <i>Chemical Physics Letters</i> , 2000, 319, 494-500.	2.6	28
126	Detailed Investigations of the Pump-Probe Spectroscopy of the Equilibrated Solvated Electron in Alcohols. <i>Journal of Physical Chemistry A</i> , 1998, 102, 5701-5707.	2.5	54



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127	Detailed Investigation of the Femtosecond Pump-Probe Spectroscopy of the Hydrated Electron. <i>Journal of Physical Chemistry A</i> , 1998, 102, 6957-6966.	2.5	142
128	Femtosecond Solvation Dynamics of the Hydrated Electron. <i>Physical Review Letters</i> , 1998, 80, 1086-1089.	7.8	199
129	Femtosecond Pump-Probe Spectroscopy on the Equilibrated Aqueous Solvated Electron: Isotope Effects and Saturation Studies. <i>Springer Series in Chemical Physics</i> , 1998, , 583-585.	0.2	0
130	Ultrafast Study of the Photodissociation and Recombination of Aqueous O <sub>3</sub> <sup>-</sup> . <i>The Journal of Physical Chemistry</i> , 1996, 100, 5188-5199.	2.9	31
131	Direct pump/probe spectroscopy of the near-IR band of the solvated electron in alcohols. <i>Chemical Physics Letters</i> , 1995, 232, 135-140.	2.6	68
132	Electronic Coherence, Vibrational Coherence, and Solvent Degrees of Freedom in the Femtosecond Spectroscopy of Mixed-Valence Metal Dimers in H <sub>2</sub> O and D <sub>2</sub> O. <i>The Journal of Physical Chemistry</i> , 1995, 99, 2609-2616.	2.9	150
133	Femtosecond absorption anisotropy of the aqueous solvated electron. <i>Chemical Physics Letters</i> , 1994, 228, 658-664.	2.6	39
134	The hole in the bucky: structure-property mapping of closed- vs. open-cage fullerene solar-cell blends via temperature/composition phase diagrams. <i>Journal of Materials Chemistry C</i> , , , .	5.5	2
135	What do dephasing dynamics teach us about exciton polarons in hybrid Ruddlesden Popper metal halides?. , 0, , .		0
136	2D coherent photocurrent excitation spectroscopy. <i>SPIE Newsroom</i> , 0, , .	0.1	0
137	Towards Metallic-Type Transport in Polymers: Establishing Structure/Property Interrelationships. , 0, , .		0
138	Phonon coherences reveal the polaronic character of excitons in two-dimensional lead halide perovskites. , 0, , .		0
139	Optoelectronic Landscape of Polymer Semiconductors in High-k Surroundings. , 0, , .		0
140	On the Nature of Exciton-Bath Interactions in Two-Dimensional Lead Halide Perovskites. , 0, , .		0
141	On the Nature of Exciton-Bath Interactions in Two-Dimensional Lead Halide Perovskites. , 0, , .		0