

Matthew Sfeir

List of Publications by Year in descending order

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142
papers

11,700
citations

36303

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26613

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144
all docs

144
docs citations

144
times ranked

14438
citing authors

#	ARTICLE	IF	CITATIONS
1	Singlet fission and triplet pair recombination in bipentacenes with a twist. <i>Materials Horizons</i> , 2022, 9, 462-470.	12.2	14
2	Growth kinetics determine the polydispersity and size of PbS and PbSe nanocrystals. <i>Chemical Science</i> , 2022, 13, 4555-4565.	7.4	18
3	Quantifying Exciton Transport in Singlet Fission Diblock Copolymers. <i>Journal of the American Chemical Society</i> , 2022, 144, 3269-3278.	13.7	17
4	Ultrafast thermal modification of strong coupling in an organic microcavity. <i>APL Photonics</i> , 2021, 6, 016103.	5.7	9
5	Efficient Free Triplet Generation Follows Singlet Fission in Diketopyrrolopyrrole Polymorphs with Goldilocks Coupling. <i>Journal of Physical Chemistry C</i> , 2021, 125, 12207-12213.	3.1	14
6	Singlet fission in a hexacene dimer: energetics dictate dynamics. <i>Chemical Science</i> , 2020, 11, 1079-1084.	7.4	35
7	Modifying the Spectral Weights of Vibronic Transitions via Strong Coupling to Surface Plasmons. <i>ACS Photonics</i> , 2020, 7, 43-48.	6.6	9
8	The Role of Long-Lived Excitons in the Dynamics of Strongly Coupled Molecular Polaritons. <i>ACS Photonics</i> , 2020, 7, 2292-2301.	6.6	34
9	Molecular Engineering of Chromophores to Enable Triplet-Triplet Annihilation Upconversion. <i>Journal of the American Chemical Society</i> , 2020, 142, 19917-19925.	13.7	42
10	Doping-driven electronic and lattice dynamics in the phase-change material vanadium dioxide. <i>Physical Review B</i> , 2020, 102, .	3.2	8
11	Edge States Drive Exciton Dissociation in Ruddlesden-Popper Lead Halide Perovskite Thin Films. , 2020, 2, 1360-1367.		20
12	Bridge Resonance Effects in Singlet Fission. <i>Journal of Physical Chemistry A</i> , 2020, 124, 9392-9399.	2.5	16
13	Charge transfer states impact the triplet pair dynamics of singlet fission polymers. <i>Journal of Chemical Physics</i> , 2020, 153, 244902.	3.0	13
14	Ultra-fast intramolecular singlet fission to persistent multiexcitons by molecular design. <i>Nature Chemistry</i> , 2019, 11, 821-828.	13.6	85
15	Understanding the Bound Triplet-Pair State in Singlet Fission. <i>CheM</i> , 2019, 5, 1988-2005.	11.7	63
16	Achieving Long-Lived Triplet States in Intramolecular SF Films through Molecular Engineering. <i>CheM</i> , 2019, 5, 2405-2417.	11.7	31
17	Au ₁₃₀ Ag ₁₃₀ Nanoclusters with Non-Metallicity: A Drum of Silver-Rich Sites Enclosed in a Marks-Decahedral Cage of Gold-Rich Sites. <i>Angewandte Chemie</i> , 2019, 131, 18974-18978.	2.0	15
18	Au ₁₃₀ Ag ₁₃₀ Nanoclusters with Non-Metallicity: A Drum of Silver-Rich Sites Enclosed in a Marks-Decahedral Cage of Gold-Rich Sites. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18798-18802.	13.8	32

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19	Anomalous phonon relaxation in Au ₃₃₃ (SR) ₇₉ nanoparticles with nascent plasmons. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13215-13220.	7.1	29
20	Photon Upconversion in Aqueous Nanodroplets. Journal of the American Chemical Society, 2019, 141, 9180-9184.	13.7	46
21	Persistent Multiexcitons from Polymers with Pendent Pentacenes. Journal of the American Chemical Society, 2019, 141, 9564-9569.	13.7	31
22	Multicomponent Oxynitride Thin Films: Precise Growth Control and Excited State Dynamics. Chemistry of Materials, 2019, 31, 3461-3467.	6.7	7
23	Annihilator dimers enhance triplet fusion upconversion. Chemical Science, 2019, 10, 3969-3975.	7.4	51
24	Anticipating Acene-Based Chromophore Spectra with Molecular Orbital Arguments. Journal of Physical Chemistry A, 2019, 123, 2527-2536.	2.5	21
25	Unique Photophysical Properties of Infrared Absorbing Polymers. , 2019, , .		0
26	Three-Stage Evolution from Non-scalable to Scalable Optical Properties of Thiolate-Protected Gold Nanoclusters. Journal of the American Chemical Society, 2019, 141, 19754-19764.	13.7	110
27	Type-II heterostructures of V_2O_5 nanowires interfaced with cadmium chalcogenide quantum dots: Programmable energetic offsets, ultrafast charge transfer, and photocatalytic hydrogen evolution. Journal of Chemical Physics, 2019, 151, 224702.	3.0	6
28	Three-orders-of-magnitude variation of carrier lifetimes with crystal phase of gold nanoclusters. Science, 2019, 364, 279-282.	12.6	149
29	Singlet Fission: Current Challenges and Spectroscopy. , 2019, , .		0
30	Excited-State Behaviors of $\text{M}_{11}\text{Au}_{24}$ (SR) ₁₈ Nanoclusters: The Number of Valence Electrons Matters. Journal of Physical Chemistry C, 2018, 122, 13435-13442.	3.1	44
31	Sharp Transition from Nonmetallic Au_{246} to Metallic Au_{279} with Nascent Surface Plasmon Resonance. Journal of the American Chemical Society, 2018, 140, 5691-5695.	13.7	157
32	Preferential Charge Generation at Aggregate Sites in Narrow Band Gap Infrared Photoresponsive Polymer Semiconductors. Advanced Optical Materials, 2018, 6, 1701138.	7.3	29
33	$\text{Au}_{10}(\text{TBBT})_{10}$: The beginning and the end of $\text{Au}_n(\text{TBBT})_m$ nanoclusters. Chinese Journal of Chemical Physics, 2018, 31, 555-562.	1.3	7
34	Hole Extraction by Design in Photocatalytic Architectures Interfacing CdSe Quantum Dots with Topochemically Stabilized Tin Vanadium Oxide. Journal of the American Chemical Society, 2018, 140, 17163-17174.	13.7	33
35	New insights into the design of conjugated polymers for intramolecular singlet fission. Nature Communications, 2018, 9, 2999.	12.8	97
36	Novel Star-Shaped Helical Perylene Diimide Electron Acceptors for Efficient Additive-Free Nonfullerene Organic Solar Cells. ACS Applied Materials & Interfaces, 2018, 10, 27894-27901.	8.0	59

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37	Nanostructured fibers as a versatile photonic platform: radiative cooling and waveguiding through transverse Anderson localization. <i>Light: Science and Applications</i> , 2018, 7, 37.	16.6	60
38	The Elusive Nature of Excited States in Singlet Fission Materials. <i>CheM</i> , 2018, 4, 935-936.	11.7	1
39	A Library of Selenourea Precursors to PbSe Nanocrystals with Size Distributions near the Homogeneous Limit. <i>Journal of the American Chemical Society</i> , 2017, 139, 2296-2305.	13.7	96
40	Exciton-Exciton Annihilation as a Probe of Interchain Interactions in PPV Oligomer Aggregates. <i>Journal of Physical Chemistry B</i> , 2017, 121, 1707-1714.	2.6	11
41	Extremely efficient internal exciton dissociation through edge states in layered 2D perovskites. <i>Science</i> , 2017, 355, 1288-1292.	12.6	830
42	Influence of Nanostructure on the Exciton Dynamics of Multichromophore Donor-Acceptor Block Copolymers. <i>ACS Nano</i> , 2017, 11, 4593-4598.	14.6	15
43	Unravelling Photocarrier Dynamics beyond the Space Charge Region for Photoelectrochemical Water Splitting. <i>Chemistry of Materials</i> , 2017, 29, 4036-4043.	6.7	23
44	Electron localization in rod-shaped triicosahedral gold nanocluster. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4697-E4705.	7.1	56
45	Ultrafast Relaxation Dynamics of Au ₃₈ (SC ₂ H ₄) ₂₄ Nanoclusters and Effects of Structural Isomerism. <i>Journal of Physical Chemistry C</i> , 2017, 121, 10686-10693.	3.1	41
46	On the Non-Metallicity of 2.2-...nm Au ₂₄₆ (SR) ₈₀ Nanoclusters. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16257-16261.	13.8	61
47	Triplet Harvesting from Intramolecular Singlet Fission in Polytetracene. <i>Advanced Materials</i> , 2017, 29, 1701416.	21.0	70
48	Distinct properties of the triplet pair state from singlet fission. <i>Science Advances</i> , 2017, 3, e1700241.	10.3	102
49	Tuning Singlet Fission in ĩ-Bridge-ĩ Chromophores. <i>Journal of the American Chemical Society</i> , 2017, 139, 12488-12494.	13.7	147
50	Evolution of Excited-State Dynamics in Periodic Au ₂₈ , Au ₃₆ , Au ₄₄ , and Au ₅₂ Nanoclusters. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4023-4030.	4.6	77
51	Ultrafast optical snapshots of hybrid perovskites reveal the origin of multiband electronic transitions. <i>Physical Review B</i> , 2017, 96, .	3.2	13
52	Charge Transfer from Carbon Nanotubes to Silicon in Flexible Carbon Nanotube/Silicon Solar Cells. <i>Small</i> , 2017, 13, 1702387.	10.0	18
53	On the Non-Metallicity of 2.2-...nm Au ₂₄₆ (SR) ₈₀ Nanoclusters. <i>Angewandte Chemie</i> , 2017, 129, 16475-16479		16
54	Quintet multiexciton dynamics in singlet fission. <i>Nature Physics</i> , 2017, 13, 182-188.	16.7	220

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55	Intramolecular Singlet Fission in Oligoacene Heterodimers. <i>Angewandte Chemie</i> , 2016, 128, 3434-3438.	2.0	38
56	Plasmonic transparent conductors. , 2016, , .		1
57	Programming Interfacial Energetic Offsets and Charge Transfer in $\text{I}^2\text{-Pb}_{0.33}\text{V}_2\text{O}_5$ /Quantum-Dot Heterostructures: Tuning Valence-Band Edges to Overlap with Midgap States. <i>Journal of Physical Chemistry C</i> , 2016, 120, 28992-29001.	3.1	11
58	Plasmonic hole arrays for combined photon and electron management. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	3
59	Polaron Stabilization by Cooperative Lattice Distortion and Cation Rotations in Hybrid Perovskite Materials. <i>Nano Letters</i> , 2016, 16, 3809-3816.	9.1	245
60	Exciton Correlations in Intramolecular Singlet Fission. <i>Journal of the American Chemical Society</i> , 2016, 138, 7289-7297.	13.7	117
61	A Direct Mechanism of Ultrafast Intramolecular Singlet Fission in Pentacene Dimers. <i>ACS Central Science</i> , 2016, 2, 316-324.	11.3	176
62	Singlet Fission in Polypentacene. <i>CheM</i> , 2016, 1, 505-511.	11.7	69
63	Quaternary Organic Solar Cells Enhanced by Cocrystalline Squaraines with Power Conversion Efficiencies $\geq 10\%$. <i>Advanced Energy Materials</i> , 2016, 6, 1600660.	19.5	46
64	Solar Cells: Quaternary Organic Solar Cells Enhanced by Cocrystalline Squaraines with Power Conversion Efficiencies $> 10\%$ (<i>Adv. Energy Mater.</i> 21/2016). <i>Advanced Energy Materials</i> , 2016, 6, .	19.5	1
65	Evolution from the plasmon to exciton state in ligand-protected atomically precise gold nanoparticles. <i>Nature Communications</i> , 2016, 7, 13240.	12.8	205
66	Light-activated photocurrent degradation and self-healing in perovskite solar cells. <i>Nature Communications</i> , 2016, 7, 11574.	12.8	584
67	Intramolecular Singlet Fission in Oligoacene Heterodimers. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3373-3377.	13.8	109
68	Static and Dynamic Optical Properties of $\text{La}_{1-x}\text{Sr}_x\text{FeO}_3$: The Effects of A-Site and Oxygen Stoichiometry. <i>Chemistry of Materials</i> , 2016, 28, 97-105.	6.7	32
69	Properties of Poly- and Oligopentacenes Synthesized from Modular Building Blocks. <i>Macromolecules</i> , 2016, 49, 1279-1285.	4.8	34
70	Excitonic Lasing in Solution-Processed Subwavelength Nanosphere Assemblies. <i>Nano Letters</i> , 2016, 16, 2004-2010.	9.1	11
71	Directional Charge Transfer Mediated by Mid-Gap States: A Transient Absorption Spectroscopy Study of CdSe Quantum Dot/ $\text{I}^2\text{-Pb}_{0.33}\text{V}_2\text{O}_5$ Heterostructures. <i>Journal of Physical Chemistry C</i> , 2016, 120, 5221-5232.	3.1	25
72	Effects of single atom doping on the ultrafast electron dynamics of $\text{M}_1\text{Au}_{24}(\text{SR})_{18}$ (M = Pd, Pt) nanoclusters. <i>Nanoscale</i> , 2016, 8, 7163-7171.	5.6	55

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73	Effect of Surface Stoichiometry on Blinking and Hole Trapping Dynamics in CdSe Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2015, 119, 27797-27803.	3.1	55
74	Intra- to Intermolecular Singlet Fission. <i>Journal of Physical Chemistry C</i> , 2015, 119, 1312-1319.	3.1	65
75	Quantifying Bulk and Surface Recombination Processes in Nanostructured Water Splitting Photocatalysts via In Situ Ultrafast Spectroscopy. <i>Nano Letters</i> , 2015, 15, 1076-1082.	9.1	50
76	Ultrathin Europium Oxide Nanoplatelets: "Hidden" Parameters and Controlled Synthesis, Unusual Crystal Structure, and Photoluminescence Properties. <i>Chemistry of Materials</i> , 2015, 27, 965-974.	6.7	17
77	Fast Singlet Exciton Decay in Push-Pull Molecules Containing Oxidized Thiophenes. <i>Journal of Physical Chemistry B</i> , 2015, 119, 7644-7650.	2.6	34
78	Probing Structure-Induced Optical Behavior in a New Class of Self-Activated Luminescent OD/1D CaWO ₄ Metal Oxide-CdSe Nanocrystal Composite Heterostructures. <i>Chemistry of Materials</i> , 2015, 27, 778-792.	6.7	12
79	A design strategy for intramolecular singlet fission mediated by charge-transfer states in donor-acceptor organic materials. <i>Nature Materials</i> , 2015, 14, 426-433.	27.5	298
80	Predicting excitonic gaps of semiconducting single-walled carbon nanotubes from a field theoretic analysis. <i>Physical Review B</i> , 2015, 91, .	3.2	6
81	Panchromatic polymer-polymer ternary solar cells enhanced by Förster resonance energy transfer and solvent vapor annealing. <i>Journal of Materials Chemistry A</i> , 2015, 3, 18611-18621.	10.3	55
82	Quantitative Intramolecular Singlet Fission in Bipentacenes. <i>Journal of the American Chemical Society</i> , 2015, 137, 8965-8972.	13.7	324
83	Light-Harvesting Nanoparticle Core-Shell Clusters with Controllable Optical Output. <i>ACS Nano</i> , 2015, 9, 5657-5665.	14.6	50
84	Structural patterns at all scales in a nonmetallic chiral Au ₁₃₃ (SR) ₅₂ nanoparticle. <i>Science Advances</i> , 2015, 1, e1500045.	10.3	339
85	Electronic and optical properties of novel carbazole-based donor-acceptor compounds for applications in blue-emitting organic light-emitting diodes. , 2015, , .		0
86	Molecular helices as electron acceptors in high-performance bulk heterojunction solar cells. <i>Nature Communications</i> , 2015, 6, 8242.	12.8	525
87	Coevaporated Bisquaraine Inverted Solar Cells: Enhancement Due to Energy Transfer and Open Circuit Voltage Control. <i>ACS Photonics</i> , 2015, 2, 86-95.	6.6	47
88	Room-Temperature Exciton Lasing In Ultrathin Film of Coupled Nanocrystals. , 2015, , .		0
89	Characterization of plasmonic hole arrays as transparent electrical contacts for organic photovoltaics using high-brightness Fourier transform methods. <i>Journal of Modern Optics</i> , 2014, 61, 1735-1742.	1.3	4
90	Ultrafast Optical Properties of PbSe Nano-Rods: One Dimensional Excitons. , 2014, , .		0

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91	The optical properties of conjugated materials and their aggregates: towards imaging of films and devices. Proceedings of SPIE, 2014, , .	0.8	0
92	Charge Transfer Dynamics between Colloidal Nanocrystals and Graphene. , 2014, , .		0
93	Role of size and defects in ultrafast broadband emission dynamics of ZnO nanostructures. Applied Physics Letters, 2014, 104, .	3.3	21
94	Enhanced broadband ultrafast detection of ultraviolet emission using optical Kerr gating. Review of Scientific Instruments, 2014, 85, 055114.	1.3	19
95	Quantifying singlet fission in novel organic materials using nonlinear optics. , 2014, , .		0
96	A transferable model for singlet-fission kinetics. Nature Chemistry, 2014, 6, 492-497.	13.6	402
97	The Effects of Side-Chain-Induced Disorder on the Emission Spectra and Quantum Yields of Oligothiophene Nanoaggregates: A Combined Experimental and MD-TDDFT Study. Journal of Physical Chemistry A, 2014, 118, 10464-10473.	2.5	14
98	Probing differential optical and coverage behavior in nanotubeâ€“nanocrystal heterostructures synthesized by covalent versus non-covalent approaches. Dalton Transactions, 2014, 43, 7480.	3.3	8
99	Multiphonon Relaxation Slows Singlet Fission in Crystalline Hexacene. Journal of the American Chemical Society, 2014, 136, 10654-10660.	13.7	114
100	Solutionâ€“Processable Donorâ€“Acceptor Polymers with Modular Electronic Properties and Very Narrow Bandgaps. Macromolecular Rapid Communications, 2014, 35, 1516-1521.	3.9	23
101	Efficient Organic Solar Cells with Helical Perylene Diimide Electron Acceptors. Journal of the American Chemical Society, 2014, 136, 15215-15221.	13.7	414
102	Stimulated polariton emission from ZnO-nanoparticles based microcavity. , 2014, , .		0
103	Quantifying the Relationship between the Maximum Achievable Voltage and Current Levels in Low-Bandgap Polymer Photovoltaics. Journal of Physical Chemistry C, 2013, 117, 25955-25960.	3.1	6
104	A Hot Electronâ€“Hole Pair Breaks the Symmetry of a Semiconductor Quantum Dot. Nano Letters, 2013, 13, 6091-6097.	9.1	51
105	Linear and Nonlinear Optical Properties of Photoresponsive [60]Fullerene Hybrid Triads and Tetrads with Dual NIR Two-Photon Absorption Characteristics. Journal of Physical Chemistry C, 2013, 117, 17186-17195.	3.1	19
106	Singlet Exciton Fission in a Hexacene Derivative. Advanced Materials, 2013, 25, 1445-1448.	21.0	73
107	Polymer bulk heterojunction solar cells employing FÃ¶rster resonance energy transfer. Nature Photonics, 2013, 7, 479-485.	31.4	389
108	Improving the performance of P3HT/PCBM solar cells with squaraine dye. Proceedings of SPIE, 2013, , .	0.8	1

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109	Examining Nanoscale Photovoltaics with High Brightness Fourier Transform Measurements. , 2013, , .		0
110	Ultrafast supercontinuum spectroscopy of multiple exciton states in lead chalcogenide nanorods and nanocrystals. , 2012, , .		0
111	Multimodal Optical Nanoprobe for Advanced In-Situ Electron Microscopy. Microscopy Today, 2012, 20, 32-37.	0.3	11
112	Ultrafast Supercontinuum Spectroscopy of Carrier Multiplication and Biexcitonic Effects in Excited States of PbS Quantum Dots. Nano Letters, 2012, 12, 2658-2664.	9.1	48
113	Efficient Charge Separation in Multidimensional Nanohybrids. Nano Letters, 2011, 11, 4562-4568.	9.1	34
114	Ultrafast Relaxation Dynamics of Rod-Shaped 25-Atom Gold Nanoclusters. Journal of Physical Chemistry C, 2011, 115, 6200-6207.	3.1	89
115	Probing Electronic States and Dynamics in Graphene by Optical Spectroscopy. , 2011, , .		0
116	Hafnium (IV) and zirconium (IV) porphyrinoid diacetate complexes as new dyes for solar cells. , 2010, , .		0
117	Ultrafast Relaxation Dynamics of $[Au_{25}(SR)_{18}]^+_{q/l}$ Nanoclusters: Effects of Charge State. Journal of Physical Chemistry C, 2010, 114, 19935-19940.	3.1	133
118	Assembly, Structure and Optical Response of Three-Dimensional Dynamically Tunable Multicomponent Superlattices. Nano Letters, 2010, 10, 4456-4462.	9.1	66
119	The evolution of electronic structure in few-layer graphene revealed by optical spectroscopy. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14999-15004.	7.1	189
120	Infrared spectra of individual semiconducting single-walled carbon nanotubes: Testing the scaling of transition energies for large diameter nanotubes. Physical Review B, 2010, 82, .	3.2	9
121	Covalent Synthesis and Optical Characterization of Double-Walled Carbon Nanotube [~] Nanocrystal Heterostructures. Journal of Physical Chemistry C, 2010, 114, 8766-8773.	3.1	27
122	Effect of number of walls on plasmon behavior in carbon nanotubes. Carbon, 2009, 47, 162-168.	10.3	16
123	Measurement of the Optical Conductivity of Graphene. Physical Review Letters, 2008, 101, 196405.	7.8	1,398
124	Room-Temperature Preparation, Characterization, and Photoluminescence Measurements of Solid Solutions of Various Compositionally-Defined Single-Crystalline Alkaline-Earth-Metal Tungstate Nanorods. Chemistry of Materials, 2008, 20, 5500-5512.	6.7	65
125	Raman scattering from individual, isolated metallic carbon nanotubes. , 2007, , .		0
126	Variable Electron-Phonon Coupling in Isolated Metallic Carbon Nanotubes Observed by Raman Scattering. Physical Review Letters, 2007, 99, 027402.	7.8	98

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127	Multiphonon Raman Scattering from Individual Single-Walled Carbon Nanotubes. Physical Review Letters, 2007, 98, 047402.	7.8	22
128	Interactions between Individual Carbon Nanotubes Studied by Rayleigh Scattering Spectroscopy. Physical Review Letters, 2006, 96, 167401.	7.8	117
129	Cobalt Ultrathin Film Catalyzed Ethanol Chemical Vapor Deposition of Single-Walled Carbon Nanotubes. Journal of Physical Chemistry B, 2006, 110, 11103-11109.	2.6	83
130	Crystalline Graphite from an Organometallic Solution-Phase Reaction. Journal of the American Chemical Society, 2006, 128, 15590-15591.	13.7	22
131	Graphite, Tubular PAHs, and the Diffuse Interstellar Bands. Astrophysical Journal, 2006, 638, L105-L108.	4.5	25
132	Electrical transport measurements of nanotubes with known (n,m) indices. Physica Status Solidi (B): Basic Research, 2006, 243, 3359-3364.	1.5	12
133	Optical Spectroscopy of Individual Single-Walled Carbon Nanotubes of Defined Chiral Structure. Science, 2006, 312, 554-556.	12.6	231
134	Simultaneous determination of structure and optical transitions of individual single-walled carbon nanotubes. , 2006, , .		0
135	Probing Interactions between Individual Carbon Nanotubes by Rayleigh Scattering Spectroscopy. , 2006, , .		0
136	Spectroscopy of the Electronic Transitions of Individual Carbon Nanotubes of Defined Crystal Structure. , 2006, , .		0
137	Structural Dependence of Excitonic Optical Transitions and Band-Gap Energies in Carbon Nanotubes. Nano Letters, 2005, 5, 2314-2318.	9.1	226
138	Controlled Placement of Individual Carbon Nanotubes. Nano Letters, 2005, 5, 1515-1518.	9.1	80
139	Extracting subnanometer single shells from ultralong multiwalled carbon nanotubes. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 14155-14158.	7.1	64
140	Probing Electronic Transitions in Individual Carbon Nanotubes by Rayleigh Scattering. Science, 2004, 306, 1540-1543.	12.6	228
141	Probing nano-structures using Rayleigh scattering with supercontinuum radiation. , 0, , .		0
142	Large Area Lasing in Nanoscale Complex Media: The Critical Role of Local Dielectric Environment. Advanced Optical Materials, 0, , 2200650.	7.3	1