

# Martin T Zanni

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/1049070/martin-t-zanni-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

127  
papers

7,431  
citations

43  
h-index

84  
g-index

267  
ext. papers

8,289  
ext. citations

7.3  
avg, IF

6.28  
L-index

#	Paper	IF	Citations
127	Concepts and Methods of 2D Infrared Spectroscopy <b>2011</b> ,		972
126	How to turn your pump-probe instrument into a multidimensional spectrometer: 2D IR and Vis spectroscopies via pulse shaping. <i>Physical Chemistry Chemical Physics</i> , <b>2009</b> , 11, 748-61	3.6	300
125	Two-dimensional IR spectroscopy and isotope labeling defines the pathway of amyloid formation with residue-specific resolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 6614-9	11.5	251
124	Automated 2D IR spectroscopy using a mid-IR pulse shaper and application of this technology to the human islet amyloid polypeptide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 14197-202	11.5	245
123	Two-dimensional heterodyned and stimulated infrared photon echoes of N-methylacetamide-D. <i>Journal of Chemical Physics</i> , <b>2001</b> , 114, 4579	3.9	232
122	Picosecond dynamics of a membrane protein revealed by 2D IR. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 3528-33	11.5	190
121	Mechanism of IAPP amyloid fibril formation involves an intermediate with a transient sheet. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 19285-90	11.5	182
120	Heterodyned Two-Dimensional Infrared Spectroscopy of Solvent-Dependent Conformations of Acetylproline-NH <sub>2</sub> . <i>Journal of Physical Chemistry B</i> , <b>2001</b> , 105, 6520-6535	3.4	178
119	How to Get Insight into Amyloid Structure and Formation from Infrared Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , <b>2014</b> , 5, 1984-1993	6.4	146
118	Two-dimensional infrared spectroscopy reveals the complex behaviour of an amyloid fibril inhibitor. <i>Nature Chemistry</i> , <b>2012</b> , 4, 355-60	17.6	145
117	Adding a dimension to the infrared spectra of interfaces using heterodyne detected 2D sum-frequency generation (HD 2D SFG) spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 20902-7	11.5	144
116	Watching Proteins Wiggle: Mapping Structures with Two-Dimensional Infrared Spectroscopy. <i>Chemical Reviews</i> , <b>2017</b> , 117, 10726-10759	68.1	143
115	Inter and Intrastrand Vibrational Coupling in DNA Studied with Heterodyned 2D-IR Spectroscopy. <i>Journal of Physical Chemistry B</i> , <b>2003</b> , 107, 9165-9169	3.4	143
114	Instantaneous ion configurations in the K <sup>+</sup> ion channel selectivity filter revealed by 2D IR spectroscopy. <i>Science</i> , <b>2016</b> , 353, 1040-1044	33.3	142
113	Effects of Vibrational Frequency Correlations on Two-Dimensional Infrared Spectra. <i>Journal of Physical Chemistry A</i> , <b>2002</b> , 106, 962-972	2.8	141
112	DNA vibrational coupling revealed with two-dimensional infrared spectroscopy: insight into why vibrational spectroscopy is sensitive to DNA structure. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 13991-4000	3.4	133
111	Femtosecond pulse shaping directly in the mid-IR using acousto-optic modulation. <i>Optics Letters</i> , <b>2006</b> , 31, 838-40	3	128

110	Two-dimensional IR spectroscopy and segmental <sup>13</sup> C labeling reveals the domain structure of human D-crystallin amyloid fibrils. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 3329-34	11.5	119
109	Facile collection of two-dimensional electronic spectra using femtosecond pulse-shaping Technology. <i>Optics Express</i> , <b>2007</b> , 15, 16681-9	3.3	117
108	Tracking fiber formation in human islet amyloid polypeptide with automated 2D-IR spectroscopy. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 6698-9	16.4	112
107	Gating mechanism of the influenza A M2 channel revealed by 1D and 2D IR spectroscopies. <i>Structure</i> , <b>2009</b> , 17, 247-54	5.2	108
106	2DIR spectroscopy of human amylin fibrils reflects stable $\beta$ -sheet structure. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 16062-71	16.4	99
105	Stable and metastable states of human amylin in solution. <i>Biophysical Journal</i> , <b>2010</b> , 99, 2208-16	2.9	91
104	Residue-specific structural kinetics of proteins through the union of isotope labeling, mid-IR pulse shaping, and coherent 2D IR spectroscopy. <i>Methods</i> , <b>2010</b> , 52, 12-22	4.6	90
103	Vibrational Spectroscopic Map, Vibrational Spectroscopy, and Intermolecular Interaction. <i>Chemical Reviews</i> , <b>2020</b> , 120, 7152-7218	68.1	87
102	Structural motif of polyglutamine amyloid fibrils discerned with mixed-isotope infrared spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 5796-801	11.5	86
101	Time-resolved studies define the nature of toxic IAPP intermediates, providing insight for anti-amyloidosis therapeutics. <i>ELife</i> , <b>2016</b> , 5,	8.9	85
100	A pulse sequence for directly measuring the anharmonicities of coupled vibrations: Two-quantum two-dimensional infrared spectroscopy. <i>Journal of Chemical Physics</i> , <b>2004</b> , 120, 8067-78	3.9	84
99	2D IR line shapes probe ovispirin peptide conformation and depth in lipid bilayers. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 2832-8	16.4	82
98	Strategies for extracting structural information from 2D IR spectroscopy of amyloid: application to islet amyloid polypeptide. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 15679-91	3.4	81
97	Generation and characterization of phase and amplitude shaped femtosecond mid-IR pulses. <i>Optics Express</i> , <b>2006</b> , 14, 13120-30	3.3	81
96	Deamidation accelerates amyloid formation and alters amylin fiber structure. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 12658-67	16.4	79
95	Parallel $\beta$ -sheet vibrational couplings revealed by 2D IR spectroscopy of an isotopically labeled macrocycle: quantitative benchmark for the interpretation of amyloid and protein infrared spectra. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 19118-28	16.4	78
94	Energy transfer pathways in semiconducting carbon nanotubes revealed using two-dimensional white-light spectroscopy. <i>Nature Communications</i> , <b>2015</b> , 6, 6732	17.4	68
93	Efficient microwave-assisted synthesis of human islet amyloid polypeptide designed to facilitate the specific incorporation of labeled amino acids. <i>Organic Letters</i> , <b>2010</b> , 12, 4848-51	6.2	66

92	Quantification of transition dipole strengths using 1D and 2D spectroscopy for the identification of molecular structures via exciton delocalization: application to $\beta$ helices. <i>Journal of Chemical Physics</i> , <b>2012</b> , 137, 184202	3.9	65
91	Two-dimensional infrared spectroscopy provides evidence of an intermediate in the membrane-catalyzed assembly of diabetic amyloid. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 2498-505	3.4	61
90	Evidence for coupling between nitrile groups using DNA templates: a promising new method for monitoring structures with infrared spectroscopy. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 1336-8	3.4	61
89	Structural disorder of the CD3zeta transmembrane domain studied with 2D IR spectroscopy and molecular dynamics simulations. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 24740-9	3.4	56
88	Two-dimensional sum-frequency generation reveals structure and dynamics of a surface-bound peptide. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 956-62	16.4	53
87	Broadband 2D electronic spectrometer using white light and pulse shaping: noise and signal evaluation at 1 and 100 kHz. <i>Optics Express</i> , <b>2017</b> , 25, 7869-7883	3.3	52
86	Solution structures of rat amylin peptide: simulation, theory, and experiment. <i>Biophysical Journal</i> , <b>2010</b> , 98, 443-51	2.9	49
85	Two-Dimensional Spectroscopy Is Being Used to Address Core Scientific Questions in Biology and Materials Science. <i>Journal of Physical Chemistry B</i> , <b>2018</b> , 122, 1771-1780	3.4	45
84	Invariance of Water Permeance through Size-Differentiated Graphene Oxide Laminates. <i>ACS Nano</i> , <b>2018</b> , 12, 7855-7865	16.7	43
83	Extracting structural information from the polarization dependence of one- and two-dimensional sum frequency generation spectra. <i>Journal of Physical Chemistry A</i> , <b>2013</b> , 117, 5875-90	2.8	43
82	A strongly absorbing class of non-natural labels for probing protein electrostatics and solvation with FTIR and 2D IR spectroscopies. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 5009-18	3.4	43
81	Probing Site-Specific Structural Information of Peptides at Model Membrane Interface In Situ. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 10190-8	16.4	41
80	Amyloid fiber formation in human D-Crystallin induced by UV-B photodamage. <i>Biochemistry</i> , <b>2013</b> , 52, 6169-81	3.2	41
79	Signal enhancement and background cancellation in collinear two-dimensional spectroscopies. <i>Optics Letters</i> , <b>2008</b> , 33, 1371-3	3	41
78	A Free Energy Barrier Caused by the Refolding of an Oligomeric Intermediate Controls the Lag Time of Amyloid Formation by hIAPP. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 16748-16758	16.4	40
77	Amyloid found in human cataracts with two-dimensional infrared spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 6602-6607	11.5	40
76	Dye aggregation identified by vibrational coupling using 2D IR spectroscopy. <i>Journal of Chemical Physics</i> , <b>2015</b> , 142, 212449	3.9	40
75	Transition Dipoles from 1D and 2D Infrared Spectroscopy Help Reveal the Secondary Structures of Proteins: Application to Amyloids. <i>Journal of Physical Chemistry B</i> , <b>2015</b> , 119, 14065-75	3.4	40

74	Not All $\beta$ -Sheets Are the Same: Amyloid Infrared Spectra, Transition Dipole Strengths, and Couplings Investigated by 2D IR Spectroscopy. <i>Journal of Physical Chemistry B</i> , <b>2017</b> , 121, 8935-8945	3.4	39
73	Photoexcitation dynamics of coupled semiconducting carbon nanotube thin films. <i>Nano Letters</i> , <b>2013</b> , 13, 1495-501	11.5	38
72	Spectroscopic Signature for Stable $\beta$ -Amyloid Fibrils versus $\beta$ -Sheet-Rich Oligomers. <i>Journal of Physical Chemistry B</i> , <b>2018</b> , 122, 144-153	3.4	37
71	Vibrational dynamics of ions in glass from fifth-order two-dimensional infrared spectroscopy. <i>Physical Review Letters</i> , <b>2005</b> , 94, 067402	7.4	36
70	Structural and sequence analysis of the human D-crystallin amyloid fibril core using 2D IR spectroscopy, segmental $^{13}\text{C}$ labeling, and mass spectrometry. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 18410-6	16.4	35
69	Experimental Measurement of the Binding Configuration and Coverage of Chirality-Sorting Polyfluorenes on Carbon Nanotubes. <i>Journal of Physical Chemistry Letters</i> , <b>2014</b> , 5, 3742-9	6.4	34
68	Two-Dimensional Electronic Spectroscopy Reveals Excitation Energy-Dependent State Mixing during Singlet Fission in a Terrylenediimide Dimer. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 17907-17914	16.4	33
67	Spatially Resolved Two-Dimensional Infrared Spectroscopy via Wide-Field Microscopy. <i>ACS Photonics</i> , <b>2016</b> , 3, 1315-1323	6.3	32
66	Water Dynamics in Gyroid Phases of Self-Assembled Gemini Surfactants. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 2472-5	16.4	31
65	Dye Self-Association Identified by Intermolecular Couplings between Vibrational Modes As Revealed by Infrared Spectroscopy, and Implications for Electron Injection. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 5854-5861	3.8	30
64	Solvent-Independent Anharmonicity for Carbonyl Oscillators. <i>Journal of Physical Chemistry B</i> , <b>2017</b> , 121, 2331-2338	3.4	27
63	Amyloid $\beta$ -Sheet Secondary Structure Identified in UV-Induced Cataracts of Porcine Lenses using 2D IR Spectroscopy. <i>Journal of Molecular Biology</i> , <b>2017</b> , 429, 1705-1721	6.5	27
62	Mutational analysis of preamyloid intermediates: the role of his-tyr interactions in islet amyloid formation. <i>Biophysical Journal</i> , <b>2014</b> , 106, 1520-7	2.9	27
61	Diffusion-assisted photoexcitation transfer in coupled semiconducting carbon nanotube thin films. <i>ACS Nano</i> , <b>2014</b> , 8, 5383-94	16.7	27
60	Site-specific orientation of an $\alpha$ -helical peptide ovispirin-1 from isotope-labeled SFG spectroscopy. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 14625-34	3.4	27
59	Utilizing Lifetimes to Suppress Random Coil Features in 2D IR Spectra of Peptides. <i>Journal of Physical Chemistry Letters</i> , <b>2011</b> , 2, 2357-2361	6.4	27
58	Myeloperoxidase-mediated Methionine Oxidation Promotes an Amyloidogenic Outcome for Apolipoprotein A-I. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 10958-71	5.4	26
57	General strategy for the bioorthogonal incorporation of strongly absorbing, solvation-sensitive infrared probes into proteins. <i>Journal of Physical Chemistry B</i> , <b>2014</b> , 118, 7946-53	3.4	26

56	Impact of non-equilibrium molecular packings on singlet fission in microcrystals observed using 2D white-light microscopy. <i>Nature Chemistry</i> , <b>2020</b> , 12, 40-47	17.6	26
55	Ultrafast Exciton Hopping Observed in Bare Semiconducting Carbon Nanotube Thin Films with Two-Dimensional White-Light Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , <b>2016</b> , 7, 2024-31	6.4	25
54	Experimental implementations of 2D IR spectroscopy through a horizontal pulse shaper design and a focal plane array detector. <i>Optics Letters</i> , <b>2016</b> , 41, 524-7	3	25
53	Simplified and economical 2D IR spectrometer design using a dual acousto-optic modulator. <i>Chemical Physics</i> , <b>2013</b> , 422, 8-15	2.3	25
52	Probing the Effects of Gating on the Ion Occupancy of the K Channel Selectivity Filter Using Two-Dimensional Infrared Spectroscopy. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 8837-8845	16.4	24
51	2D IR cross peaks reveal hydrogen-deuterium exchange with single residue specificity. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 15297-305	3.4	24
50	Two-dimensional sum-frequency generation (2D SFG) spectroscopy: summary of principles and its application to amyloid fiber monolayers. <i>Faraday Discussions</i> , <b>2015</b> , 177, 493-505	3.6	23
49	Wide-field FTIR microscopy using mid-IR pulse shaping. <i>Optics Express</i> , <b>2015</b> , 23, 17815-27	3.3	22
48	2D IR spectroscopy reveals the role of water in the binding of channel-blocking drugs to the influenza M2 channel. <i>Journal of Chemical Physics</i> , <b>2014</b> , 140, 235105	3.9	22
47	Energy Transfer Between Coherently Delocalized States in Thin Films of the Explosive Pentaerythritol Tetranitrate (PETN) Revealed by Two-Dimensional Infrared Spectroscopy. <i>Journal of Physical Chemistry B</i> , <b>2017</b> , 121, 1352-1361	3.4	21
46	Site-specific detection of protein secondary structure using 2D IR dihedral indexing: a proposed assembly mechanism of oligomeric hIAPP. <i>Chemical Science</i> , <b>2018</b> , 9, 463-474	9.4	21
45	Role of Defects as Exciton Quenching Sites in Carbon Nanotube Photovoltaics. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 8310-8318	3.8	20
44	Structural Characterization of Single-Stranded DNA Monolayers Using Two-Dimensional Sum Frequency Generation Spectroscopy. <i>Journal of Physical Chemistry B</i> , <b>2015</b> , 119, 10586-96	3.4	20
43	Interpreting DNA vibrational circular dichroism spectra using a coupling model from two-dimensional infrared spectroscopy. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 24720-7	3.4	18
42	Enhancing the signal strength of surface sensitive 2D IR spectroscopy. <i>Journal of Chemical Physics</i> , <b>2019</b> , 150, 024707	3.9	17
41	Heterogeneous Amyloid Sheet Polymorphs Identified on Hydrogen Bond Promoting Surfaces Using 2D SFG Spectroscopy. <i>Journal of Physical Chemistry A</i> , <b>2018</b> , 122, 1270-1282	2.8	17
40	Shot-to-shot 2D IR spectroscopy at 100 kHz using a Yb laser and custom-designed electronics. <i>Optics Express</i> , <b>2020</b> , 28, 33584-33602	3.3	17
39	New Advances in Mid-IR Pulse Shaping and its Application to 2D IR Spectroscopy and Ground-State Coherent Control. <i>Advances in Chemical Physics</i> , <b>2009</b> , 1-28		16

38	Polarization-Controlled Two-Dimensional White-Light Spectroscopy of Semiconducting Carbon Nanotube Thin Films. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 17069-17080	3.8	15
37	Structural Polymorphs Suggest Competing Pathways for the Formation of Amyloid Fibrils That Diverge from a Common Intermediate Species. <i>Biochemistry</i> , <b>2018</b> , 57, 6470-6478	3.2	14
36	GXXXG-Mediated Parallel and Antiparallel Dimerization of Transmembrane Helices and Its Inhibition by Cholesterol: Single-Pair FRET and 2D IR Studies. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 1756-1759	16.4	13
35	Two-Dimensional White-Light Spectroscopy Using Supercontinuum from an All-Normal Dispersion Photonic Crystal Fiber Pumped by a 70 MHz Yb Fiber Oscillator. <i>Journal of Physical Chemistry A</i> , <b>2019</b> , 123, 3046-3055	2.8	13
34	Multidimensional Spectroscopy on the Microscale: Development of a Multimodal Imaging System Incorporating 2D White-Light Spectroscopy, Broadband Transient Absorption, and Atomic Force Microscopy. <i>Journal of Physical Chemistry A</i> , <b>2019</b> , 123, 10824-10836	2.8	13
33	Less severe processing improves carbon nanotube photovoltaic performance. <i>APL Materials</i> , <b>2018</b> , 6, 056104	5.7	12
32	Triplet exciton dissociation and electron extraction in graphene-templated pentacene observed with ultrafast spectroscopy. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 4809-4820	3.6	9
31	Monolayer Sensitivity Enables a 2D IR Spectroscopic Immuno-biosensor for Studying Protein Structures: Application to Amyloid Polymorphs. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 3836-3842	6.4	9
30	A Proposed Method to Obtain Surface Specificity with Pump-Probe and 2D Spectroscopies. <i>Journal of Physical Chemistry A</i> , <b>2020</b> , 124, 3471-3483	2.8	9
29	Two-dimensional infrared spectroscopy measures the structural dynamics of a self-assembled film only one molecule thick. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 4890-1	11.5	9
28	Examining Amyloid Structure and Kinetics with 1D and 2D Infrared Spectroscopy and Isotope Labeling <b>2012</b> , 217-237		7
27	IR Spectroscopy Can Reveal the Mechanism of K Transport in Ion Channels. <i>Biophysical Journal</i> , <b>2020</b> , 118, 254-261	2.9	7
26	A Different hIAPP Polymorph Is Observed in Human Serum Than in Aqueous Buffer: Demonstration of a New Method for Studying Amyloid Fibril Structure Using Infrared Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 6382-6388	6.4	7
25	Thermal Annealing of Singlet Fission Microcrystals Reveals the Benefits of Charge Transfer Couplings and Slip-Stacked Packing. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 15123-15131	3.8	6
24	Isotope-Labeled Amyloids via Synthesis, Expression, and Chemical Ligation for Use in FTIR, 2D IR, and NMR Studies. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1345, 21-41	1.4	6
23	Providing Time to Transfer: Longer Lifetimes Lead to Improved Energy Transfer in Films of Semiconducting Carbon Nanotubes. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 6016-6024	6.4	5
22	Analysis of amyloid-like secondary structure in the Cryab-R120G knock-in mouse model of hereditary cataracts by two-dimensional infrared spectroscopy. <i>PLoS ONE</i> , <b>2021</b> , 16, e0257098	3.7	5
21	A polarization scheme that resolves cross-peaks with transient absorption and eliminates diagonal peaks in 2D spectroscopy.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119,	11.5	4

20	Ultrafast Fluctuations in PM6 Domains of Binary and Ternary Organic Photovoltaic Thin Films Probed with Two-Dimensional White-Light Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 8972-8979	6.4	3
19	"New Physical Chemistry Insight" in Experimental Bio-Physical Chemistry. <i>Journal of Physical Chemistry B</i> , <b>2017</b> , 121, 6455	3.4	2
18	Structure Changes of a Membrane Polypeptide under an Applied Voltage Observed with Surface-Enhanced 2D IR Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 1786-1792	6.4	2
17	Application of 2D IR Bioimaging: Hyperspectral Images of Formalin-Fixed Pancreatic Tissues and Observation of Slow Protein Degradation. <i>Journal of Physical Chemistry B</i> , <b>2021</b> , 125, 9517-9525	3.4	2
16	GXXXG-Mediated Parallel and Antiparallel Dimerization of Transmembrane Helices and Its Inhibition by Cholesterol: Single-Pair FRET and 2D IR Studies. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 1782-1785 <sup>3.6</sup>	3.6	1
15	Counting tagged molecules one by one: Quantitative photoactivation and bleaching of photoactivatable fluorophores. <i>Journal of Chemical Physics</i> , <b>2015</b> , 143, 104201	3.9	1
14	The Periodic Table. <i>Journal of Physical Chemistry A</i> , <b>2019</b> , 123, 5837-5848	2.8	1
13	The JPC Periodic Table. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 17063-17074	3.8	1
12	The JPC Periodic Table. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 4051-4062	6.4	1
11	Confronting Racism in Chemistry Journals. <i>ACS Applied Nano Materials</i> , <b>2020</b> , 3, 6131-6133	5.6	
10	Confronting Racism in Chemistry Journals. <i>ACS Applied Polymer Materials</i> , <b>2020</b> , 2, 2496-2498	4.3	
9	Confronting Racism in Chemistry Journals. <i>Organometallics</i> , <b>2020</b> , 39, 2331-2333	3.8	
8	Update to Our Reader, Reviewer, and Author CommunitiesApril 2020. <i>Energy &amp; Fuels</i> , <b>2020</b> , 34, 5107-5108	4.1	
7	Update to Our Reader, Reviewer, and Author CommunitiesApril 2020. <i>Organometallics</i> , <b>2020</b> , 39, 1665-1666	3.6	
6	Two-dimensional infrared (2D IR) spectroscopy for elucidating ion occupancies in the selectivity filter of ion channels1. <i>Biomedical Spectroscopy and Imaging</i> , <b>2018</b> , 7, 3-15	1.3	
5	Insights into amylin aggregation by 2D IR spectroscopy. <i>Biomedical Spectroscopy and Imaging</i> , <b>2014</b> , 3, 189-196	1.3	
4	Confronting Racism in Chemistry Journals. <i>Journal of Chemical Health and Safety</i> , <b>2020</b> , 27, 198-200	1.7	
3	A Tribute to Daniel M. Neumark. <i>Journal of Physical Chemistry A</i> , <b>2021</b> , 125, 10255-10256	2.8	



- |   |  |     |
|---|--|-----|
| 2 | 50 and 100 Years Ago in The Journal of Physical Chemistry. <i>Journal of Physical Chemistry C</i> , <b>2022</b> , 126, 6093-6095 | 3.8 |
| 1 | 2D White-Light Spectroscopy: Application to Lead-Halide Perovskites with Mixed Cations. <i>ACS Symposium Series</i> , 135-151    | 0.4 |