

# Amr Tamimi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/896508/publications.pdf>

Version: 2024-02-01

20  
papers

653  
citations

567281

15  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

598  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural dynamics inside a functionalized metal-organic framework probed by ultrafast 2D IR spectroscopy. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18442-18447.	7.1	76
2	Comparisons of 2D IR measured spectral diffusion in rotating frames using pulse shaping and in the stationary frame using the standard method. Journal of Chemical Physics, 2012, 137, 184201.	3.0	60
3	Carbon dioxide in an ionic liquid: Structural and rotational dynamics. Journal of Chemical Physics, 2016, 144, 104506.	3.0	49
4	Observation and theory of reorientation-induced spectral diffusion in polarization-selective 2D IR spectroscopy. Journal of Chemical Physics, 2015, 142, 184505.	3.0	46
5	Ultrafast Structural Dynamics Inside Planar Phospholipid Multibilayer Model Cell Membranes Measured with 2D IR Spectroscopy. Journal of the American Chemical Society, 2013, 135, 11063-11074.	13.7	41
6	Dynamics in a Room-Temperature Ionic Liquid from the Cation Perspective: 2D IR Vibrational Echo Spectroscopy. Journal of the American Chemical Society, 2017, 139, 2408-2420.	13.7	41
7	Ionic Liquid Dynamics Measured with 2D IR and IR Pump-Probe Experiments on a Linear Anion and the Influence of Potassium Cations. Journal of Physical Chemistry B, 2016, 120, 5842-5854.	2.6	39
8	Molecular Anion Hydrogen Bonding Dynamics in Aqueous Solution. Journal of Physical Chemistry B, 2015, 119, 13407-13415.	2.6	36
9	Alkyl Chain Length Dependence of the Dynamics and Structure in the Ionic Regions of Room-Temperature Ionic Liquids. Journal of Physical Chemistry B, 2016, 120, 7488-7501.	2.6	36
10	Measuring local conformations and conformational disorder of (Cy3) <sub>2</sub> dimer labeled DNA fork junctions using absorbance, circular dichroism and two-dimensional fluorescence spectroscopy. Faraday Discussions, 2019, 216, 211-235.	3.2	36
11	Coupling of Carbon Dioxide Stretch and Bend Vibrations Reveals Thermal Population Dynamics in an Ionic Liquid. Journal of Physical Chemistry B, 2016, 120, 549-556.	2.6	29
12	Size-dependent ultrafast structural dynamics inside phospholipid vesicle bilayers measured with 2D IR vibrational echoes. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 918-923.	7.1	28
13	Structural and Rotational Dynamics of Carbon Dioxide in 1-Alkyl-3-methylimidazolium Bis(trifluoromethylsulfonyle)imide Ionic Liquids: The Effect of Chain Length. Journal of Physical Chemistry B, 2016, 120, 6698-6711.	2.6	27
14	Dynamics in the Interior of AOT Lamellae Investigated with Two-Dimensional Infrared Spectroscopy. Journal of the American Chemical Society, 2013, 135, 5118-5126.	13.7	26
15	Structural Dynamics at Monolayer-Liquid Interfaces Probed by 2D IR Spectroscopy. Journal of Physical Chemistry C, 2013, 117, 1409-1420.	3.1	23
16	Fluorescence-detected Fourier transform electronic spectroscopy by phase-tagged photon counting. Optics Express, 2020, 28, 25194.	3.4	19
17	The Influence of Cholesterol on Fast Dynamics Inside of Vesicle and Planar Phospholipid Bilayers Measured with 2D IR Spectroscopy. Journal of Physical Chemistry B, 2015, 119, 8852-8862.	2.6	15
18	Phase-Modulated Interferometry, Spectroscopy, and Refractometry using Entangled Photon Pairs. Advanced Quantum Technologies, 2020, 3, 1900114.	3.9	15

#	ARTICLE	IF	CITATIONS
19	Quasi-rotating frame: accurate line shape determination with increased efficiency in noncollinear 2D optical spectroscopy. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2016, 33, 1143.	2.1	11
20	Single Molecule Fluorescence Methods to Monitor Site-Specific Fluctuations of Cy3 Monomer and Dimer Labeled DNA Constructs within Macromolecular Machines. <i>Biophysical Journal</i> , 2021, 120, 184a.	0.5	0