

# Ismael AndrÃ© Heisler

## List of Publications by Year in descending order

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62  
papers

1,642  
citations

257357

24  
h-index

302012

39  
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63  
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63  
docs citations

63  
times ranked

1996  
citing authors

#	ARTICLE	IF	CITATIONS
1	Altered relaxation dynamics of excited state reactions by confinement in reverse micelles probed by ultrafast fluorescence up-conversion. <i>Chemical Society Reviews</i> , 2021, 50, 11486-11502.	18.7	6
2	Non-radiative energy transfer in aqueously dispersed polymeric nanoparticles for photovoltaic applications. <i>Synthetic Metals</i> , 2021, 275, 116740.	2.1	5
3	Exciton-Exciton Annihilation as a Probe of Exciton Diffusion in Large Porphyrin Nanorings. <i>Journal of Physical Chemistry C</i> , 2020, 124, 18416-18425.	1.5	8
4	Energy Transfer in Aqueously Dispersed Organic Semiconductor Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2020, 124, 27946-27953.	1.5	5
5	Time-Resolved Structural Dynamics of Extended $\pi$ -Electron Porphyrin Nanoring. <i>Journal of Physical Chemistry C</i> , 2019, 123, 27222-27229.	1.5	6
6	Ultrafast Light-Driven Electron Transfer in a Ru(II)tris(bipyridine)-Labeled Multiheme Cytochrome. <i>Journal of the American Chemical Society</i> , 2019, 141, 15190-15200.	6.6	28
7	Electronic Energy Transfer in a Subphthalocyanine-Zn Porphyrin Dimer Studied by Linear and Nonlinear Ultrafast Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2019, 123, 5724-5733.	1.1	18
8	One- to Two-Exciton Transitions in Perylene Bisimide Dimer Revealed by Two-Dimensional Electronic Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2019, 123, 1594-1601.	1.1	12
9	A new twist in the photophysics of the GFP chromophore: a volume-conserving molecular torsion couple. <i>Chemical Science</i> , 2018, 9, 1803-1812.	3.7	36
10	Spectral Filtering as a Tool for Two-Dimensional Spectroscopy: A Theoretical Model. <i>Journal of Physical Chemistry A</i> , 2018, 122, 6206-6213.	1.1	10
11	Resolving Vibrational from Electronic Coherences in Two-Dimensional Electronic Spectroscopy: The Role of the Laser Spectrum. <i>Physical Review Letters</i> , 2017, 118, 033001.	2.9	37
12	Ultrafast Dynamics in Light-Driven Molecular Rotary Motors Probed by Femtosecond Stimulated Raman Spectroscopy. <i>Journal of the American Chemical Society</i> , 2017, 139, 7408-7414.	6.6	75
13	Femtosecond stimulated Raman study of the photoactive flavoprotein AppABLUF. <i>Chemical Physics Letters</i> , 2017, 683, 365-369.	1.2	14
14	Raman vibrational dynamics of hydrated ions in the low-frequency spectral region. <i>Journal of Molecular Liquids</i> , 2017, 228, 45-53.	2.3	7
15	Time resolved structural dynamics of butadiyne-linked porphyrin dimers. <i>Structural Dynamics</i> , 2016, 3, 023608.	0.9	9
16	Ultrafast Isomerization Dynamics of a Unidirectional Molecular Rotor Revealed by Femtosecond Stimulated Raman Spectroscopy (FSRS). , 2016, , .		1
17	Tuning the Hydrophobic Interaction: Ultrafast Optical Kerr Effect Study of Aqueous Ionene Solutions. <i>Journal of Physical Chemistry B</i> , 2015, 119, 8900-8908.	1.2	11
18	Full Characterization of Vibrational Coherence in a Porphyrin Chromophore by Two-Dimensional Electronic Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2015, 119, 95-101.	1.1	27

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19	Two-Dimensional Electronic Spectroscopy of Chlorophyll a: Solvent Dependent Spectral Evolution. Journal of Physical Chemistry B, 2015, 119, 8623-8630.	1.2	50
20	Time-Resolved Twisting Dynamics in a Porphyrin Dimer Characterized by Two-Dimensional Electronic Spectroscopy. Journal of Physical Chemistry B, 2015, 119, 14660-14667.	1.2	26
21	Hydrated Phospholipid Surfaces Probed by Ultrafast 2D Spectroscopy of Phosphate Vibrations. Springer Proceedings in Physics, 2015, , 301-304.	0.1	0
22	Two-dimensional electronic spectroscopy based on conventional optics and fast dual chopper data acquisition. Review of Scientific Instruments, 2014, 85, 063103.	0.6	51
23	Structural Dynamics of Hydrated Phospholipid Surfaces Probed by Ultrafast 2D Spectroscopy of Phosphate Vibrations. Journal of Physical Chemistry Letters, 2014, 5, 506-511.	2.1	57
24	Ultrafast Excited State Dynamics in 9,9- $\text{Bifluorenylidene}$ . Journal of Physical Chemistry A, 2014, 118, 5961-5968.	1.1	15
25	Excited state structural dynamics in higher lying electronic states: S2 state of malachite green. Chemical Physics Letters, 2014, 607, 43-46.	1.2	10
26	Hydrated Phospholipid Surfaces Probed by Ultrafast 2D Spectroscopy of Phosphate Vibrations. , 2014, , .		0
27	$\text{N}\delta\text{-H}$ Stretching Excitations in Adenosine-Thymidine Base Pairs in Solution: Pair Geometries, Infrared Line Shapes, and Ultrafast Vibrational Dynamics. Journal of Physical Chemistry A, 2013, 117, 594-606.	1.1	43
28	Ultrafast excited state dynamics of the green fluorescent protein chromophore and its kindling fluorescent protein analogue. Faraday Discussions, 2013, 163, 277.	1.6	22
29	THz Raman spectra of aqueous solutions of hydrophiles and amphiphiles. , 2013, , .		0
30	Ultrafast ignition of a uni-directional molecular motor. EPJ Web of Conferences, 2013, 41, 05016.	0.1	0
31	Reactive Dynamics in Confined Water by Reversed Micelles. Lecture Notes in Nanoscale Science and Technology, 2013, , 265-288.	0.4	3
32	Ultrafast Energy Redistribution in Local Hydration Shells of Phospholipids: A Two-Dimensional Infrared Study. Journal of Physical Chemistry Letters, 2012, 3, 3646-3651.	2.1	38
33	Aqueous solvation of amphiphilic solutes: concentration and temperature dependent study of the ultrafast polarisability relaxation dynamics. Physical Chemistry Chemical Physics, 2012, 14, 6343.	1.3	17
34	Ultrafast reaction dynamics of auramine O in a cyclodextrin nanocavity. Journal of Molecular Liquids, 2012, 176, 17-21.	2.3	14
35	Ultrafast dynamics in the power stroke of a molecular rotary motor. Nature Chemistry, 2012, 4, 547-551.	6.6	168
36	Water Dynamics at Protein Interfaces: Ultrafast Optical Kerr Effect Study. Journal of Physical Chemistry A, 2012, 116, 2678-2685.	1.1	45

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37	Ultrafast proton transfer in the green fluorescent protein: Analysing the instantaneous emission at product state wavelengths. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 234, 21-26.	2.0	4
38	Measuring acetic acid dimer modes by ultrafast time-domain Raman spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 15573.	1.3	29
39	Hydroxide Hydrogen Bonding: Probing the Solvation Structure through Ultrafast Time Domain Raman Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 1155-1160.	2.1	10
40	Chemically Modulating the Photophysics of the GFP Chromophore. <i>Journal of Physical Chemistry B</i> , 2011, 115, 1571-1577.	1.2	55
41	Low-Frequency Modes of Aqueous Alkali Halide Solutions: An Ultrafast Optical Kerr Effect Study. <i>Journal of Physical Chemistry B</i> , 2011, 115, 1863-1873.	1.2	63
42	THz Spectra and Dynamics of Aqueous Solutions Studied by the Ultrafast Optical Kerr Effect. <i>Journal of Physical Chemistry B</i> , 2011, 115, 2563-2573.	1.2	66
43	Femtosecond third-harmonic generation in a glass ceramic containing sodium niobate nanocrystals. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2011, 28, 1077.	0.9	4
44	Low-frequency modes of the benzoic acid dimer in chloroform observed by the optical Kerr effect. <i>Journal of Chemical Physics</i> , 2011, 135, 134504.	1.2	5
45	Low-frequency isotropic and anisotropic Raman spectra of aromatic liquids. <i>Journal of Chemical Physics</i> , 2010, 132, 174503.	1.2	17
46	Reactive Dynamics in Micelles: Auramine O in Solution and Adsorbed on Regular Micelles. <i>Journal of Physical Chemistry B</i> , 2010, 114, 12859-12865.	1.2	39
47	Ultrafast Dynamics of Protein Proton Transfer on Short Hydrogen Bond Potential Energy Surfaces: S65T/H148D GFP.. <i>Journal of the American Chemical Society</i> , 2010, 132, 1452-1453.	6.6	42
48	Ultrafast Dynamics and Hydrogen-Bond Structure in Aqueous Solutions of Model Peptides. <i>Journal of Physical Chemistry B</i> , 2010, 114, 10684-10691.	1.2	64
49	Low-Frequency Modes of Aqueous Alkali Halide Solutions: Glimpsing the Hydrogen Bonding Vibration. <i>Science</i> , 2010, 327, 857-860.	6.0	135
50	Ultrafast Proton Transfer in Fluorescent and Photochromic Proteins. , 2010, , .		0
51	Ultrafast Polarized Raman as a Probe of Solvation Shell Structure and Dynamics in Aqueous Salt Solutions. , 2010, , .		0
52	Reactive Dynamics in Confined Liquids: Ultrafast Torsional Dynamics of Auramine O in Nanoconfined Water in Aerosol OT Reverse Micelles. <i>Journal of Physical Chemistry B</i> , 2009, 113, 1623-1631.	1.2	69
53	Reactive Dynamics in Confined Liquids: Interfacial Charge Effects on Ultrafast Torsional Dynamics in Water Nanodroplets. <i>Journal of Physical Chemistry B</i> , 2009, 113, 1632-1639.	1.2	34
54	Reactive Dynamics in Nanoscale Water droplets Confined in Inverse Micelles. <i>Springer Series in Chemical Physics</i> , 2009, , 313-315.	0.2	0

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55	Polarization-Resolved Ultrafast Polarizability Relaxation in Polar Aromatic Liquids. Journal of Physical Chemistry B, 2008, 112, 12976-12984.	1.2	20
56	Spectrally resolved femtosecond Maker fringes technique. Applied Physics Letters, 2008, 92, 091109.	1.5	9
57	Molecular dynamics investigation with the time resolved optical Kerr effect on the CS <sub>2</sub> -C <sub>6</sub> H <sub>6</sub> mixtures. Journal of Chemical Physics, 2006, 125, 184503.	1.2	2
58	Time-resolved optical Kerr-effect investigation on CS <sub>2</sub> /polystyrene mixtures. Journal of Chemical Physics, 2005, 123, 054509.	1.2	28
59	Characterization of ultrashort pulses by a modified grating-eliminated no-nonsense observation of ultrafast incident laser light E fields (GRENOUILLE) method. Applied Optics, 2005, 44, 3377.	2.1	5
60	Experimental investigation of partial synchronization in coupled chaotic oscillators. Chaos, 2003, 13, 185-194.	1.0	38
61	A comparative investigation of controlling chaos in a Rössler system. Physica A: Statistical Mechanics and Its Applications, 2000, 283, 136-139.	1.2	5
62	Ultrafast reaction dynamics in nanoscale water droplets confined by ionic surfactants. Faraday Discussions, 0, 145, 185-203.	1.6	25