Asier Longarte

List of Publications by Year
in descending order

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52	1,305	430754	360920
papers	citations	18 h-index	35 g-index

52	52	52	1010
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Revisiting the Spectroscopy of Water Dimer in Jets. Journal of Physical Chemistry Letters, 2021, 12, 1316-1320.	2.1	7
2	Viewpoint Regarding â€œSinglet Fission Mediated Photophysics of BODIPY Dimersâ€• Journal of Physical Chemistry Letters, 2021, 12, 7439-7441.	2.1	7
3	An nÏ€* gated decay mediates excited-state lifetimes of isolated azaindoles. Physical Chemistry Chemical Physics, 2020, 22, 18639-18645.	1.3	3
4	Dynamics of Pyrroles Excited to the 3s/Ï€Ïƒ* State. Journal of Physical Chemistry A, 2019, 123, 8982-8993.	1.1	7
5	Excited state dynamics of aniline homoclusters. Physical Chemistry Chemical Physics, 2019, 21, 3098-3105.	1.3	5
6	Photophysical characterization of new and efficient synthetic sunscreens. Physical Chemistry Chemical Physics, 2019, 21, 11376-11384.	1.3	18
7	Singlet Fission Mediated Photophysics of BODIPY Dimers. Journal of Physical Chemistry Letters, 2018, 9, 641-646.	2.1	42
8	Femtosecond Excited State Dynamics of Size Selected Neutral Molecular Clusters. Journal of Physical Chemistry Letters, 2016, 7, 2797-2802.	2.1	10
9	On the ultrashort lifetime of electronically excited thiophenol. Chemical Physics Letters, 2016, 661, 206-209.	1.2	15
10	Triplet Mediated Câ€“N Dissociation versus Internal Conversion in Electronically Excited N-Methylpyrrole. Journal of Physical Chemistry Letters, 2016, 7, 1231-1237.	2.1	14
11	Influence of dispersive forces on the final shape of a reverse micelle. Physical Chemistry Chemical Physics, 2015, 17, 2241-2245.	1.3	13
12	Tracking the Relaxation of 2,5-Dimethylpyrrole by Femtosecond Time-Resolved Photoelectron and Photoion Detection. Journal of Physical Chemistry A, 2015, 119, 3355-3365.	1.1	10
13	Revisiting the relaxation dynamics of isolated pyrrole. Journal of Chemical Physics, 2014, 141, 014303.	1.2	21
14	IR mass-resolved spectroscopy of complexes without chromophore: CyclohexanolÂ·(H2O)n, n = 1â€“3 and cyclohexanol dimer. Journal of Chemical Physics, 2013, 139, 174312.	1.2	15
15	Ultrafast dynamics of the ns (n = 3,4) and 3d Rydberg states of O2. Physical Chemistry Chemical Physics, 2013, 15, 4914.	1.3	3
16	Ultrafast Nonradiative Relaxation Channels of Tryptophan. Journal of Physical Chemistry Letters, 2013, 4, 1928-1932.	2.1	17
17	Femtosecond evolution of the pyrrole molecule excited in the near part of its UV spectrum. Journal of Chemical Physics, 2012, 137, 064317.	1.2	39
18	Mass-Resolved Infrared Spectroscopy of Complexes without Chromophore by Nonresonant Femtosecond Ionization Detection. Journal of Physical Chemistry A, 2012, 116, 6798-6803.	1.1	19

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19	Ultrafast Photophysics of the Isolated Indole Molecule. Journal of Physical Chemistry A, 2012, 116, 2698-2703.	1.1	35
20	Ultrafast Evolution of Imidazole after Electronic Excitation. Journal of Physical Chemistry A, 2012, 116, 10752-10758.	1.1	14
21	Influence of solvation on the indole photophysics: Ultrafast dynamics of indoleâ€“water clusters. Chemical Physics Letters, 2012, 530, 25-30.	1.2	12
22	Ultrafast dynamics of aniline in the 294-234 nm excitation range: The role of the Ï€Ïƒ* state. Journal of Chemical Physics, 2011, 135, 054308.	1.2	54
23	Coherent Excitation and Relaxation of the Coupled S₁/S₂ Electronic States of Naphthalene. ChemPhysChem, 2010, 11, 3420-3423.	1.0	10
24	Time-dependent fundamental processes following ns pulsed laser absorption by metallic targets. Chemical Physics Letters, 2010, 486, 60-64.	1.2	4
25	Femtosecond time-resolved photophysics and photodissociation dynamics of 1-iodonaphthalene. Physical Chemistry Chemical Physics, 2010, 12, 7988.	1.3	4
26	Photophysics of 1-Aminonaphthalene: A Theoretical and Time-Resolved Experimental Study. Journal of Physical Chemistry A, 2009, 113, 13509-13518.	1.1	14
27	A time resolved study of S1/S2 electronic coupling in naphthalene. Chemical Physics Letters, 2009, 468, 134-137.	1.2	12
28	Relaxation Dynamics of Naphthalene and 1-Aminonaphthalene in Superexcited States. Journal of Physical Chemistry A, 2009, 113, 952-958.	1.1	12
29	Ion Kinetic Energy Distributions and Mechanisms of Pulsed Laser Ablation on Al. Journal of Physical Chemistry C, 2008, 112, 16556-16560.	1.5	20
30	ZEKE-PFI Spectroscopy of Benzocaine. Journal of Physical Chemistry A, 2006, 110, 6010-6015.	1.1	9
31	A REMPI and ZEKE-PFI study of 4-amino-3-ethylbenzonitrile. Chemical Physics Letters, 2006, 425, 35-39.	1.2	1
32	IR/UV and UV/UV double-resonance study of guaiacol and eugenol dimers. Journal of Chemical Physics, 2005, 122, 164304.	1.2	32
33	Infrared-induced conformational isomerization and vibrational relaxation dynamics in melatonin and 5-methoxy-N-acetyl tryptophan methyl amide. Journal of Chemical Physics, 2004, 120, 9033-9046.	1.2	35
34	Experimental and theoretical study of the structures and binding energies of eugenol (H[sub 2]O)[sub n], n=0â€“2. Journal of Chemical Physics, 2004, 121, 209.	1.2	15
35	The dynamics of conformational isomerization in flexible biomolecules. I. Hole-filling spectroscopy of N-acetyl tryptophan methyl amide and N-acetyl tryptophan amide. Journal of Chemical Physics, 2004, 120, 133-147.	1.2	84
36	Spectroscopic Consequences of Localized Electronic Excitation in Anthranilic Acid Dimer. Journal of Physical Chemistry A, 2004, 108, 4599-4609.	1.1	38

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37	Hydride stretch infrared spectra in the excited electronic states of indole and its derivatives: Direct evidence for the [sup 1]Ï€Ï*f* [sup â^—] state. Journal of Chemical Physics, 2003, 118, 2696.	1.2	90
38	Electronic and Infrared Spectroscopy of Anthranilic Acid in a Supersonic Jet. Journal of Physical Chemistry A, 2003, 107, 4032-4040.	1.1	93
39	Influence of the aliphatic chain on the (hydrogen-bonded) p-aminobenzonitrile complexes with methanol and ethanol. Journal of Chemical Physics, 2003, 119, 9513-9522.	1.2	11
40	Conformational Dynamics in a Dipeptide After Single-Mode Vibrational Excitation. Science, 2002, 296, 2369-2373.	6.0	182
41	Structure and identification of the amino-p-phenethylamine conformers. Physical Chemistry Chemical Physics, 2002, 4, 3297-3304.	1.3	8
42	The infrared and ultraviolet spectra of single conformations of methyl-capped dipeptides: N-acetyl tryptophan amide and N-acetyl tryptophan methyl amide. Journal of Chemical Physics, 2002, 117, 10688-10702.	1.2	122
43	S0, S1, and Ion I0 Binding Energies of the p-Methoxyphenethylamine(H2O)1-4 Complexes. Journal of Physical Chemistry A, 2001, 105, 961-968.	1.1	18
44	A Computational Study of the Structures of thep-Methoxyphenethylamine(H2O)2-4Complexes. Journal of Physical Chemistry A, 2001, 105, 11524-11530.	1.1	2
45	Binding energy and structure of the ground, first electronic and ion states of p-methoxyphenethylamine(H2O)1 isomers: a combined experimental and theoretical study. Chemical Physics, 2001, 271, 55-69.	0.9	11
46	Experimental determination of phenol (CH3F)1 complex binding energies in the S0, S1, and I0 states and comparison with ab initio calculations. Journal of Chemical Physics, 2001, 115, 270-276.	1.2	10
47	Structure and ground and first electronic excited state vibrational modes of the ethyl-p-aminobenzoate conformers. Chemical Physics, 2000, 260, 83-93.	0.9	13
48	Isomer structures and vibrational assignment of the methyl-p-aminobenzoate(H2O)1 complex. Journal of Chemical Physics, 2000, 112, 3170-3180.	1.2	22
49	Experimental and theoretical study of methyl-p-aminobenzoate/ammonia complexes. II. MAB(NH3)2â€“4. Journal of Chemical Physics, 2000, 113, 8549-8555.	1.2	5
50	A theoretical and experimental study of the ethyl-p-aminobenzoate (H2O)n (n=1â€“4) complexes. Journal of Chemical Physics, 2000, 113, 8531-8540.	1.2	12
51	Laser mass-resolved spectroscopy and theoretical study of methyl-p-aminobenzoate(H2O)n (n=2,3,4) complexes. Journal of Chemical Physics, 2000, 113, 5804-5811.	1.2	6
52	Structural and Vibrational Assignment of p-Methoxyphenethylamine Conformers. Journal of Physical Chemistry A, 2000, 104, 4364-4373.	1.1	30