

# Jorge Peon

## List of Publications by Year in descending order

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64  
papers

3,818  
citations

186265  
28  
h-index

123424  
61  
g-index

66  
all docs

66  
docs citations

66  
times ranked

3271  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and theoretical study of novel aminobenzamideâ€“aminonaphthalimide fluorescent dyads with a FRET mechanism. RSC Advances, 2022, 12, 6192-6204.	3.6	6
2	Sensitization of Nd <sup>3+</sup> Luminescence by Simultaneous Two-Photon Excitation through a Coordinating Polymethinic Antenna. Journal of Physical Chemistry A, 2022, 126, 2498-2510.	2.5	5
3	Time-resolved fluorescence and anisotropy studies of red pigments present in acrylic formulations. Journal of Luminescence, 2022, , 118913.	3.1	0
4	Two-photon induced isomerization through a cyaninic molecular antenna in azo compounds. Chemical Communications, 2021, 57, 3123-3126.	4.1	5
5	Excited state dynamics and photochemistry of nitroaromatic compounds. Chemical Communications, 2021, 57, 12218-12235.	4.1	24
6	Synthesis and Photodynamics of Stilbenylâ€“Azopyrroles: Twoâ€“Photon Controllable Photoswitching Systems. ChemPhotoChem, 2020, 4, 144-154.	3.0	15
7	Ultrafast Fluorescence Signals from Î²-Dihydronicotinamide Adenine Dinucleotide: Resonant Energy Transfer in the Folded and Unfolded Forms. Journal of Physical Chemistry B, 2020, 124, 519-530.	2.6	11
8	Physicochemical and computational insight of <sup>19</sup> F NMR and emission properties of <i>meso</i> -( <i>o</i> -aryl)-BODIPYs. New Journal of Chemistry, 2020, 44, 19459-19471.	2.8	9
9	Bisindole caulerpin analogues as nature-inspired photoresponsive molecules. Journal of Materials Chemistry C, 2020, 8, 6680-6688.	5.5	1
10	Fluorescence of serotonin in the visible spectrum upon multiphotonic photoconversion. Biomedical Optics Express, 2020, 11, 1432.	2.9	14
11	Ultrafast Photoluminescence Quenching of Initially Excited States in CdSe Quantum Dots Functionalized with a Charge Acceptor Dye. Journal of Physical Chemistry C, 2019, 123, 22519-22528.	3.1	2
12	Origin of the Photoinduced Geometrical Change of Copper(I) Complexes from the Quantum Chemical Topology View. Chemistry - A European Journal, 2019, 25, 775-784.	3.3	10
13	Frontispiece: Origin of the Photoinduced Geometrical Change of Copper(I) Complexes from the Quantum Chemical Topology View. Chemistry - A European Journal, 2019, 25, .	3.3	0
14	Bichromophoric Sensors for Ratiometric Measurements of Molecular Microenvironments through the Interplay of Charge Transfer and Energy Transfer Channels. ChemPlusChem, 2018, 83, 1097-1108.	2.8	3
15	Ultrafast Photoluminescence Kinetics from Hot Excitonic States in CdSe Nanocrystals. Journal of Physical Chemistry C, 2018, 122, 26698-26706.	3.1	6
16	Evolution of electron density towards the conical intersection of a nucleic acid purine. Chemical Physics Letters, 2017, 683, 425-430.	2.6	7
17	Nitrated Fluorophore Formation upon Two-Photon Excitation of an Azide with Extended Conjugation. Journal of Physical Chemistry B, 2017, 121, 9910-9919.	2.6	9
18	Fluorophore Release from a Polymethinic Photoremovable Protecting Group Through a Nonlinear Optical Process. ChemPhotoChem, 2017, 1, 377-377.	3.0	0

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19	Fluorophore Release from a Polymethinic Photoremovable Protecting Group Through a Nonlinear Optical Process. <i>ChemPhotoChem</i> , 2017, 1, 397-407.	3.0	12
20	Transient IR Spectroscopic Observation of Singlet and Triplet States of 2-Nitrofluorene: Revisiting the Photophysics of Nitroaromatics. <i>Journal of Physical Chemistry A</i> , 2016, 120, 28-35.	2.5	20
21	Ultrafast excited state hydrogen atom transfer in salicylideneaniline driven by changes in aromaticity. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 31608-31612.	2.8	53
22	Ultrafast fluorescence study of the effect of carboxylic and carboxylate substituents on the excited state properties of anthracene. <i>Journal of Luminescence</i> , 2014, 145, 697-707.	3.1	9
23	The Influence of Push/Pull States on the Ultrafast Intersystem Crossing in Nitroaromatics. <i>Journal of Physical Chemistry B</i> , 2013, 117, 9947-9955.	2.6	42
24	Dynamics of the Formation of a Charge Transfer State in 1,2-Bis(9-anthryl)acetylene in Polar Solvents: Symmetry Reduction with the Participation of an Intramolecular Torsional Coordinate. <i>Journal of Physical Chemistry B</i> , 2013, 117, 12175-12183.	2.6	31
25	Dynamics of the Higher Lying Excited States of Cyanine Dyes. An Ultrafast Fluorescence Study. <i>Journal of Physical Chemistry B</i> , 2013, 117, 7352-7362.	2.6	33
26	Ultrafast Excited State Dynamics of Allopurinol, a Modified DNA Base. <i>Journal of Physical Chemistry A</i> , 2013, 117, 898-904.	2.5	6
27	Theoretical study of the absorption and nonradiative deactivation of 1-nitronaphthalene in the low-lying singlet and triplet excited states including methanol and ethanol solvent effects. <i>Journal of Chemical Physics</i> , 2012, 137, 054307.	3.0	35
28	Photophysics of a Cis Axially Disubstituted Macrocyclic: Rapid Intersystem Crossing in a Tin(IV) Phthalocyanine with a Half-Domed Geometry. <i>Journal of Physical Chemistry B</i> , 2012, 116, 14107-14114.	2.6	4
29	Photoinduced Energy Transfer in Bichromophoric Pyrene-PPV Oligomer Systems: The Role of Flexible Donor-Acceptor Bridges. <i>Journal of Physical Chemistry B</i> , 2012, 116, 3490-3503.	2.6	9
30	On the Accessibility to Conical Intersections in Purines: Hypoxanthine and its Singly Protonated and Deprotonated Forms. <i>Journal of the American Chemical Society</i> , 2012, 134, 7820-7829.	13.7	35
31	Ultrafast Photosensitization of Phthalocyanines through Their Axial Ligands. <i>Journal of the American Chemical Society</i> , 2011, 133, 4698-4701.	13.7	30
32	Primary Photochemistry of Nitrated Aromatic Compounds: Excited-State Dynamics and NO <sup>•</sup> Dissociation from 9-Nitroanthracene. <i>Journal of Physical Chemistry A</i> , 2011, 115, 577-585.	2.5	58
33	Role of Upper Triplet States on the Photophysics of Nitrated Polyaromatic Compounds: S <sub>1</sub> Lifetimes of Singly Nitrated Pyrenes. <i>Journal of Physical Chemistry A</i> , 2011, 115, 9782-9789.	2.5	55
34	Excited-State Dynamics and Two-Photon Absorption Cross Sections of Fluorescent Diphenyl-Tin(IV) Derivatives with Schiff Bases: A Comparative Study of the Effect of Chelation from the Ultrafast to the Steady-State Time Scale. <i>Journal of Physical Chemistry A</i> , 2010, 114, 704-714.	2.5	42
35	Relaxation in the Triplet Manifold of 1-Nitronaphthalene Observed by Transient Absorption Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2009, 113, 805-810.	2.5	67
36	Rotational Diffusion of Dihydroxy Coumarins: Effect of OH Groups and Their Relative Position on Solute-Solvent Interactions. <i>Journal of Physical Chemistry B</i> , 2009, 113, 8599-8606.	2.6	6

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37	Excited-State Dynamics of Nitrated Push-Pull Molecules: The Importance of the Relative Energy of the Singlet and Triplet Manifolds. <i>Journal of Physical Chemistry A</i> , 2009, 113, 13498-13508.	2.5	55
38	Synthesis and third-order nonlinear optical studies of a novel four-coordinated organoboron derivative and a bidentate ligand. <i>Synthetic Metals</i> , 2009, 159, 1281-1287.	3.9	23
39	Unraveling the mechanisms of tryptophan fluorescence quenching in the triosephosphate isomerase from <i>Giardia lamblia</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008, 1784, 1493-1500.	2.3	10
40	Two-dimensional chiral segregation of the bent hard needles model with Lennard-Jones sites. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2008, 387, 145-158.	2.6	7
41	Polypeptides with pendant porphyrins of defined sequence of chromophores: towards artificial photosynthetic systems. <i>Journal of Porphyrins and Phthalocyanines</i> , 2008, 12, 1232-1241.	0.8	14
42	Ultrafast Intersystem Crossing in 1-Nitronaphthalene. An Experimental and Computational Study. <i>Journal of Physical Chemistry A</i> , 2008, 112, 358-365.	2.5	105
43	Disulfide Bridges in the Mesophilic Triosephosphate Isomerase from <i>Giardia lamblia</i> Are Related to Oligomerization and Activity. <i>Journal of Molecular Biology</i> , 2007, 365, 752-763.	4.2	30
44	Excited State Intramolecular Proton Transfer in Schiff Bases. Decay of the Locally Excited Enol State Observed by Femtosecond Resolved Fluorescence. <i>Journal of Physical Chemistry A</i> , 2007, 111, 6241-6247.	2.5	112
45	Singlet Excited-State Dynamics of Nitropolycyclic Aromatic Hydrocarbons: Direct Measurements by Femtosecond Fluorescence Up-Conversion. <i>Journal of Physical Chemistry A</i> , 2007, 111, 552-557.	2.5	86
46	Two-dimensional chiral model for liquid crystals, bent hard needles: A Monte Carlo simulation. <i>Journal of Chemical Physics</i> , 2006, 125, 104908.	3.0	23
47	Two-dimensional model for mixtures of enantiomers, bent hard needles: a Monte Carlo simulation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2005, 345, 130-142.	2.6	19
48	An unusual triosephosphate isomerase from the early divergent eukaryote <i>Giardia lamblia</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2004, 55, 824-834.	2.6	23
49	Femtosecond electron ejection in liquid acetonitrile: Evidence for cavity electrons and solvent anions. <i>Journal of Chemical Physics</i> , 2002, 117, 8855-8866.	3.0	55
50	Hydration at the surface of the protein Monellin: Dynamics with femtosecond resolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 10964-10969.	7.1	151
51	Biological water at the protein surface: Dynamical solvation probed directly with femtosecond resolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 1763-1768.	7.1	528
52	Solvent Reorganization Controls the Rate of Proton Transfer from Neat Alcohol Solvents to Singlet Diphenylcarbene. <i>Journal of the American Chemical Society</i> , 2002, 124, 6428-6438.	13.7	71
53	Biological Water: Femtosecond Dynamics of Macromolecular Hydration. <i>Journal of Physical Chemistry B</i> , 2002, 106, 12376-12395.	2.6	468
54	Near-Threshold Photoionization Dynamics of Indole in Water. <i>ACS Symposium Series</i> , 2002, , 122-135.	0.5	1

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55	Nonlinear partial differential equations and applications: Ultrafast surface hydration dynamics and expression of protein functionality: $\hat{A}$ -Chymotrypsin. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15297-15302.	7.1	111
56	Ultrafast decay and hydration dynamics of DNA bases and mimics. Chemical Physics Letters, 2002, 363, 57-63.	2.6	59
57	DNA Excited-State Dynamics: $\hat{A}$ Ultrafast Internal Conversion and Vibrational Cooling in a Series of Nucleosides. Journal of the American Chemical Society, 2001, 123, 10370-10378.	13.7	389
58	Excited State Dynamics of Methyl Viologen. Ultrafast Photoreduction in Methanol and Fluorescence in Acetonitrile. Journal of Physical Chemistry A, 2001, 105, 5768-5777.	2.5	119
59	DNA/RNA nucleotides and nucleosides: direct measurement of excited-state lifetimes by femtosecond fluorescence up-conversion. Chemical Physics Letters, 2001, 348, 255-262.	2.6	259
60	Ultrafast Carbonylcarbene Formation and Spin-Equilibration. Journal of the American Chemical Society, 2000, 122, 8087-8088.	13.7	18
61	Ultrafast Internal Conversion of Electronically Excited RNA and DNA Nucleosides in Water. Journal of the American Chemical Society, 2000, 122, 9348-9349.	13.7	265
62	Ultrafast Photoionization Dynamics of Indole in Water. Journal of Physical Chemistry A, 1999, 103, 2460-2466.	2.5	106
63	Aromatic solute photoionization studied by femtosecond transient absorption spectroscopy. Springer Series in Chemical Physics, 1998, , 606-608.	0.2	0
64	Clay-mediated cyclooligomerization of olefin oxides: a one-pot route to crown ethers. Journal of Molecular Catalysis A, 1995, 104, L5-L7.	4.8	20