

Iván Bravo

List of Publications by Year in descending order

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papers

1,229
citations

394421
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67
docs citations

67
times ranked

1437
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Quantum Dot-Based pH Probe for Long-Term Fluorescence Lifetime Imaging Microscopy Experiments in Living Cells. ACS Applied Materials & Interfaces, 2022, 14, 2578-2586.	8.0	13
2	Synthesis of High Molecular Weight Stereo-Di-Block Copolymers Driven by a Co-Initiator Free Catalyst. Polymers, 2022, 14, 232.	4.5	3
3	Intramolecular charge transfer and molecular flexibility: Key parameters to be considered in the design of highly fluorescent p-phenylene vinylene derivatives. Dyes and Pigments, 2022, 199, 110105.	3.7	5
4	Characterization of Tuna Gelatin-Based Hydrogels as a Matrix for Drug Delivery. Gels, 2022, 8, 237.	4.5	14
5	Shedding light on the binding mechanism of kinase inhibitors BI-2536, Volasetib and Ro-3280 with their pharmacological target PLK1. Journal of Photochemistry and Photobiology B: Biology, 2022, 232, 112477.	3.8	5
6	Multifunctional PLA/Gelatin Bionanocomposites for Tailored Drug Delivery Systems. Pharmaceutics, 2022, 14, 1138.	4.5	7
7	Polyester Polymeric Nanoparticles as Platforms in the Development of Novel Nanomedicines for Cancer Treatment. Cancers, 2021, 13, 3387.	3.7	24
8	Novel Fluorescence Guanidine Molecules for Selective Sulfate Anion Detection in Water Complex Samples over a Wide pH Range. ACS Sensors, 2021, 6, 3224-3233.	7.8	10
9	Mithramycin delivery systems to develop effective therapies in sarcomas. Journal of Nanobiotechnology, 2021, 19, 267.	9.1	11
10	New titanocene derivative with improved stability and binding ability to albumin exhibits high anticancer activity. Journal of Inorganic Biochemistry, 2021, 223, 111562.	3.5	5
11	Vitamin E Delivery Systems Increase Resistance to Oxidative Stress in Red Deer Sperm Cells: Hydrogel and Nanoemulsion Carriers. Antioxidants, 2021, 10, 1780.	5.1	11
12	Controlled Delivery of BET-PROTACs: In Vitro Evaluation of MZ1-Loaded Polymeric Antibody Conjugated Nanoparticles in Breast Cancer. Pharmaceutics, 2020, 12, 986.	4.5	41
13	An Overview of Antibody Conjugated Polymeric Nanoparticles for Breast Cancer Therapy. Pharmaceutics, 2020, 12, 802.	4.5	62
14	Antibody Conjugation of Nanoparticles as Therapeutics for Breast Cancer Treatment. International Journal of Molecular Sciences, 2020, 21, 6018.	4.1	52
15	Functionalized CdSe/ZnS Quantum Dots for Intracellular pH Measurements by Fluorescence Lifetime Imaging Microscopy. ACS Sensors, 2020, 5, 2106-2117.	7.8	21
16	The role of water and influence of hydrogen bonding on the self-assembly aggregation induced emission of an anthracene-guanidine-derivative. Chemical Communications, 2020, 56, 4102-4105.	4.1	19
17	PEI-coated PLA nanoparticles to enhance the antimicrobial activity of carvacrol. Food Chemistry, 2020, 328, 127131.	8.2	46
18	Screening and Preliminary Biochemical and Biological Studies of [RuCl(<i>p</i> -cymene)(<i>N</i> -bis(diphenylphosphino)-isopropylamine)][BF ₄] in Breast Cancer Models. ACS Omega, 2019, 4, 13005-13014.	3.5	7

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19	Tropospheric fate of allyl cyanide (CH ₂ CHCH ₂ CN): Kinetics, reaction products and secondary organic aerosol formation. <i>Atmospheric Environment</i> , 2019, 219, 117041.	4.1	7
20	Poly(Cyclohexene Phthalate) Nanoparticles for Controlled Dasatinib Delivery in Breast Cancer Therapy. <i>Nanomaterials</i> , 2019, 9, 1208.	4.1	24
21	Infrared absorption cross-sections in HITRAN2016 and beyond: Expansion for climate, environment, and atmospheric applications. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2019, 230, 172-221.	2.3	41
22	REPRINT OF: Infrared absorption cross-sections in HITRAN2016 and beyond: Expansion for climate, environment, and atmospheric applications. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2019, 238, 106708.	2.3	3
23	Trastuzumab-Targeted Biodegradable Nanoparticles for Enhanced Delivery of Dasatinib in HER2+ Metastatic Breast Cancer. <i>Nanomaterials</i> , 2019, 9, 1793.	4.1	40
24	Atmospheric sink of styrene, <i>trans</i> -1-methylstyrene, <i>trans</i> -2-methylstyrene and indene: Rate constants and mechanisms of Cl atom-initiated degradation. <i>Atmospheric Environment</i> , 2019, 200, 78-89.	4.1	8
25	Assessment of doxorubicin delivery devices based on tailored bare polycaprolactone against glioblastoma. <i>International Journal of Pharmaceutics</i> , 2019, 558, 110-119.	5.2	19
26	Guanidine Substitutions in Naphthyl Systems to Allow a Controlled Excited-State Intermolecular Proton Transfer: Tuning Photophysical Properties in Aqueous Solution. <i>Journal of Physical Chemistry C</i> , 2018, 122, 9363-9373.	3.1	13
27	pH-Controlled Self-Assembly of X-Shaped Conjugated Molecules: The Case of 1,2,4,5-Tetrastrylbenzene. <i>Journal of Physical Chemistry C</i> , 2018, 122, 19937-19945.	3.1	6
28	Effect of the Aggregation on the Photophysical Properties of a Blue-Emitting Star-Shaped Molecule Based on 1,3,5-Tristyrylbenzene. <i>Journal of Physical Chemistry C</i> , 2017, 121, 4720-4733.	3.1	21
29	Binding of the anticancer drug BI-2536 to human serum albumin. A spectroscopic and theoretical study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 172, 77-87.	3.8	8
30	Synthesis, characterization, DNA interactions and antiproliferative activity on glioblastoma of iminopyridine platinum(II) chelate complexes. <i>Journal of Inorganic Biochemistry</i> , 2017, 168, 46-54.	3.5	9
31	Atmospheric Chemistry of <i>trans</i> -E- and <i>trans</i> -Z-CH ₃ -CF ₃ -CH=CH ₂ (HFO-1234ze): OH Reaction Kinetics as a Function of Temperature and UV and IR Absorption Cross Sections. <i>Journal of Physical Chemistry A</i> , 2017, 121, 8322-8331.	2.5	18
32	Study on the pH Dependence of the Photophysical Properties of a Functionalized Perylene Bisimide and Its Potential Applications as a Fluorescence Lifetime Based pH Probe. <i>Journal of Physical Chemistry C</i> , 2017, 121, 24786-24797.	3.1	19
33	The environmental impact of unsaturated fluoroesters: atmospheric chemistry towards OH radicals and Cl atoms, radiative behavior and cumulative ozone creation. <i>RSC Advances</i> , 2016, 6, 21833-21843.	3.6	11
34	pH-Sensitive Fluorescence Lifetime Molecular Probes Based on Functionalized Tristyrylbenzene. <i>Journal of Physical Chemistry C</i> , 2016, 120, 18771-18779.	3.1	17
35	Tris(pentafluorophenyl)borane as an efficient catalyst in the guanylation reaction of amines. <i>Dalton Transactions</i> , 2016, 45, 10717-10729.	3.3	14
36	Phenyl-guanidine derivatives as potential therapeutic agents for glioblastoma multiforme: catalytic syntheses, cytotoxic effects and DNA affinity. <i>RSC Advances</i> , 2016, 6, 8267-8276.	3.6	9

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37	Submicron particle concentration and particle size distribution at urban and rural areas in the surroundings of building materials industries in central Spain. <i>Atmospheric Pollution Research</i> , 2015, 6, 521-528.	3.8	6
38	Spectroscopic study on binding of gentisic acid to bovine serum albumin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 26-33.	3.9	18
39	Photolysis study of fluorinated ketones under natural sunlight conditions. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 22991-22998.	2.8	10
40	Kinetic study of the gas-phase reactions of hydroxyl radicals and chlorine atoms with cis-3-hexenylformate. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 2881-2890.	3.5	4
41	Toward the Prediction of Activity in the Ethylene Polymerisation of ansa-Bis(indenyl) Zirconocenes: Effect of the Stereochemistry and Hydrogenation of the Indenyl Moiety. <i>ChemPlusChem</i> , 2015, 80, 963-972.	2.8	3
42	Air pollution in the plateau of the Iberian Peninsula. <i>Atmospheric Research</i> , 2014, 145-146, 92-104.	4.1	16
43	Atmospheric chemistry of HFE-7300 and HFE-7500: Temperature dependent kinetics, atmospheric lifetimes, infrared spectra and global warming potentials. <i>Atmospheric Environment</i> , 2014, 96, 145-153.	4.1	18
44	Mechanistic and Kinetic Study on the Reactions of Coumaric Acids with Reactive Oxygen Species: A DFT Approach. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 9705-9710.	5.2	22
45	Neumonitis intersticial linfoidea en niños infectados por el virus de inmunodeficiencia humana-1 en zona de alta prevalencia de tuberculosis pulmonar. <i>Infectio</i> , 2014, 18, 22-27.	0.4	0
46	Partitioning, sources and variability of regional and local oxidant ($OX = O_3 + NO_2$) in a coastal rural area in the southwest of Iberian Peninsula. <i>Environmental Science and Pollution Research</i> , 2013, 20, 6059-6069.	5.3	6
47	Behaviour and variability of local and regional oxidant levels ($OX = O_3 + NO_2$) measured in a polluted area in central-southern of Iberian Peninsula. <i>Environmental Science and Pollution Research</i> , 2013, 20, 188-200.	5.3	28
48	Variability of oxidants ($OX = O_3 + NO_2$), and preliminary study on ambient levels of ultrafine particles and VOCs, in an important ecological area in Spain. <i>Atmospheric Research</i> , 2013, 128, 35-45.	4.1	23
49	Atmospheric Chemistry and Environmental Assessment of Inhalational Fluorene. <i>ChemPhysChem</i> , 2013, 14, 3834-3842.	2.1	7
50	The role of tropospheric ice surfaces in the elimination of the CFC substitute, trifluoroethanol. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 4425.	2.8	5
51	Uptake of partially fluorinated alcohols on atmospheric ice surfaces. <i>Atmospheric Environment</i> , 2012, 46, 76-81.	4.1	4
52	Analysis of NO, NO ₂ , NO _x , O ₃ and oxidant ($OX = O_3 + NO_2$) levels measured in a metropolitan area in the southwest of Iberian Peninsula. <i>Atmospheric Research</i> , 2012, 104-105, 217-226.	4.1	77
53	Morphological characteristics of the cervix in domestic sows. <i>Anatomical Science International</i> , 2012, 87, 195-202.	1.0	5
54	Are All Inhaled Drugs Climate Friendly?. <i>Air & Water Borne Diseases</i> , 2012, 01, .	0.3	0

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55	Products and mechanism of the reaction of Cl atoms with unsaturated alcohols. Atmospheric Environment, 2012, 50, 214-224.	4.1	13
56	Radiative efficiencies for fluorinated esters: indirect global warming potentials of hydrofluoroethers. Physical Chemistry Chemical Physics, 2011, 13, 17185.	2.8	41
57	Radiative efficiencies and global warming potentials using theoretically determined absorption cross-sections for several hydrofluoroethers (HFEs) and hydrofluoropolyethers (HFPEs). Journal of Quantitative Spectroscopy and Radiative Transfer, 2011, 112, 1967-1977.	2.3	42
58	Infrared absorption spectra, radiative efficiencies, and global warming potentials of perfluorocarbons: Comparison between experiment and theory. Journal of Geophysical Research, 2010, 115, .	3.3	88
59	Atmospheric chemistry of C4F9OC2H5 (HFE-7200), C4F9OCH3 (HFE-7100), C3F7OCH3 (HFE-7000) and C3F7CH2OH: temperature dependence of the kinetics of their reactions with OH radicals, atmospheric lifetimes and global warming potentials. Physical Chemistry Chemical Physics, 2010, 12, 5115.	2.8	50
60	Atmospheric HFEs degradation in the gas phase: Reaction of HFE-7500 with Cl atoms at low temperatures. Chemical Physics Letters, 2009, 479, 20-24.	2.6	18
61	Kinetic, mechanistic and temperature dependence study of Cl reactions with CH3OC(O)H and CH3CH2OC(O)H. Atmospheric implications. Physical Chemistry Chemical Physics, 2009, 11, 384-390.	2.8	7
62	Atmospheric chemistry of HFE-7000 (CF3CF2CF2OCH3) and 2,2,3,3,4,4,4-heptafluoro-1-butanol (CF3CF2CF2CH2OH): kinetic rate coefficients and temperature dependence of reactions with chlorine atoms. Environmental Science and Pollution Research, 2008, 15, 584-591.	5.3	22
63	Relative rate measurements of reactions of unsaturated alcohols with atomic chlorine as a function of temperature. Atmospheric Environment, 2007, 41, 4693-4702.	4.1	26
64	Cyclooctane tropospheric degradation initiated by reaction with Cl atoms. Environmental Science and Pollution Research, 2007, 14, 176-181.	5.3	8
65	Atmospheric HFEs Degradation in the Gas Phase: Reactions of HFE-7100 and HFE-7200 with Cl Atoms at Low Temperatures. Environmental Science & Technology, 2006, 40, 5971-5976.	10.0	16
66	Contribution of the Atmospheric Chlorine Reactions to the Degradation of Greenhouse Gases: CFCs Substitutes. , O, , .		0