

Iván Bravo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7942093/publications.pdf>

Version: 2024-02-01

66
papers

1,229
citations

394421

19
h-index

434195

31
g-index

67
all docs

67
docs citations

67
times ranked

1437
citing authors

#	ARTICLE	IF	CITATIONS
1	Infrared absorption spectra, radiative efficiencies, and global warming potentials of perfluorocarbons: Comparison between experiment and theory. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	88
2	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
3	An Overview of Antibody Conjugated Polymeric Nanoparticles for Breast Cancer Therapy. <i>Pharmaceutics</i> , 2020, 12, 802.	4.5	62
4	Antibody Conjugation of Nanoparticles as Therapeutics for Breast Cancer Treatment. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6018.	4.1	52
5	Atmospheric chemistry of C ₄ F ₉ O ₂ H ₅ (HFE-7200), C ₄ F ₉ OCH ₃ (HFE-7100), C ₃ F ₇ OCH ₃ (HFE-7000) and C ₃ F ₇ CH ₂ OH: temperature dependence of the kinetics of their reactions with OH radicals, atmospheric lifetimes and global warming potentials. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 5115.	2.8	50
6	PEI-coated PLA nanoparticles to enhance the antimicrobial activity of carvacrol. <i>Food Chemistry</i> , 2020, 328, 127131.	8.2	46
7	Radiative efficiencies and global warming potentials using theoretically determined absorption cross-sections for several hydrofluoroethers (HFEs) and hydrofluoropolyethers (HFPEs). <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2011, 112, 1967-1977.	2.3	42
8	Radiative efficiencies for fluorinated esters: indirect global warming potentials of hydrofluoroethers. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 17185.	2.8	41
9	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
10	Controlled Delivery of BET-PROTACs: In Vitro Evaluation of MZ1-Loaded Polymeric Antibody Conjugated Nanoparticles in Breast Cancer. <i>Pharmaceutics</i> , 2020, 12, 986.	4.5	41
11	Trastuzumab-Targeted Biodegradable Nanoparticles for Enhanced Delivery of Dasatinib in HER2+ Metastatic Breast Cancer. <i>Nanomaterials</i> , 2019, 9, 1793.	4.1	40
12	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
13	Relative rate measurements of reactions of unsaturated alcohols with atomic chlorine as a function of temperature. <i>Atmospheric Environment</i> , 2007, 41, 4693-4702.	4.1	26
14	Poly(Cyclohexene Phthalate) Nanoparticles for Controlled Dasatinib Delivery in Breast Cancer Therapy. <i>Nanomaterials</i> , 2019, 9, 1208.	4.1	24
15	Polyester Polymeric Nanoparticles as Platforms in the Development of Novel Nanomedicines for Cancer Treatment. <i>Cancers</i> , 2021, 13, 3387.	3.7	24
16	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
17	Atmospheric chemistry of HFE-7000 (CF ₃ CF ₂ CF ₂ OCH ₃) and 2,2,3,3,4,4,4-heptafluoro-1-butanol (CF ₃ CF ₂ CF ₂ CH ₂ OH): kinetic rate coefficients and temperature dependence of reactions with chlorine atoms. <i>Environmental Science and Pollution Research</i> , 2008, 15, 584-591.	5.3	22
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Functionalized CdSe/ZnS Quantum Dots for Intracellular pH Measurements by Fluorescence Lifetime Imaging Microscopy. <i>ACS Sensors</i> , 2020, 5, 2106-2117.	7.8	21
21	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
22	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
23	The role of water and influence of hydrogen bonding on the self-assembly aggregation induced emission of an anthracene-guanidine-derivative. <i>Chemical Communications</i> , 2020, 56, 4102-4105.	4.1	19
24	Atmospheric HFEs degradation in the gas phase: Reaction of HFE-7500 with Cl atoms at low temperatures. <i>Chemical Physics Letters</i> , 2009, 479, 20-24.	2.6	18
25	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
26	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
27	Atmospheric Chemistry of <i>i</i> -E and <i>i</i> -Z-CF ₃ CH ₂ CHF (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
28	pH-Sensitive Fluorescence Lifetime Molecular Probes Based on Functionalized Tristyrylbenzene. <i>Journal of Physical Chemistry C</i> , 2016, 120, 18771-18779.	3.1	17
29	Atmospheric HFEs Degradation in the Gas Phase: Reactions of HFE-7100 and HFE-7200 with Cl Atoms at Low Temperatures. <i>Environmental Science & Technology</i> , 2006, 40, 5971-5976.	10.0	16
30	Air pollution in the plateau of the Iberian Peninsula. <i>Atmospheric Research</i> , 2014, 145-146, 92-104.	4.1	16
31	Tris(pentafluorophenyl)borane as an efficient catalyst in the guanylation reaction of amines. <i>Dalton Transactions</i> , 2016, 45, 10717-10729.	3.3	14
32	Characterization of Tuna Gelatin-Based Hydrogels as a Matrix for Drug Delivery. <i>Gels</i> , 2022, 8, 237.	4.5	14
33	Products and mechanism of the reaction of Cl atoms with unsaturated alcohols. <i>Atmospheric Environment</i> , 2012, 50, 214-224.	4.1	13
34	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
35	A Novel Quantum Dot-Based pH Probe for Long-Term Fluorescence Lifetime Imaging Microscopy Experiments in Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 2578-2586.	8.0	13
36	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

#	ARTICLE	IF	CITATIONS
37	Mithramycin delivery systems to develop effective therapies in sarcomas. <i>Journal of Nanobiotechnology</i> , 2021, 19, 267.	9.1	11
38	Vitamin E Delivery Systems Increase Resistance to Oxidative Stress in Red Deer Sperm Cells: Hydrogel and Nanoemulsion Carriers. <i>Antioxidants</i> , 2021, 10, 1780.	5.1	11
39	Photolysis study of fluorinated ketones under natural sunlight conditions. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 22991-22998.	2.8	10
40	Novel Fluorescence Guanidine Molecules for Selective Sulfate Anion Detection in Water Complex Samples over a Wide pH Range. <i>ACS Sensors</i> , 2021, 6, 3224-3233.	7.8	10
41	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
42	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
43	Cyclooctane tropospheric degradation initiated by reaction with Cl atoms. <i>Environmental Science and Pollution Research</i> , 2007, 14, 176-181.	5.3	8
44	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
45	Atmospheric sink of styrene, <i>trans</i> -1-methylstyrene, <i>trans</i> -1-methylstyrene and indene: Rate constants and mechanisms of Cl atom-initiated degradation. <i>Atmospheric Environment</i> , 2019, 200, 78-89.	4.1	8
46	Kinetic, mechanistic and temperature dependence study of Cl reactions with CH ₃ OC(O)H and CH ₃ CH ₂ OC(O)H. Atmospheric implications. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 384-390.	2.8	7
47	Atmospheric Chemistry and Environmental Assessment of Inhalational Fluorene. <i>ChemPhysChem</i> , 2013, 14, 3834-3842.	2.1	7
48	Screening and Preliminary Biochemical and Biological Studies of [RuCl(<i>p</i> -cymene)(N-bis(diphenylphosphino)-isopropylamine)] [BF ₄] in Breast Cancer Models. <i>ACS Omega</i> , 2019, 4, 13005-13014.	3.5	7
49	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
50	Multifunctional PLA/Gelatin Bionanocomposites for Tailored Drug Delivery Systems. <i>Pharmaceutics</i> , 2022, 14, 1138.	4.5	7
51	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
52	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
53	pH-Controlled Self-Assembly of X-Shaped Conjugated Molecules: The Case of 1,2,4,5-Tetrastyrilbenzene. <i>Journal of Physical Chemistry C</i> , 2018, 122, 19937-19945.	3.1	6
54	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

#	ARTICLE	IF	CITATIONS
55	Morphological characteristics of the cervix in domestic sows. <i>Anatomical Science International</i> , 2012, 87, 195-202.	1.0	5
56	New titanocene derivative with improved stability and binding ability to albumin exhibits high anticancer activity. <i>Journal of Inorganic Biochemistry</i> , 2021, 223, 111562.	3.5	5
57	Intramolecular charge transfer and molecular flexibility: Key parameters to be considered in the design of highly fluorescent p-phenylene vinylene derivatives. <i>Dyes and Pigments</i> , 2022, 199, 110105.	3.7	5
58	Shedding light on the binding mechanism of kinase inhibitors BI-2536, Volasertib and Ro-3280 with their pharmacological target PLK1. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2022, 232, 112477.	3.8	5
59	Uptake of partially fluorinated alcohols on atmospheric ice surfaces. <i>Atmospheric Environment</i> , 2012, 60, 76-81.	4.1	4
60	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
61	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
62	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
63	Synthesis of High Molecular Weight Stereo-Di-Block Copolymers Driven by a Co-Initiator Free Catalyst. <i>Polymers</i> , 2022, 14, 232.	4.5	3
64	Contribution of the Atmospheric Chlorine Reactions to the Degradation of Greenhouse Gases: CFCs Substitutes. , 0, , .		0
65	Are All Inhaled Drugs Climate Friendly?. <i>Air & Water Borne Diseases</i> , 2012, 01, .	0.3	0
66	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