

Alejandro Ortiz

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4498888/alejandro-ortiz-publications-by-year.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47
papers

492
citations

15
h-index

20
g-index

52
ext. papers

577
ext. citations

4.3
avg, IF

3.88
L-index

#	Paper	IF	Citations
47	Photophysical Properties of BODIPY Derivatives for the Implementation of Organic Solar Cells: A Computational Approach.. <i>ACS Omega</i> , 2022 , 7, 3963-3977	3.9	1
46	New organic photosensitizers based on triphenylamine and hydantoin as anchoring group onto TiO ₂ Surface. <i>Journal of Molecular Structure</i> , 2022 , 1251, 132072	3.4	0
45	Theoretical characterization of photoactive molecular systems based on BODIPY-derivatives for the design of organic solar cells. <i>Computational and Theoretical Chemistry</i> , 2021 , 1197, 113165	2	3
44	Three-component one-pot synthesis of new spiro[indoline-pyrrolidine] derivatives mediated by 1,3-dipolar reaction and DFT analysis. <i>Monatshefte Für Chemie</i> , 2021 , 152, 497-506	1.4	
43	Selenophene-Based Hole-Transporting Materials for Perovskite Solar Cells. <i>ChemPlusChem</i> , 2021 , 86, 1006-1013	2.8	1
42	Synthesis, characterization and photophysics of novel BODIPY linked to dumbbell systems based on Fullerene[60]pyrrolidine and Fullerene[60]isoxazoline. <i>Dyes and Pigments</i> , 2021 , 184, 108752	4.6	5
41	A theoretical chemistry-based strategy for the rational design of new luminescent lanthanide complexes: an approach from a multireference SOC-NEVPT2 method. <i>Dalton Transactions</i> , 2021 , 50, 13561-13571	4.3	2
40	Azatruxene-Based, Dumbbell-Shaped, Donor-Bridge-Donor Hole-Transporting Materials for Perovskite Solar Cells. <i>Chemistry - A European Journal</i> , 2020 , 26, 11039-11047	4.8	4
39	Evaluating the intramolecular charge transfer in novel meso-alkoxyphenyl and ethynylphenolic BODIPY derivatives. <i>Journal of Molecular Structure</i> , 2020 , 1206, 127774	3.4	1
38	Synthesis, photophysical properties and theoretical studies of new bis-quinolin curcuminoid BF-complexes and their decomplexed derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 230, 118065	4.4	4
37	Catalyst-free three-component synthesis of new pyrrolidine derivatives via 1,3-dipolar cycloaddition. <i>Chemistry of Heterocyclic Compounds</i> , 2019 , 55, 352-358	1.4	1
36	Rhodanine-based light-harvesting sensitizers: a rational comparison between 2-(1,1-dicyanomethylene)rhodanine and rhodanine-3-acetic acid. <i>New Journal of Chemistry</i> , 2019 , 43, 8781-8787	3.6	2
35	Triarylamine-BODIPY derivatives: A promising building block as hole transporting materials for efficient perovskite solar cells. <i>Dyes and Pigments</i> , 2019 , 171, 107690	4.6	16
34	Synthesis of novel light harvesters based on perylene imides linked to triphenylamines for Dyes Sensitized Solar Cells. <i>Dyes and Pigments</i> , 2018 , 153, 182-188	4.6	13
33	Novel BODIPY-C60 derivatives with tuned photophysical and electron-acceptor properties: Isoxazolino[60]fullerene and pyrrolidino[60]fullerene. <i>Journal of Luminescence</i> , 2018 , 194, 729-738	3.8	15
32	Optical and Electronic Properties of Molecular Systems Derived from Rhodanine. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 8469-8476	2.8	9
31	Synthesis and study of the electronic properties of pyrazolo[1,5-c]pyrrolo[1,2-a]quinazoline and pyrazolo[1,5-c]pyrido[1,2-a]quinazoline derivatives. <i>Monatshefte Für Chemie</i> , 2017 , 148, 237-244	1.4	5

30	Microwave assisted synthesis of a series of charge-transfer photosensitizers having quinoxaline-2(1H)-one as anchoring group onto TiO ₂ surface. <i>Journal of Molecular Structure</i> , 2017 , 1133, 384-391	3.4	5
29	Synthesis and Antifungal in Vitro Evaluation of Pyrazolo[3,4-b]pyridines Derivatives Obtained by Aza-Diels-Alder Reaction and Microwave Irradiation. <i>Chemical and Pharmaceutical Bulletin</i> , 2017 , 65, 143-150	1.9	27
28	Synthesis, the electronic properties and efficient photoinduced electron transfer of new pyrrolidine[60]fullerene- and isoxazoline[60]fullerene-BODIPY dyads: nitrile oxide cycloaddition under mild conditions using PIFA. <i>New Journal of Chemistry</i> , 2017 , 41, 9061-9069	3.6	8
27	Computational and Experimental Study on Molecular Structure of Benzo[g]pyrimido[4,5-b]quinoline Derivatives: Preference of Linear over the Angular Isomer. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 967	2.6	2
26	Solvent-free microwave-assisted synthesis of novel pyrazolo[4,3:5,6]pyrido[2,3-d]pyrimidines with potential antifungal activity. <i>Arabian Journal of Chemistry</i> , 2016 , 9, 481-492	5.9	17
25	Structural effects on the photoelectrochemical properties of new push-pull dyes based on vinazene acceptor triphenylamine donor. <i>Journal of Molecular Structure</i> , 2016 , 1111, 157-165	3.4	2
24	Synthesis, structures, electrochemical studies and antioxidant activity of 5-aryl-4-oxo-3,4,5,8-tetrahydropyrido[2,3-d]pyrimidine-7-carboxylic acids. <i>Journal of Molecular Structure</i> , 2016 , 1120, 294-301	3.4	17
23	New organic dyes with high IPCE values containing two triphenylamine units as co-donors for efficient dye-sensitized solar cells. <i>RSC Advances</i> , 2015 , 5, 60823-60830	3.7	10
22	On-off switch of charge-separated states of pyridine-vinylene-linked porphyrin-C conjugates detected by EPR. <i>Chemical Science</i> , 2015 , 6, 5994-6007	9.4	21
21	Synthesis and study of fluorescence properties of novel pyrazolo[4,3:5,6]pyrido[2,3-d]pyrimidin-5(6H)-one derivatives. <i>Journal of Molecular Structure</i> , 2015 , 1097, 69-75	3.4	2
20	Zn(II)-porphyrin dyes with several electron acceptor groups linked by vinyl-fluorene or vinyl-thiophene spacers for dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2015 , 112, 127-137	4.6	20
19	Fluoren-9-ylidene-Based Dyes for Dye-Sensitized Solar Cells. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 5537-5545	3.2	4
18	Microwave-Assisted Synthesis of Novel Pyrazolo[3,4-g][1,8]naphthyridin-5-amine with Potential Antifungal and Antitumor Activity. <i>Molecules</i> , 2015 , 20, 8499-520	4.8	12
17	Organic dyes containing 2-(1,1-dicyanomethylene)rhodanine as an efficient electron acceptor and anchoring unit for dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2014 , 107, 9-14	4.6	25
16	Microwave induced three-component synthesis and antimycobacterial activity of benzopyrazolo[3,4-b]quinolindiones. <i>European Journal of Medicinal Chemistry</i> , 2014 , 74, 216-24	6.8	24
15	Influence of acetylene-linked β spacers on triphenylaminefluorene dye sensitized solar cells performance. <i>Solar Energy Materials and Solar Cells</i> , 2014 , 121, 61-68	6.4	35
14	Rhodanine-3-acetic acid and β extended tetrathiafulvalene (exTTF) based systems for dye-sensitized solar cells. <i>New Journal of Chemistry</i> , 2014 , 38, 5801-5807	3.6	13
13	Geometric influence on intramolecular photoinduced electron transfer in platinum(II) acetylide-linked donor-acceptor assemblies. <i>Chemistry - A European Journal</i> , 2014 , 20, 11111-9	4.8	5

12	Effect of π -conjugated linkage on photophysical properties: Acetylene linker as the better connection group for highly solvatochromic probes. <i>Dyes and Pigments</i> , 2014 , 111, 45-51	4.6	26
11	Highly efficient and diastereoselective synthesis of new pyrazolylpyrrolizine and pyrazolylpyrrolidine derivatives by a three-component domino process. <i>Molecules</i> , 2014 , 19, 4284-300	4.8	6
10	A Straightforward and Efficient Method for the Synthesis of Diversely Substituted β -Aminoketones and β -Aminoalcohols from 3-(N,N-Dimethylamino)propiophenones as Starting Materials. <i>Journal of the Brazilian Chemical Society</i> , 2013 ,	1.5	2
9	Antimycobacterial activity of pyrimido[4,5-b]diazepine derivatives. <i>Archiv Der Pharmazie</i> , 2012 , 345, 739-44	4.4	4
8	Free-base tetraarylporphyrin covalently linked to [60]fullerene through ethynylfluorene spacer. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011 , 15, 1231-1238	1.8	4
7	Microwave-assisted synthesis under solvent-free conditions of (E)-2-(Benzo[d]thiazol-2-yl)-3-arylacrylonitriles. <i>Journal of the Brazilian Chemical Society</i> , 2011 , 22, 2396-2402	1.5	10
6	Vinyl spacers tuning electron transfer through fluorene-based molecular wires. <i>Energy and Environmental Science</i> , 2011 , 4, 765	35.4	27
5	2-(1,1-dicyanomethylene)rhodanine: A novel, efficient electron acceptor. <i>Dyes and Pigments</i> , 2011 , 88, 385-390	4.6	27
4	Efficient microwave-assisted synthesis and antitumor activity of novel 4,4'-methylenebis[2-(3-aryl-4,5-dihydro-1H-pyrazol-5-yl)phenols]. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 2436-40	6.8	21
3	A Simple One-Pot Synthesis of New Imidazol-2-yl-1H-quinolin-2-ones from the Direct Reaction of 2-Chloroquinolin-3-carbaldehyde with Aromatic o-Diamines. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 317-325	3.2	14
2	Hexamethylenediammonium bis(chloroacetate): a three-dimensional hydrogen-bonded framework structure. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008 , 64, o505-7		
1	Aminopyrimidine-Based Donor-Acceptor Chromophores: Push-Pull versus Aromatic Behaviour. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 99-108	3.2	20