

# Alejandro Ortiz

## List of Publications by Citations

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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	Influence of acetylene-linked spacers on triphenylamine-fluorene dye sensitized solar cells performance. <i>Solar Energy Materials and Solar Cells</i> , <b>2014</b> , 121, 61-68	6.4	35
46	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> , <b>2017</b> , 65, 143-150	1.9	27
45	Vinyl spacers tuning electron transfer through fluorene-based molecular wires. <i>Energy and Environmental Science</i> , <b>2011</b> , 4, 765	35.4	27
44	2-(1,1-dicyanomethylene)rhodanine: A novel, efficient electron acceptor. <i>Dyes and Pigments</i> , <b>2011</b> , 88, 385-390	4.6	27
43	Effect of conjugated linkage on photophysical properties: Acetylene linker as the better connection group for highly solvatochromic probes. <i>Dyes and Pigments</i> , <b>2014</b> , 111, 45-51	4.6	26
42	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> , <b>2014</b> , 107, 9-14	4.6	25
41	Microwave induced three-component synthesis and antimycobacterial activity of benzopyrazolo[3,4-b]quinolindiones. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 74, 216-24	6.8	24
40	On-off switch of charge-separated states of pyridine-vinylene-linked porphyrin-C conjugates detected by EPR. <i>Chemical Science</i> , <b>2015</b> , 6, 5994-6007	9.4	21
39	Efficient microwave-assisted synthesis and antitumor activity of novel 4,4Zmethylenebis[2-(3-aryl-4,5-dihydro-1H-pyrazol-5-yl)phenols]. <i>European Journal of Medicinal Chemistry</i> , <b>2011</b> , 46, 2436-40	6.8	21
38	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> , <b>2015</b> , 112, 127-137	4.6	20
37	Aminopyrimidine-Based Donor-Acceptor Chromophores: PushPull versus Aromatic Behaviour. <i>European Journal of Organic Chemistry</i> , <b>2008</b> , 2008, 99-108	3.2	20
36	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> , <b>2016</b> , 9, 481-492	5.9	17
35	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> , <b>2016</b> , 1120, 294-301	3.4	17
34	Triarylamine-BODIPY derivatives: A promising building block as hole transporting materials for efficient perovskite solar cells. <i>Dyes and Pigments</i> , <b>2019</b> , 171, 107690	4.6	16
33	Novel BODIPY-C60 derivatives with tuned photophysical and electron-acceptor properties: Isoxazolino[60]fullerene and pyrrolidino[60]fullerene. <i>Journal of Luminescence</i> , <b>2018</b> , 194, 729-738	3.8	15
32	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> , <b>2010</b> , 2010, 317-325	3.2	14
31	Synthesis of novel light harvesters based on perylene imides linked to triphenylamines for Dyes Sensitized Solar Cells. <i>Dyes and Pigments</i> , <b>2018</b> , 153, 182-188	4.6	13

30	Rhodanine-3-acetic acid and extended tetrathiafulvalene (exTTF) based systems for dye-sensitized solar cells. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 5801-5807	3.6	13
29	Microwave-Assisted Synthesis of Novel Pyrazolo[3,4-g][1,8]naphthyridin-5-amine with Potential Antifungal and Antitumor Activity. <i>Molecules</i> , <b>2015</b> , 20, 8499-520	4.8	12
28	New organic dyes with high IPCE values containing two triphenylamine units as co-donors for efficient dye-sensitized solar cells. <i>RSC Advances</i> , <b>2015</b> , 5, 60823-60830	3.7	10
27	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> , <b>2011</b> , 22, 2396-2402	1.5	10
26	Optical and Electronic Properties of Molecular Systems Derived from Rhodanine. <i>Journal of Physical Chemistry A</i> , <b>2018</b> , 122, 8469-8476	2.8	9
25	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> , <b>2017</b> , 41, 9061-9069	3.6	8
24	Highly efficient and diastereoselective synthesis of new pyrazolylpyrrolizine and pyrazolylpyrrolidine derivatives by a three-component domino process. <i>Molecules</i> , <b>2014</b> , 19, 4284-300	4.8	6
23	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> , <b>2017</b> , 148, 237-244	1.4	5
22	Microwave assisted synthesis of a series of charge-transfer photosensitizers having quinoxaline-2(1H)-one as anchoring group onto TiO <sub>2</sub> surface. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1133, 384-391	3.4	5
21	Geometric influence on intramolecular photoinduced electron transfer in platinum(II) acetylide-linked donor-acceptor assemblies. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 11111-9	4.8	5
20	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> , <b>2021</b> , 184, 108752	4.6	5
19	Azatruxene-Based, Dumbbell-Shaped, Donor-Bridge-Donor Hole-Transporting Materials for Perovskite Solar Cells. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 11039-11047	4.8	4
18	Fluoren-9-ylidene-Based Dyes for Dye-Sensitized Solar Cells. <i>European Journal of Organic Chemistry</i> , <b>2015</b> , 2015, 5537-5545	3.2	4
17	Antimycobacterial activity of pyrimido[4,5-b]diazepine derivatives. <i>Archiv Der Pharmazie</i> , <b>2012</b> , 345, 739-44	4.4	4
16	Free-base tetraarylporphyrin covalently linked to [60]fullerene through ethynylfluorene spacer. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2011</b> , 15, 1231-1238	1.8	4
15	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> , <b>2020</b> , 230, 118065	4.4	4
14	Theoretical characterization of photoactive molecular systems based on BODIPY-derivatives for the design of organic solar cells. <i>Computational and Theoretical Chemistry</i> , <b>2021</b> , 1197, 113165	2	3
13	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> , <b>2019</b> , 43, 8781-8787	3.6	2

12	Synthesis and study of fluorescence properties of novel pyrazolo[4,3-f:5,6]pyrido[2,3-d]pyrimidin-5(6H)-one derivatives. <i>Journal of Molecular Structure</i> , <b>2015</b> , 1097, 69-75	3.4	2
11	Structural effects on the photoelectrochemical properties of new push-pull dyes based on vinazene acceptor triphenylamine donor. <i>Journal of Molecular Structure</i> , <b>2016</b> , 1111, 157-165	3.4	2
10	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> , <b>2017</b> , 7, 967	2.6	2
9	A Straightforward and Efficient Method for the Synthesis of Diversely Substituted $\alpha$ Aminoketones and $\alpha$ Aminoalcohols from 3-(N,N-Dimethylamino)propiophenones as Starting Materials. <i>Journal of the Brazilian Chemical Society</i> , <b>2013</b> ,	1.5	2
8	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> , <b>2021</b> , 50, 13561-13571	4.3	2
7	Catalyst-free three-component synthesis of new pyrrolidine derivatives via 1,3-dipolar cycloaddition. <i>Chemistry of Heterocyclic Compounds</i> , <b>2019</b> , 55, 352-358	1.4	1
6	Evaluating the intramolecular charge transfer in novel meso-alkoxyphenyl and $\beta$ ethynylphenolic BODIPY derivatives. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1206, 127774	3.4	1
5	Photophysical Properties of BODIPY Derivatives for the Implementation of Organic Solar Cells: A Computational Approach.. <i>ACS Omega</i> , <b>2022</b> , 7, 3963-3977	3.9	1
4	Selenophene-Based Hole-Transporting Materials for Perovskite Solar Cells. <i>ChemPlusChem</i> , <b>2021</b> , 86, 1006-1013	2.8	1
3	New organic photosensitizers based on triphenylamine and hydantoin as anchoring group onto TiO <sub>2</sub> Surface. <i>Journal of Molecular Structure</i> , <b>2022</b> , 1251, 132072	3.4	0
2	Hexamethylenediammonium bis(chloroacetate): a three-dimensional hydrogen-bonded framework structure. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2008</b> , 64, o505-7		
1	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> , <b>2021</b> , 152, 497-506	1.4	