

# Igor Marques

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/9561512/igor-marques-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.

34  
papers

1,734  
citations

20  
h-index

37  
g-index

37  
ext. papers

1,998  
ext. citations

8  
avg, IF

4.96  
L-index

#	Paper	IF	Citations
34	Hydrazones in anion transporters: the detrimental effect of a second binding site. <i>Organic and Biomolecular Chemistry</i> , <b>2021</b> , 19, 8324-8337	3.9	0
33	Hydrosulfide (HS <sup>-</sup> ) Recognition and Sensing in Water by Halogen Bonding Hosts. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 24048-24053	16.4	3
32	Estrogen receptors in urogenital schistosomiasis and bladder cancer: Estrogen receptor alpha-mediated cell proliferation. <i>Urologic Oncology: Seminars and Original Investigations</i> , <b>2020</b> , 38, 738.e23-738.e35	2.8	6
31	Development of a Library of Thiophene-Based Drug-Like Lego Molecules: Evaluation of Their Anion Binding, Transport Properties, and Cytotoxicity. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 888-899	4.8	8
30	The Green Box: An Electronically Versatile Perylene Diimide Macrocylic Host for Fullerenes. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 349-364	16.4	29
29	Lipidomic analysis of human primary hepatocytes following LXR activation with GW3965 identifies AGXT2L1 as a main target associated to changes in phosphatidylethanolamine. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2020</b> , 198, 105558	5.1	2
28	Fluorinated synthetic anion carriers: experimental and computational insights into transmembrane chloride transport. <i>Chemical Science</i> , <b>2019</b> , 10, 1976-1985	9.4	17
27	Anion Recognition in Water by Charge-Neutral Halogen and Chalcogen Bonding Foldamer Receptors. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 4119-4129	16.4	107
26	A Chiral Halogen-Bonding [3]Rotaxane for the Recognition and Sensing of Biologically Relevant Dicarboxylate Anions. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 593-597	3.6	28
25	Full elucidation of the transmembrane anion transport mechanism of squaramides using in silico investigations. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 20796-20811	3.6	14
24	A Chiral Halogen-Bonding [3]Rotaxane for the Recognition and Sensing of Biologically Relevant Dicarboxylate Anions. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 584-588	16.4	115
23	Chiral halogen and chalcogen bonding receptors for discrimination of stereo- and geometric dicarboxylate isomers in aqueous media. <i>Chemical Communications</i> , <b>2018</b> , 54, 10851-10854	5.8	43
22	A synthetic ion transporter that disrupts autophagy and induces apoptosis by perturbing cellular chloride concentrations. <i>Nature Chemistry</i> , <b>2017</b> , 9, 667-675	17.6	158
21	Chalcogen Bonding Macrocycles and [2]Rotaxanes for Anion Recognition. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 3122-3133	16.4	148
20	Anion- and Solvent-Induced Rotary Dynamics and Sensing in a Perylene Diimide [3]Catenane. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 9026-9037	16.4	43
19	Enantioselective Anion Recognition by Chiral Halogen-Bonding [2]Rotaxanes. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 12228-12239	16.4	84
18	Unprecedented Double aza-Michael Addition within a Sapphyrin Core. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 14349-55	4.8	3

17	Selective Nitrate Recognition by a Halogen-Bonding Four-Station [3]Rotaxane Molecular Shuttle. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 11235-11242	3.6	23
16	Enhancing the enantioselective recognition and sensing of chiral anions by halogen bonding. <i>Chemical Communications</i> , <b>2016</b> , 52, 5527-30	5.8	63
15	Tilting and Tumbling in Transmembrane Anion Carriers: Activity Tuning through n-Alkyl Substitution. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 2004-2011	4.8	18
14	Iodide Recognition and Sensing in Water by a Halogen-Bonding Ruthenium(II)-Based Rotaxane. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 185-92	4.8	68
13	Selective Nitrate Recognition by a Halogen-Bonding Four-Station [3]Rotaxane Molecular Shuttle. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 11069-76	16.4	75
12	Recognition of bio-relevant dicarboxylate anions by an azacalix[2]arene[2]triazine derivative decorated with urea moieties. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 3070-85	3.9	10
11	Neutral bimetallic rhenium(I)-containing halogen and hydrogen bonding acyclic receptors for anion recognition. <i>Journal of Organometallic Chemistry</i> , <b>2015</b> , 792, 206-210	2.3	16
10	Tris-thiourea tripod-based molecules as chloride transmembrane transporters: insights from molecular dynamics simulations. <i>Soft Matter</i> , <b>2014</b> , 10, 3608-21	3.6	11
9	Interaction of a calix[4]arene derivative with a DOPC bilayer: biomolecular simulations towards chloride transport. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2014</b> , 1838, 890-901	3.8	12
8	Halogen bonding in water results in enhanced anion recognition in acyclic and rotaxane hosts. <i>Nature Chemistry</i> , <b>2014</b> , 6, 1039-43	17.6	224
7	Acylthioureas as anion transporters: the effect of intramolecular hydrogen bonding. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 62-72	3.9	63
6	Halide selective anion recognition by an amide-triazolium axle containing [2]rotaxane. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 4924-31	3.9	21
5	Chloride, carboxylate and carbonate transport by ortho-phenylenediamine-based bisureas. <i>Chemical Science</i> , <b>2013</b> , 4, 103-117	9.4	107
4	Towards predictable transmembrane transport: QSAR analysis of anion binding and transport. <i>Chemical Science</i> , <b>2013</b> , 4, 3036	9.4	89
3	Tunable transmembrane chloride transport by bis-indolylureas. <i>Chemical Science</i> , <b>2012</b> , 3, 1436	9.4	51
2	The role of lipophilicity in transmembrane anion transport. <i>Chemical Communications</i> , <b>2012</b> , 48, 5274-6	5.8	74
1	Hydrosulfide (HS <sup>-</sup> ) Recognition and Sensing in Water by Halogen Bonding Hosts. <i>Angewandte Chemie</i> ,	3.6	1