

# Luis Escobar

## List of Publications by Year in Descending Order

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

17  
papers

188  
citations

9  
h-index

13  
g-index

21  
ext. papers

346  
ext. citations

12.6  
avg, IF

4.23  
L-index

#	Paper	IF	Citations
17	A prebiotically plausible scenario of an RNA-peptide world.. <i>Nature</i> , <b>2022</b> , 605, 279-284	50.4	11
16	Hydrolysis of Aliphatic Bis-isonitriles in the Presence of a Polar Super Aryl-Extended Calix[4]pyrrole Container. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 10359-10365	16.4	2
15	Hydrolysis of Aliphatic Bis-isonitriles in the Presence of a Polar Super Aryl-Extended Calix[4]pyrrole Container. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 10447-10453	3.6	0
14	Molecular Recognition in Water Using Macrocyclic Synthetic Receptors. <i>Chemical Reviews</i> , <b>2021</b> , 121, 2445-2514	68.1	42
13	Self-assembly of a water-soluble endohedrally functionalized coordination cage including polar guests. <i>Chemical Science</i> , <b>2021</b> , 12, 13469-13476	9.4	2
12	Kinetic Stabilities and Exchange Dynamics of Water-Soluble Bis-Formamide Caviplexes Studied Using Diffusion-Ordered NMR Spectroscopy (DOSY). <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 8220-8225	4.8	6
11	Guest Exchange Mechanisms in Mono-Metallic Pd /Pt -Cages Based on a Tetra-Pyridyl Calix[4]pyrrole Ligand. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 16105-16109	16.4	15
10	Relative hydrophilicities of and formamides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 19815-19820	11.5	8
9	A mono-metallic Pd(ii)-cage featuring two different polar binding sites. <i>Chemical Communications</i> , <b>2019</b> , 55, 604-607	5.8	17
8	Quantification of the hydrophobic effect using water-soluble super aryl-extended calix[4]pyrroles. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 1738-1748	5.2	12
7	Guest Exchange Mechanisms in Mono-Metallic PdII/PtII-Cages Based on a Tetra-Pyridyl Calix[4]pyrrole Ligand. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 16251-16255	3.6	7
6	2-(4UPyridyl-N-oxide)-Substituted Hemithioindigos as Photoresponsive Guests for a Super Aryl-Extended Calix[4]pyrrole Receptor. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 1632-1639	4.5	6
5	Conformational selectivity and high-affinity binding in the complexation of -phenyl amides in water by a phenyl extended calix[4]pyrrole. <i>Chemical Science</i> , <b>2018</b> , 9, 7186-7192	9.4	19
4	Synthesis and Binding Studies of a Tetra- $\pi$ -Aryl-Extended Photoresponsive Calix[4]pyrrole Receptor Bearing meso-Alkyl Substituents. <i>European Journal of Organic Chemistry</i> , <b>2018</b> , 2018, 1097-1106	3.2	9
3	Self-Assembly of Di-N-Heterocyclic Carbene-Gold-Adorned Corannulenes on C. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 10644-10651	4.8	10
2	Stereoselective Synthesis of Lower and Upper Rim Functionalized Tetra- $\pi$ Isomers of Calix[4]pyrroles. <i>Organic Letters</i> , <b>2017</b> , 19, 226-229	6.2	9
1	Super Aryl-Extended Calix[4]pyrroles: Synthesis, Binding Studies, and Attempts To Gain Water Solubility. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 13682-9	4.8	13

