

# Denis Fuentealba

## List of Publications by Year in descending order

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31  
papers

633  
citations

623734

14  
h-index

580821

25  
g-index

31  
all docs

31  
docs citations

31  
times ranked

891  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guest Binding Dynamics with Cucurbit[7]uril in the Presence of Cations. <i>Journal of the American Chemical Society</i> , 2011, 133, 20623-20633.	13.7	179
2	Explaining the Highly Enantiomeric Photocyclodimerization of 2-Anthracenecarboxylate Bound to Human Serum Albumin Using Time-Resolved Anisotropy Studies. <i>Journal of the American Chemical Society</i> , 2013, 135, 203-209.	13.7	62
3	Photochemical behavior of biosupramolecular assemblies of photosensitizers, cucurbit[n]urils and albumins. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 2574-2582.	2.8	37
4	Aggregation Behavior of Pegylated Bile Acid Derivatives. <i>Langmuir</i> , 2012, 28, 13431-13440.	3.5	31
5	Time-resolved fluorescence anisotropy as a tool to study guest-cucurbit[n]uril-protein ternary supramolecular interactions. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 842-852.	2.9	29
6	Supramolecular Reversible On-Off Switch for Singlet Oxygen Using Cucurbit[n]uril Inclusion Complexes. <i>Journal of Physical Chemistry C</i> , 2017, 121, 21782-21789.	3.1	29
7	Potential Applications of Cucurbit[n]urils Inclusion Complexes in Photodynamic Therapy. <i>Israel Journal of Chemistry</i> , 2018, 58, 199-214.	2.3	26
8	Advanced Glycation Endproducts Induce Photocrosslinking and Oxidation of Bovine Lens Proteins Through Type I Mechanism. <i>Photochemistry and Photobiology</i> , 2009, 85, 185-194.	2.5	25
9	Host-guest interaction of coumarin-derivative dyes and cucurbit[7]uril: leading to the formation of supramolecular ternary complexes with mercuric ions. <i>New Journal of Chemistry</i> , 2015, 39, 3084-3092.	2.8	25
10	Encapsulation of Chemotherapeutic Drug Melphalan in Cucurbit[7]uril: Effects on Its Alkylating Activity, Hydrolysis, and Cytotoxicity. <i>ACS Omega</i> , 2018, 3, 8337-8343.	3.5	22
11	Fluorescence properties of aurone derivatives: an experimental and theoretical study with some preliminary biological applications. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 1268-1276.	2.9	18
12	Photosensitizing Activity of Advanced Glycation Endproducts on Tryptophan, Glucose 6-phosphate Dehydrogenase, Human Serum Albumin and Ascorbic Acid Evaluated at Low Oxygen Pressure. <i>Photochemistry and Photobiology</i> , 2007, 83, 563-569.	2.5	17
13	Novel Chitosan-Riboflavin Conjugate with Visible Light-Enhanced Antifungal Properties against <i>Penicillium digitatum</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 945-954.	5.2	16
14	Effect of sodium chloride on the binding of polyaromatic hydrocarbon guests with sodium cholate aggregates. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1420-1430.	2.9	14
15	Studies of the solvatochromic emission properties of N-aryllurea derivatives I: Influence of the substitution pattern. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 752-767.	2.9	13
16	Mechanism of Visible-Light Photooxidative Demethylation of Toluidine Blue O. <i>Journal of Physical Chemistry A</i> , 2019, 123, 4863-4872.	2.5	13
17	Electrostatically promoted dynamic hybridization of glucans with cationic polythiophene. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 9741-9750.	2.8	11
18	A study of the Fenton-mediated oxidation of methylene blue-cucurbit[n]uril complexes. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 686-692.	2.9	10

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19	Biosupramolecular complexes of amphiphilic photosensitizers with human serum albumin and cucurbit[7]uril as carriers for photodynamic therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 223, 112284.	3.8	10
20	Autosensitized oxidation of glycated bovine lens proteins irradiated with UVA-visible light at low oxygen concentration. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 718-724.	2.9	7
21	Fatty Acid Conjugates of Toluidine Blue O as Amphiphilic Photosensitizers: Synthesis, Solubility, Photophysics and Photochemical Properties. <i>Photochemistry and Photobiology</i> , 2021, 97, 71-79.	2.5	7
22	Supramolecular co-encapsulation of a photosensitizer and chemotherapeutic drug in cucurbit[8]uril for potential chemophototherapy. <i>Photochemical and Photobiological Sciences</i> , 2022, 21, 349-359.	2.9	7
23	Gramicidin conformational changes during riboflavin photosensitized oxidation in solution and the effect of N-methylation of tryptophan residues. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 748-756.	2.9	6
24	Cinnamoyl-coumarin hybrid derivatives with remarkable fluorescent molecular-rotor properties in mixtures of DPPC:DOPC LUVs. <i>Dyes and Pigments</i> , 2020, 178, 108356.	3.7	5
25	Studies of the solvatochromic emission properties of N-aryllurea derivatives II: influence of hydrogen-bonding interactions. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 1914.	2.9	4
26	Thiol-reacting toluidine blue derivatives: Synthesis, photophysical properties and covalent conjugation with human serum albumin. <i>Dyes and Pigments</i> , 2022, 201, 110225.	3.7	4
27	A microenvironment-sensitive coumarin-labeled peptide for the assessment of lipid-peptide interactions. <i>Dyes and Pigments</i> , 2020, 176, 108234.	3.7	3
28	Comparing Photo-Fenton Degradation of Malachite Green Using Fe(II) Salts Under UVA Light Irradiation. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	2
29	Binding of toluidine blue-myristic acid derivative to cucurbit[7]uril and human serum albumin: computational and biophysical insights towards a biosupramolecular assembly. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 3222-3230.	2.8	1
30	Special Issue Devoted to the XIV ELAFOT Conference (XIV Encuentro Latinoamericano de) Tj ETQqO 0 0 rgBT /Oveyllock 10 Tf 50 302	2.5	0
31	Chapter 12. Supramolecular Assemblies of Cucurbit[n]urils with Conjugated Polymers and Porphyrins: Effects on Their Photophysical and Photochemical Properties and Their Applications in Photodynamic Therapy. <i>RSC Smart Materials</i> , 2019, , 258-282.	0.1	0