

# Jorge O Escobedo

## List of Publications by Year in descending order

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61  
papers

4,557  
citations

172457

29  
h-index

133252

59  
g-index

64  
all docs

64  
docs citations

64  
times ranked

5624  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorogenic probes for thioredoxin reductase activity. Results in Chemistry, 2021, 3, 100127.	2.0	4
2	A Diselenide Turn-On Fluorescent Probe for the Detection of Thioredoxin Reductase. Angewandte Chemie, 2020, 132, 15259-15263.	2.0	8
3	A Diselenide Turn-On Fluorescent Probe for the Detection of Thioredoxin Reductase. Angewandte Chemie - International Edition, 2020, 59, 15147-15151.	13.8	35
4	Synthetic food dyes in electronic cigarettes. Dyes and Pigments, 2019, 160, 509-513.	3.7	4
5	Altering Fundamental Trends in the Emission of Xanthene Dyes. Journal of Organic Chemistry, 2019, 84, 2585-2595.	3.2	29
6	Assessment of human pancreas cancer tissue and precursor lesions via a fluorophore with inherent PDAC selectivity. Methods, 2019, 168, 35-39.	3.8	2
7	E-Cigarette Airflow Rate Modulates Toxicant Profiles and Can Lead to Concerning Levels of Solvent Consumption. ACS Omega, 2018, 3, 30-36.	3.5	42
8	Varied Length Stokes Shift BODIPY-Based Fluorophores for Multicolor Microscopy. Scientific Reports, 2018, 8, 4590.	3.3	22
9	E-cigarettes can emit formaldehyde at high levels under conditions that have been reported to be non-averse to users. Scientific Reports, 2018, 8, 7559.	3.3	53
10	In Situ Lysosomal Cysteine-Specific Targeting and Imaging during Dexamethasone-Induced Apoptosis. Analytical Chemistry, 2018, 90, 7018-7024.	6.5	69
11	Far-Red and Near-Infrared Semianaphthofluorophores for Targeted Pancreatic Cancer Imaging. ACS Omega, 2017, 2, 154-163.	3.5	25
12	pH-Dependent Fluorescent Probe That Can Be Tuned for Cysteine or Homocysteine. Organic Letters, 2017, 19, 82-85.	4.6	136
13	Formaldehyde Hemiacetal Sampling, Recovery, and Quantification from Electronic Cigarette Aerosols. Scientific Reports, 2017, 7, 11044.	3.3	31
14	Benzene formation in electronic cigarettes. PLoS ONE, 2017, 12, e0173055.	2.5	149
15	Systemic Delivery and Biodistribution of Cisplatin <i>in Vivo</i> . Molecular Pharmaceutics, 2016, 13, 2677-2682.	4.6	31
16	Fluorescein Tri-Aldehyde Promotes the Selective Detection of Homocysteine. Journal of Fluorescence, 2016, 26, 731-737.	2.5	13
17	Rhodamine analogs for molecular ruler applications. Dyes and Pigments, 2016, 126, 46-53.	3.7	5
18	Recent progress in chromogenic and fluorogenic chemosensors for hypochlorous acid. Analyst, The, 2016, 141, 1859-1873.	3.5	159

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19	A simple assay for glutathione in whole blood. <i>Analyst, The</i> , 2015, 140, 3339-3342.	3.5	38
20	Templated polymers enable selective capture and release of lysophosphatidic acid in human plasma via optimization of non-covalent binding to functional monomers. <i>Analyst, The</i> , 2015, 140, 7572-7577.	3.5	2
21	Spiroguanidine rhodamines as fluorogenic probes for lysophosphatidic acid. <i>Chemical Communications</i> , 2015, 51, 1697-1700.	4.1	18
22	A dual emission fluorescent probe enables simultaneous detection of glutathione and cysteine/homocysteine. <i>Chemical Science</i> , 2014, 5, 2177.	7.4	317
23	A photochemical method for determining plasma homocysteine with limited sample processing. <i>Chemical Communications</i> , 2014, 50, 3071-3073.	4.1	28
24	Differences in heterocycle basicity distinguish homocysteine from cysteine using aldehyde-bearing fluorophores. <i>Chemical Communications</i> , 2014, 50, 8219-8222.	4.1	65
25	Simple enrichment and analysis of plasma lysophosphatidic acids. <i>Analyst, The</i> , 2013, 138, 6852.	3.5	14
26	A Fast Response Highly Selective Probe for the Detection of Glutathione in Human Blood Plasma. <i>Sensors</i> , 2012, 12, 5940-5950.	3.8	78
27	Designing Calcium Release Channel Inhibitors with Enhanced Electron Donor Properties: Stabilizing the Closed State of Ryanodine Receptor Type 1. <i>Molecular Pharmacology</i> , 2012, 81, 53-62.	2.3	12
28	Progress toward red and near-infrared (NIR) emitting saccharide sensors. <i>Pure and Applied Chemistry</i> , 2012, 84, 2443-2456.	1.9	19
29	Live Cell Imaging of a Fluorescent Gentamicin Conjugate. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.5	5
30	Field Effects Induce Bathochromic Shifts in Xanthene Dyes. <i>Journal of the American Chemical Society</i> , 2012, 134, 10502-10508.	13.7	54
31	Live cell imaging of a fluorescent gentamicin conjugate. <i>Natural Product Communications</i> , 2012, 7, 317-20.	0.5	6
32	Detecting specific saccharides via a single indicator. <i>Chemical Communications</i> , 2011, 47, 8295.	4.1	10
33	NIR dyes for bioimaging applications. <i>Current Opinion in Chemical Biology</i> , 2010, 14, 64-70.	6.1	687
34	Homocystamides promote free-radical and oxidative damage to proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 551-554.	7.1	127
35	Selective fluorescence detection of cysteine and N-terminal cysteine peptide residues. <i>Chemical Communications</i> , 2010, 46, 5707.	4.1	110
36	Seminaphthofluorones are a family of water-soluble, low molecular weight, NIR-emitting fluorophores. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8829-8834.	7.1	114

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37	Detection of Biological Thiols. , 2006, , 139-162.		9
38	An Organic White Light-Emitting Fluorophore. Journal of the American Chemical Society, 2006, 128, 14081-14092.	13.7	198
39	Stereochemical and Regiochemical Trends in the Selective Detection of Saccharides. Journal of the American Chemical Society, 2006, 128, 12221-12228.	13.7	72
40	Use of a commercially available reagent for the selective detection of homocysteine in plasma. Nature Protocols, 2006, 1, 2759-2762.	12.0	33
41	A Chemomechanical Polymer that Functions in Blood Plasma with High Glucose Selectivity. Angewandte Chemie - International Edition, 2006, 45, 5319-5322.	13.8	65
42	Lanthanide complexes as fluorescent indicators for neutral sugars and cancer biomarkers. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 9756-9760.	7.1	78
43	Genesis of Fluorophore Formation in Macrocyclic Solutions and the Detection of Glucose and Related Sugars. , 2006, , 21-45.		0
44	A Convenient Preparation of Xanthene Dyes.. ChemInform, 2005, 36, no.	0.0	0
45	A Convenient Preparation of Xanthene Dyes. Journal of Organic Chemistry, 2005, 70, 6907-6912.	3.2	54
46	Detection of Homocysteine and Cysteine. Journal of the American Chemical Society, 2005, 127, 15949-15958.	13.7	563
47	Macrocyclic-Derived Functional Xanthenes and Progress Towards Concurrent Detection of Glucose and Fructose. Journal of Fluorescence, 2004, 14, 611-615.	2.5	27
48	Solution and solid structure of a boc-protected piperidine-spiro-hydantoin as studied by two-dimensional NMR and X-ray crystallography. Journal of Molecular Structure, 2004, 687, 65-72.	3.6	6
49	A Supramolecular Approach to Protein Labeling. A Novel Fluorescent Bioassay for Concanavalin A Activity. Organic Letters, 2004, 6, 1373-1376.	4.6	21
50	Direct Detection of Homocysteine. Journal of the American Chemical Society, 2004, 126, 3400-3401.	13.7	188
51	Visual Detection of Cysteine and Homocysteine. Journal of the American Chemical Society, 2004, 126, 438-439.	13.7	490
52	Mild Colorimetric Detection of Sialic Acid. Collection of Czechoslovak Chemical Communications, 2004, 69, 1282-1291.	1.0	13
53	Postcolumn HPLC Detection of Mono- and Oligosaccharides with a Chemosensor. Organic Letters, 2003, 5, 5007-5010.	4.6	26
54	Chromophore Formation in Resorcinarene Solutions and the Visual Detection of Mono- and Oligosaccharides. Journal of the American Chemical Society, 2002, 124, 5000-5009.	13.7	69

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55	Investigation of the photooxidation of [60]fullerene for the presence of the [5,6]-open oxidoannulene C <sub>60</sub> isomer. Tetrahedron Letters, 2002, 43, 6117-6119.	1.4	17
56	Investigation of the Photooxidation of [60]Fullerene for the Presence of the [5,6]-Open Oxidoannulene C <sub>60</sub> Isomer.. ChemInform, 2002, 33, 117-117.	0.0	0
57	Solid-State Supramolecular Structures of Resorcinol- <i>o</i> -Arylboronic Acid Compounds. Organic Letters, 2001, 3, 2443-2445.	4.6	31
58	The reaction of [60]fullerene with 2-diazo-4,5-dicyanoimidazole. Tetrahedron Letters, 2001, 42, 6823-6825.	1.4	7
59	Convenient synthesis and single-crystal X-ray structures of two tetrafluoro[2,2]paracyclophane isomers. Tetrahedron Letters, 2001, 42, 3555-3557.	1.4	10
60	Convenient Iterative Synthesis of an Octameric Tetracarboxylate-Functionalized Oligophenylene Rod with Divergent End Groups. Organic Letters, 2000, 2, 3201-3204.	4.6	48
61	An Unusual Seven-Bond <sup>1</sup> H Spin Coupling. Organic Letters, 2000, 2, 3813-3815.	4.6	3