

Juan P Fuenzalida

List of Publications by Year in descending order

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23
papers

665
citations

567281

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26
all docs

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docs citations

26
times ranked

1122
citing authors

#	ARTICLE	IF	CITATIONS
1	Alginate beads as a highly versatile test-sample for optoacoustic imaging. <i>Photoacoustics</i> , 2022, 25, 100301.	7.8	2
2	Genetically encoded photo-switchable molecular sensors for optoacoustic and super-resolution imaging. <i>Nature Biotechnology</i> , 2022, 40, 598-605.	17.5	23
3	Croconaine-based nanoparticles enable efficient optoacoustic imaging of murine brain tumors. <i>Photoacoustics</i> , 2021, 22, 100263.	7.8	19
4	Multiplexed whole-animal imaging with reversibly switchable optoacoustic proteins. <i>Science Advances</i> , 2020, 6, eaaz6293.	10.3	27
5	Challenging a Preconception: Optoacoustic Spectrum Differs from the Optical Absorption Spectrum of Proteins and Dyes for Molecular Imaging. <i>Analytical Chemistry</i> , 2020, 92, 10717-10724.	6.5	26
6	Structure-Based Mutagenesis of Phycobiliprotein smURFP for Optoacoustic Imaging. <i>ACS Chemical Biology</i> , 2019, 14, 1896-1903.	3.4	15
7	Photocontrollable Proteins for Optoacoustic Imaging. <i>Analytical Chemistry</i> , 2019, 91, 5470-5477.	6.5	14
8	Light-Responsive Size of Self-Assembled Spiropyran- α -Lysozyme Nanoparticles with Enzymatic Function. <i>Biomacromolecules</i> , 2019, 20, 979-991.	5.4	22
9	Amplification of photoacoustic effect in bimodal polymer particles by self-quenching of indocyanine green. <i>Biomedical Optics Express</i> , 2019, 10, 4775.	2.9	28
10	Metalloporphyrin-polyelectrolyte assemblies in aqueous solution: Influence of the metal center and the polyelectrolyte architecture. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2018, 56, 484-500.	2.1	6
11	Crystal structure of a biliverdin-bound phycobiliprotein: Interdependence of oligomerization and chromophorylation. <i>Journal of Structural Biology</i> , 2018, 204, 519-522.	2.8	12
12	Characterization of Reversibly Switchable Fluorescent Proteins in Optoacoustic Imaging. <i>Analytical Chemistry</i> , 2018, 90, 10527-10535.	6.5	24
13	Functional Supramolecular Porphyrin-Dendrimer Assemblies for Light Harvesting and Photocatalysis. <i>Macromolecules</i> , 2017, 50, 3464-3475.	4.8	38
14	Revised domain structure of ulvan lyase and characterization of the first ulvan binding domain. <i>Scientific Reports</i> , 2017, 7, 44115.	3.3	17
15	New insights into the nature of the Cibacron brilliant red 3B-A α -Chitosan interaction. <i>Pure and Applied Chemistry</i> , 2016, 88, 891-904.	1.9	7
16	On the role of alginate structure in complexing with lysozyme and Application for enzyme delivery. <i>Food Hydrocolloids</i> , 2016, 53, 239-248.	10.7	48
17	Biophysical Analysis of the Molecular Interactions between Polysaccharides and Mucin. <i>Biomacromolecules</i> , 2015, 16, 924-935.	5.4	85
18	Polysaccharide-Protein Nanoassemblies: Novel Soft Materials for Biomedical and Biotechnological Applications. <i>Current Protein and Peptide Science</i> , 2015, 16, 89-99.	1.4	24

#	ARTICLE	IF	CITATIONS
19	Structure of Chitosan Determines Its Interactions with Mucin. <i>Biomacromolecules</i> , 2014, 15, 3550-3558.	5.4	134
20	Immobilization of Hydrophilic Low Molecular-Weight Molecules in Nanoparticles of Chitosan/Poly(sodium 4-styrenesulfonate) Assisted by Aromatic Aromatic Interactions. <i>Journal of Physical Chemistry B</i> , 2014, 118, 9782-9791.	2.6	25
21	Affinity Protein-Based FRET Tools for Cellular Tracking of Chitosan Nanoparticles and Determination of the Polymer Degree of Acetylation. <i>Biomacromolecules</i> , 2014, 15, 2532-2539.	5.4	14
22	Different Models on Binding of Aromatic Counterions to Polyelectrolytes. <i>Molecular Crystals and Liquid Crystals</i> , 2010, 522, 136/[436]-147/[447].	0.9	8
23	Comparative Study of the Self-Aggregation of Rhodamine 6G in the Presence of Poly(sodium Tj ETQq1 1 0.784314 rgBT /Overlock 10 T) Poly(styrene- <i>alt</i> -maleic acid), and Poly(sodium acrylate). <i>Journal of Physical Chemistry B</i> , 2010, 114, 11983-11992.	2.6	45