# Johan Fabian Galindo

List of Publications by Year
in descending order



| 23 | 313 | 1040056 | 839539 |
|---|---|---|---|
| papers | citations | 9 h-index | 18 g-index |

| 24 | 24 | 24 | 589 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Coherent exciton-vibrational dynamics and energy transfer in conjugated organics. Nature Communications, 2018, 9, 2316. | 12.8 | 71 |
| 2 | Dynamics of Energy Transfer in a Conjugated Dendrimer Driven by Ultrafast Localization of Excitations. Journal of the American Chemical Society, 2015, 137, 11637-11644. | 13.7 | 50 |
| 3 | Structures of Biomolecular Ions in the Gas Phase Probed by Infrared Light Sources. Annual Review of Analytical Chemistry, 2013, 6, 267-285. | 5.4 | 37 |
| 4 | Crown Complexation of Protonated Amino Acids: Influence on IRMPD Spectra. Journal of Physical Chemistry A, 2013, 117, 1181-1188. | 2.5 | 28 |
| 5 | Enhancement in Organic Photovoltaic Efficiency through the Synergistic Interplay of Molecular Donor Hydrogen Bonding and Ï€â€stacking. Advanced Functional Materials, 2015, 25, 5166-5177. | 14.9 | 27 |
| 6 | Unraveling Direct and Indirect Energy Transfer Pathways in a Light-Harvesting Dendrimer. Journal of Physical Chemistry C, 2020, 124, 22383-22391. | 3.1 | 12 |
| 7 | The role of LasR active site amino acids in the interaction with the Acyl Homoserine Lactones (AHLs) analogues: A computational study. Journal of Molecular Graphics and Modelling, 2019, 86, 113-124. | 2.4 | 11 |
| 8 | tRNA structure from a graph and quantum theoretical perspective. Journal of Theoretical Biology, 2006, 240, 574-582. | 1.7 | 10 |
| 9 | Revisiting the Dielectric Constant Effect on the Nucleophile and Leaving Group of Prototypical Backside S<sub>N</sub>2 Reactions: A Reaction Force and Atomic Contribution Analysis. Journal of Physical Chemistry A, 2016, 120, 8360-8368. | 2.5 | 10 |
| 10 | Recombinant laccase rPOXA 1B real-time, accelerated and molecular dynamics stability study. BMC Biotechnology, 2021, 21, 37. | 3.3 | 10 |
| 11 | Electronic Excited State Specific IR Spectra for Phenylene Ethynylene Dendrimer Building Blocks. Journal of Physical Chemistry C, 2013, 117, 26517-26528. | 3.1 | 8 |
| 12 | Insights into the Effect of Lowe Syndrome-Causing Mutation p.Asn591Lys of OCRL-1 through Proteinâ€“Protein Interaction Networks and Molecular Dynamics Simulations. Journal of Chemical Information and Modeling, 2020, 60, 1019-1027. | 5.4 | 8 |
| 13 | QM/MM Molecular Dynamics Study of the Galactopyranose â†' Galactofuranose Reaction Catalysed by Trypanosoma cruzi UDP-Galactopyranose Mutase. PLoS ONE, 2014, 9, e109559. | 2.5 | 6 |
| 14 | Nature of Color Diversity in Phenylenevinylene-Based Polymorphs. Crystal Growth and Design, 2019, 19, 3913-3922. | 3.0 | 6 |
| 15 | Variations in the Electrostatic Landscape of Class II Human Leukocyte Antigen Molecule Induced by Modifications in the Myelin Basic Protein Peptide: A Theoretical Approach. PLoS ONE, 2009, 4, e4164. | 2.5 | 6 |
| 16 | Hydrogen bond directed assembly of oligothiophene/fullerene superstructures on Au(111). Organic Electronics, 2015, 19, 61-69. | 2.6 | 5 |
| 17 | D-Mannoside FimH Inhibitors as Non-Antibiotic Alternatives for Uropathogenic Escherichia coli. Antibiotics, 2021, 10, 1072. | 3.7 | 4 |
| 18 | Electrostatic potential as a tool to understand interactions between malaria vaccine candidate peptides and MHC II molecules. Biochemical and Biophysical Research Communications, 2011, 410, 410-415. | 2.1 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The any particle molecular orbital/molecular mechanics approach. Journal of Molecular Modeling, 2019, 25, 316. | 1.8 | 1 |
| 20 | Evaluation of Conserved RNA Secondary Structures within and between Geographic Lineages of Zika Virus. Life, 2021, 11, 344. | 2.4 | 1 |
| 21 | Back-and-Forth Energy Transfer during Electronic Relaxation in a Chlorinâ€“Perylene Dyad. Journal of Physical Chemistry Letters, 2021, 12, 10394-10401. | 4.6 | 1 |
| 22 | A classification of central nucleotides induced by the influence of neighboring nucleotides in triplets. Computational and Theoretical Chemistry, 2006, 769, 103-109. | 1.5 | 0 |
| 23 | SÃntesis De Una Base De Schiff A Partir De Dopamina Y CinamaldehÃdo. Ciencia En Desarrollo, 2021, 12, . | 0.1 | 0 |