

# Manuel I Osorio

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3016700/publications.pdf>

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9  
papers

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1937685  
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docs citations

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84  
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#	ARTICLE	IF	CITATIONS
1	Exploring the structure–function relationship in a hypothetical membrane protein from a nucleotide sequence. <i>Biochemistry and Molecular Biology Education</i> , 2021, 49, 652-657.	1.2	0
2	Theobroma cacao L. compounds: Theoretical study and molecular modeling as inhibitors of main SARS-CoV-2 protease. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111764.	5.6	17
3	Biotransformation of 2,4,6-Trinitrotoluene by <i>Pseudomonas</i> sp. TNT3 isolated from Deception Island, Antarctica. <i>Environmental Pollution</i> , 2020, 262, 113922.	7.5	22
4	Odd Loop Regions of XenA and XenB Enzymes Modulate Their Interaction with Nitro-explosives Compounds and Provide Structural Support for Their Regioselectivity. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 3860-3870.	5.4	3
5	Modulation of glucan–enzyme interactions by domain V in GTF–SI from <i>Streptococcus mutans</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2019, 87, 74-80.	2.6	7
6	A QM/MM approach on the structural and stereoelectronic factors governing glycosylation by GTF-SI from <i>Streptococcus mutans</i> . <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 2438-2447.	2.8	14
7	Local conditions for global stability in the space of codons of the genetic code. <i>BioSystems</i> , 2016, 150, 73-77.	2.0	4
8	Probable relationship between partitions of the set of codons and the origin of the genetic code. <i>BioSystems</i> , 2014, 117, 77-81.	2.0	3
9	The most probable number of blocks for the partitions of the set of codons could have determined the number of standard amino acids. <i>BioSystems</i> , 2012, 109, 133-136.	2.0	3