

# Marcos A Oliveira Ph D

## List of Publications by Year in descending order

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25  
papers

1,517  
citations

516710

16  
h-index

642732

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1830  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyamines Are Essential for the Formation of Plague Biofilm. <i>Journal of Bacteriology</i> , 2006, 188, 2355-2363.	2.2	176
2	The structure of human rhinovirus 16. <i>Structure</i> , 1993, 1, 51-68.	3.3	156
3	The refined structure of human rhinovirus 16 at 2.15 Å... resolution: implications for the viral life cycle. <i>Structure</i> , 1997, 5, 427-441.	3.3	151
4	Structure of mammalian ornithine decarboxylase at 1.6 Å... resolution: stereochemical implications of PLP-dependent amino acid decarboxylases. <i>Structure</i> , 1999, 7, 567-581.	3.3	145
5	Crystal structure of human ornithine decarboxylase at 2.1 Å resolution: structural insights to antizyme binding. <i>Journal of Molecular Biology</i> , 2000, 295, 7-16.	4.2	132
6	Polyamines in Bacteria: Pleiotropic Effects yet Specific Mechanisms. <i>Advances in Experimental Medicine and Biology</i> , 2007, 603, 106-115.	1.6	122
7	Mithramycin SK, A Novel Antitumor Drug with Improved Therapeutic Index, Mithramycin SA, and Demycarosyl-mithramycin SK: Three New Products Generated in the Mithramycin Producer <i>Streptomyces argillaceus</i> through Combinatorial Biosynthesis. <i>Journal of the American Chemical Society</i> , 2003, 125, 5745-5753.	13.7	118
8	Characterization of Kinetics and Products of the Baeyer-Villiger Oxygenase MtmOIV, The Key Enzyme of the Biosynthetic Pathway toward the Natural Product Anticancer Drug Mithramycin from <i>Streptomyces argillaceus</i> . <i>Journal of the American Chemical Society</i> , 2005, 127, 17594-17595.	13.7	107
9	A Comparison of the Anti-rhinoviral Drug Binding Pocket in HRV14 and HRV1A. <i>Journal of Molecular Biology</i> , 1993, 230, 206-226.	4.2	91
10	Polyamines are required for the expression of key Hms proteins important for <i>Yersinia pestis</i> biofilm formation. <i>Environmental Microbiology</i> , 2010, 12, 2034-2047.	3.8	60
11	Structural Studies on Human Rhinovirus 14 Drug-resistant Compensation Mutants. <i>Journal of Molecular Biology</i> , 1995, 253, 61-73.	4.2	47
12	RADSex: A computational workflow to study sex determination using restriction site-associated DNA sequencing data. <i>Molecular Ecology Resources</i> , 2021, 21, 1715-1731.	4.8	40
13	Three-dimensional structures of drug-resistant mutants of human rhinovirus 14. <i>Journal of Molecular Biology</i> , 1989, 207, 163-174.	4.2	34
14	Partitioning of molecular variation at local spatial scales in the vulnerable neotropical freshwater turtle, <i>Hydromedusa maximiliani</i> (Testudines, Chelidae): implications for the conservation of aquatic organisms in natural hierarchical systems. <i>Biological Conservation</i> , 2002, 104, 119-126.	4.1	32
15	Preliminary X-ray crystallographic analysis of intercellular adhesion molecule-1. <i>Journal of Molecular Biology</i> , 1992, 225, 1127-1130.	4.2	20
16	Estimating dispersal and gene flow in the neotropical freshwater turtle <i>Hydromedusa maximiliani</i> (Chelidae) by combining ecological and genetic methods. <i>Genetics and Molecular Biology</i> , 2002, 25, 151-155.	1.3	17
17	Preliminary Phylogeographic Analysis of the Neotropical Freshwater Turtle <i>Hydromedusa maximiliani</i> (Chelidae). <i>Journal of Herpetology</i> , 2003, 37, 427-433.	0.5	16
18	Characterization of vasa homolog in a neotropical catfish, <i>Jundia</i> ( <i>Rhamdia quelen</i> ): Molecular cloning and expression analysis during embryonic and larval development. <i>Gene</i> , 2018, 654, 116-126.	2.2	15

#	ARTICLE	IF	CITATIONS
19	Spectrophotometric and Steady-State Kinetic Analysis of the Biosynthetic Arginine Decarboxylase of <i>Yersinia pestis</i> Utilizing Arginine Analogues as Inhibitors and Alternative Substrates. <i>Biochemistry</i> , 2003, 42, 15189-15196.	2.5	11
20	Crystallization and X-ray diffraction properties of Baeyer-Villiger monoxygenase MtmOIV from the mithramycin biosynthetic pathway in <i>Streptomyces argillaceus</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2005, 61, 1023-1026.	0.7	7
21	The GTP Effector Site of Ornithine Decarboxylase from <i>Lactobacillus 30a</i> : Kinetic and Structural Characterization. <i>Biochemistry</i> , 1997, 36, 16147-16154.	2.5	6
22	Crystallization of a mammalian ornithine decarboxylase. , 1996, 24, 266-268.		5
23	Investigating the Geminal Diamine Intermediate of <i>Yersinia pestis</i> Arginine Decarboxylase with Substrate, Product, and Inhibitors Using Single Wavelength Stopped-Flow Spectroscopy. <i>Biochemistry</i> , 2007, 46, 379-386.	2.5	4
24	Molecular characterization and expression analysis of anti-M $\beta$ 1/4llerian hormone in common carp ( <i>Cyprinus carpio</i> ) adult testes. <i>Gene Expression Patterns</i> , 2021, 40, 119169.	0.8	4
25	Structure of a Human Rhinovirus Complexed with its Receptor Molecule. , 1993, , 1-12.		1