

# Antonio Ortiz

## List of Publications by Year in descending order

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22  
papers

1,205  
citations

471509

17  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1400  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular mechanism of membrane permeabilization by the peptide antibiotic surfactin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2003, 1611, 91-97.	2.6	273
2	Aggregation behaviour of a dirhamnolipid biosurfactant secreted by <i>Pseudomonas aeruginosa</i> in aqueous media. <i>Journal of Colloid and Interface Science</i> , 2007, 307, 246-253.	9.4	139
3	Further aspects on the hemolytic activity of the antibiotic lipopeptide iturin A. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2005, 1713, 51-56.	2.6	122
4	A study on the interactions of surfactin with phospholipid vesicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1999, 1418, 307-319.	2.6	90
5	Effects of dirhamnolipid on the structural properties of phosphatidylcholine membranes. <i>International Journal of Pharmaceutics</i> , 2006, 325, 99-107.	5.2	79
6	A differential scanning calorimetry study of the interaction of free fatty acids with phospholipid membranes. <i>Chemistry and Physics of Lipids</i> , 1987, 45, 75-91.	3.2	64
7	Thermodynamics of the Interaction of a Dirhamnolipid Biosurfactant Secreted by <i>Pseudomonas aeruginosa</i> with Phospholipid Membranes. <i>Langmuir</i> , 2007, 23, 2700-2705.	3.5	62
8	A differential scanning calorimetry study of the interaction of $\alpha$ -tocopherol with mixtures of phospholipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1987, 898, 214-222.	2.6	60
9	Physicochemical characterization of a monorhamnolipid secreted by <i>Pseudomonas aeruginosa</i> MAO1 in aqueous media. An experimental and molecular dynamics study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 101, 256-265.	5.0	58
10	New pH-sensitive liposomes containing phosphatidylethanolamine and a bacterial dirhamnolipid. <i>Chemistry and Physics of Lipids</i> , 2011, 164, 16-23.	3.2	52
11	Antimycotic activity of fengycin C biosurfactant and its interaction with phosphatidylcholine model membranes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 156, 114-122.	5.0	48
12	Thermodynamic and Structural Changes Associated with the Interaction of a Dirhamnolipid Biosurfactant with Bovine Serum Albumin. <i>Langmuir</i> , 2008, 24, 6487-6495.	3.5	33
13	Interaction of a bacterial dirhamnolipid with phosphatidylcholine membranes: a biophysical study. <i>Chemistry and Physics of Lipids</i> , 2009, 161, 51-55.	3.2	33
14	Interaction of the Lipopeptide Biosurfactant Lichenysin with Phosphatidylcholine Model Membranes. <i>Langmuir</i> , 2017, 33, 9997-10005.	3.5	22
15	Effects of a synthetic antitumoral catechin and its tyrosinase-processed product on the structural properties of phosphatidylcholine membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 1215-1224.	2.6	20
16	Effect of a dirhamnolipid biosurfactant on the structure and phase behaviour of dimyristoylphosphatidylserine model membranes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 185, 110576.	5.0	19
17	Kinetic and Structural Aspects of the Permeabilization of Biological and Model Membranes by Lichenysin. <i>Langmuir</i> , 2016, 32, 78-87.	3.5	17
18	Effect of pH and temperature on the aggregation behaviour of dirhamnolipid biosurfactant. An experimental and molecular dynamics study. <i>Journal of Colloid and Interface Science</i> , 2021, 597, 160-170.	9.4	8

#	ARTICLE	IF	CITATIONS
19	Interaction of trialkyltin(IV) chlorides with sarcoplasmic reticulum calcium ATPase. Applied Organometallic Chemistry, 2012, 26, 583-592.	3.5	2
20	Interaction of a dirhamnolipid biosurfactant with sarcoplasmic reticulum calcium ATPase (SERCA1a). Archives of Biochemistry and Biophysics, 2021, 699, 108764.	3.0	2
21	Kinetic characterization of Ca <sup>2+</sup> -ATPase (SERCA1) inhibition by tri-n-butyltin(IV) chloride. A docking conformation proposal. Journal of Biomolecular Structure and Dynamics, 2015, 33, 1211-1224.	3.5	1
22	Dissimilar action of tamoxifen and 4-hydroxytamoxifen on phosphatidylcholine model membranes. Biophysical Chemistry, 2021, 278, 106681.	2.8	1