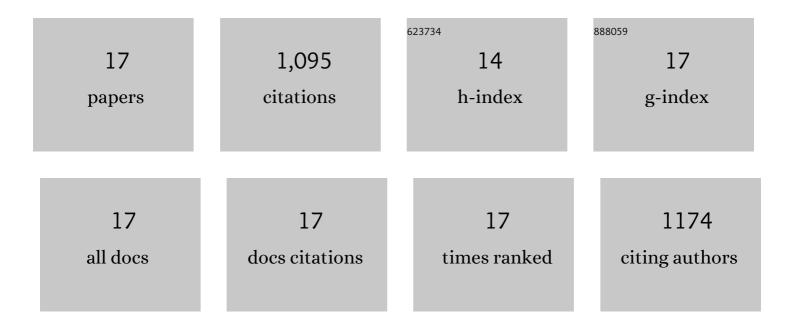
Diego de Mendoza

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Interhelical H-Bonds Modulate the Activity of a Polytopic Transmembrane Kinase. Biomolecules, 2021, 11, 938.	4.0	3
2	Control of membrane lipid homeostasis by lipid-bilayer associated sensors: A mechanism conserved from bacteria to humans. Progress in Lipid Research, 2019, 76, 100996.	11.6	48
3	Transmembrane Prolines Mediate Signal Sensing and Decoding in Bacillus subtilis DesK Histidine Kinase. MBio, 2019, 10, .	4.1	21
4	A genetic screen for mutations affecting temperature sensing in Bacillus subtilis. Microbiology (United Kingdom), 2019, 165, 90-101.	1.8	3
5	Signal Sensing and Transduction by Histidine Kinases as Unveiled through Studies on a Temperature Sensor. Accounts of Chemical Research, 2017, 50, 1359-1366.	15.6	46
6	The Single Transmembrane Segment of Minimal Sensor DesK Senses Temperature via a Membrane-Thickness Caliper. Journal of Bacteriology, 2016, 198, 2945-2954.	2.2	20
7	A coiled coil switch mediates cold sensing by the thermosensory protein <scp>DesK</scp> . Molecular Microbiology, 2015, 98, 258-271.	2.5	50
8	Thermosensing via transmembrane protein–lipid interactions. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 1757-1764.	2.6	22
9	Activation of the bacterial thermosensor DesK involves a serine zipper dimerization motif that is modulated by bilayer thickness. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6353-6358.	7.1	44
10	Cerulenin inhibits unsaturated fatty acids synthesis in <i>Bacillus subtilis</i> by modifying the input signal of DesK thermosensor. MicrobiologyOpen, 2014, 3, 213-224.	3.0	29
11	A lipid-mediated conformational switch modulates the thermosensing activity of DesK. Proceedings of the United States of America, 2014, 111, 3579-3584.	7.1	69
12	Temperature Sensing by Membranes. Annual Review of Microbiology, 2014, 68, 101-116.	7.3	140
13	Regulation of <i>Bacillus subtilis</i> DesK thermosensor by lipids. Biochemical Journal, 2013, 451, 269-275.	3.7	27
14	Membrane Thickness Cue for Cold Sensing in a Bacterium. Current Biology, 2010, 20, 1539-1544.	3.9	116
15	Structural plasticity and catalysis regulation of a thermosensor histidine kinase. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 16185-16190.	7.1	155
16	Transcriptional Control of the Low-Temperature-Inducible <i>des</i> Gene, Encoding the Δ5 Desaturase of <i>Bacillus subtilis</i> . Journal of Bacteriology, 1999, 181, 7028-7033.	2.2	80
17	A <i>Bacillus subtilis</i> Gene Induced by Cold Shock Encodes a Membrane Phospholipid Desaturase. Journal of Bacteriology, 1998, 180, 2194-2200.	2.2	222