

Kenneth W Foster

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

278
citations

1651377

6
h-index

1336881

12
g-index

14
all docs

14
docs citations

14
times ranked

303
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for a self-organized compliant mechanism for the spontaneous steady beating of cilia. Cytoskeleton, 2017, 74, 260-280.	1.0	6
2	Analysis of the forces acting on beating cilia. Journal Physics D: Applied Physics, 2016, 49, 255401.	1.3	4
3	Evidence from Chlamydomonas on the Photoactivation of Rhodopsins without Isomerization of Their Chromophore. Chemistry and Biology, 2011, 18, 733-742.	6.2	6
4	Analysis of the Ciliary/Flagellar Beating of Chlamydomonas. Methods in Cell Biology, 2009, 91, 173-239.	0.5	4
5	Roles of cyclic AMP in regulation of phototaxis in Chlamydomonas reinhardtii. Biologia (Poland), 2009, 64, 1058-1065.	0.8	21
6	Eye Evolution: Two Eyes Can Be Better Than One. Current Biology, 2009, 19, R208-R210.	1.8	5
7	Linear systems analysis of the ciliary steering behavior associated with negative-phototaxis in Chlamydomonas reinhardtii. Cytoskeleton, 2006, 63, 758-777.	4.4	22
8	Dynamics of a sensory signaling network in a unicellular eukaryote. , 2006, 2006, 252-5.		2
9	Dynamics of a sensory signaling network in a unicellular eukaryote. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0
10	Photoreceptor for Curling Behavior in Peranema trichophorum and Evolution of Eukaryotic Rhodopsins. Eukaryotic Cell, 2005, 4, 1605-1612.	3.4	15
11	Making a Robust Biomolecular Time Scale for Phylogenetic Studies. Protist, 2003, 154, 43-55.	0.6	3
12	Rhodopsin guides fungal phototaxis. Nature, 1997, 387, 465-466.	13.7	128
13	Light induces accumulation of isocitrate lyase mRNA in a carotenoid-deficient mutant of Chlamydomonas reinhardtii. Plant Molecular Biology, 1997, 33, 381-392.	2.0	19
14	ALL-trans-RETINAL IS THE CHROMOPHORE BOUND TO THE PHOTORECEPTOR OF THE ALGA: Chlamydomonas reinhardtii. Photochemistry and Photobiology, 1991, 54, 1017-1021.	1.3	43