

Giovanni Checcucci

List of Publications by Year in descending order

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32
papers

478
citations

687363

13
h-index

677142

22
g-index

34
all docs

34
docs citations

34
times ranked

302
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical Structure of Blepharismine, the Photosensor Pigment for <i>Blepharisma japonicum</i> . <i>Journal of the American Chemical Society</i> , 1997, 119, 5762-5763.	13.7	60
2	Salt-stress induced changes in the leaf proteome of diploid and tetraploid mandarins with contrasting Na ⁺ and Cl ⁻ accumulation behaviour. <i>Journal of Plant Physiology</i> , 2013, 170, 1101-1112.	3.5	51
3	ACTION SPECTRA OF THE PHOTOPHOBIC RESPONSE OF BLUE AND RED FORMS OF <i>Blepharisma japonicum</i> . <i>Photochemistry and Photobiology</i> , 1993, 57, 686-689.	2.5	47
4	Photoreception and photomovements of microorganisms This paper is dedicated to our querida Professor Silvia Braslavsky on the occasion of her 60th birthday.. <i>Photochemical and Photobiological Sciences</i> , 2002, 1, 459-467.	2.9	32
5	A laser flash photolysis study of the triplet states of the red and the blue forms of <i>Blepharisma japonicum</i> pigment. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1992, 13, 315-321.	3.8	28
6	Effects of UV-B irradiation on motility and photoresponsiveness of the coloured ciliate <i>Blepharisma japonicum</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1995, 27, 243-249.	3.8	21
7	Primary Photoprocesses Involved in the Sensory Protein for the Photophobic Response of <i>Blepharisma japonicum</i> . <i>Journal of Physical Chemistry B</i> , 2008, 112, 15182-15194.	2.6	21
8	New trends in photobiology. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1992, 15, 185-198.	3.8	20
9	Electron Transfer Fluorescence Quenching of <i>Blepharisma japonicum</i> Photoreceptor Pigments. <i>Photochemistry and Photobiology</i> , 1998, 68, 864-868.	2.5	20
10	The in vitro Photoinactivation of <i>Helicobacter pylori</i> by a Novel LED-Based Device. <i>Frontiers in Microbiology</i> , 2020, 11, 283.	3.5	20
11	A videomicroscopic study of the effect of a singlet oxygen quencher on <i>Blepharisma japonicum</i> photobehavior. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1991, 11, 49-55.	3.8	18
12	Photosensory transduction in ciliates. Role of intracellular pH and comparison between <i>Stentor coeruleus</i> and <i>Blepharisma japonicum</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1993, 21, 47-52.	3.8	17
13	Analyses of Structure of Photoreceptor Organelle and Blepharismine-associated Protein in Unicellular Eukaryote <i>Blepharisma</i> . <i>Photochemistry and Photobiology</i> , 2000, 72, 709.	2.5	15
14	MICROWAVE DRYING OF HERBARIUM SPECIMENS. <i>Taxon</i> , 1985, 34, 649-653.	0.7	14
15	Sensory perception and transduction of UV-B radiation by the ciliate <i>Blepharisma japonicum</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1997, 1336, 23-27.	2.4	13
16	Spectroscopic study of the chromophore-protein association and primary photoinduced events in the photoreceptor of <i>Blepharisma japonicum</i> . <i>Photochemical and Photobiological Sciences</i> , 2005, 4, 754.	2.9	12
17	Target Analysis of Primary Photoprocesses Involved in the Oxyblepharismine-Binding Protein. <i>Journal of Physical Chemistry B</i> , 2007, 111, 690-696.	2.6	12
18	Circular Dichroism of the Photoreceptor Pigment Oxyblepharismine. <i>Photochemistry and Photobiology</i> , 2005, 81, 1343.	2.5	10

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19	Picosecond transient circular dichroism of the photoreceptor protein of the light-adapted form of <i>Blepharisma japonicum</i> . <i>Chemical Physics Letters</i> , 2009, 483, 133-137.	2.6	10
20	Primary photoprocesses in oxyblepharism in interacting with its native protein partner. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 185, 345-353.	3.9	6
21	Action Spectra for UVB Impacts on <i>Blepharisma japonicum</i> Motility and Photobehavior. <i>Photochemistry and Photobiology</i> , 1999, 69, 86-90.	2.5	5
22	Steady-state and femtosecond photoinduced processes of blepharismins bound to alpha-crystallin. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 844.	2.9	5
23	Evidence for ciliary pigment localization in colored ciliates and implications for their photosensory transduction chain: A confocal microscopy study. <i>Microscopy Research and Technique</i> , 2007, 70, 1028-1033.	2.2	4
24	Biophysical and Cellular Effects of Microwaves Interacting with Plant Tissues. <i>The Journal of Microwave Power</i> , 1985, 20, 153-159.	0.1	3
25	UVB Monochromatic Action Spectrum for the Inhibition of Photosynthetic Oxygen Production in the Green Alga <i>Dunaliella salina</i> . <i>Photochemistry and Photobiology</i> , 1998, 68, 276-280.	2.5	3
26	Analyses of Structure of Photoreceptor Organelle and Blepharism in-associated Protein in Unicellular Eukaryote <i>Blepharisma</i> . <i>Photochemistry and Photobiology</i> , 2007, 72, 709-713.	2.5	2
27	Main photophysical properties of oxyblepharism in. <i>Biophysical Chemistry</i> , 2017, 229, 5-10.	2.8	2
28	Fluorescence lifetime microscopy reveals the biologically-related photophysical heterogeneity of oxyblepharism in light-adapted (blue) <i>Blepharisma japonicum</i> cells. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 1502-1511.	2.9	0
29	Photomovements of Microorganisms. , 2003, , .		0
30	Photomovements in Eukaryotic Microorganisms. , 2012, , 1161-1172.		0
31	UVB Monochromatic Action Spectrum for the Inhibition of Photosynthetic Oxygen Production in the Green Alga <i>Dunaliella salina</i> . <i>Photochemistry and Photobiology</i> , 1998, 68, 276.	2.5	0
32	Aesthetical presentation of a devotional artwork. Issues and possible virtual solutions. <i>Ge-Conservacion</i> , 2020, 18, 307-312.	0.2	0