

John C Sutherland

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

466
citations

840776

11
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

355
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological Effects of Polychromatic Light. Photochemistry and Photobiology, 2002, 76, 164.	2.5	94
2	Biological Effects of Polychromatic Light. Photochemistry and Photobiology, 2002, 76, 164-170.	2.5	61
3	PYRIMIDINE DIMER FORMATION IN HUMAN SKIN. Photochemistry and Photobiology, 1987, 46, 207-212.	2.5	42
4	Quantifying DNA damage by gel electrophoresis, electronic imaging and number-average length analysis. Electrophoresis, 2001, 22, 843-854.	2.4	40
5	ALFALFA SEEDLINGS GROWN OUTDOORS ARE MORE RESISTANT TO UV-INDUCED DNA DAMAGE THAN PLANTS GROWN IN A UV-FREE ENVIRONMENTAL CHAMBER. Photochemistry and Photobiology, 1994, 60, 363-367.	2.5	39
6	VACUUM ULTRAVIOLET CIRCULAR DICHROISM OF DOUBLE STRANDED NUCLEIC ACIDS. Photochemistry and Photobiology, 1986, 44, 295-301.	2.5	34
7	Plant Responses to Changing Environmental Stress: Cyclobutyl Pyrimidine Dimer Repair in Soybean Leaves. Photochemistry and Photobiology, 1996, 64, 464-468.	2.5	34
8	The vacuum UV CD bands of repeating DNA sequences are dependent on sequence and conformation. Biopolymers, 1990, 29, 317-323.	2.4	26
9	RESEARCH NOTE.. Photochemistry and Photobiology, 1990, 52, 893-896.	2.5	19
10	A U and G C base pairs in synthetic RNAs have characteristic vacuum UV CD bands. Biopolymers, 1990, 29, 325-333.	2.4	18
11	Repair dependent radiation survival: a stochastic model with Euler gamma function solutions. Physics in Medicine and Biology, 2006, 51, 4883-4901.	3.0	12
12	Separation of chromosomal length DNA molecules: Pneumatic apparatus for rotating gels during electrophoresis. Electrophoresis, 1989, 10, 315-317.	2.4	11
13	Time-resolved fluorescence polarization measurements for entire emission spectra with a resistive-anode, single-photon-counting detector: The Fluorescence Omnilyzer. Review of Scientific Instruments, 1997, 68, 2279-2286.	1.3	10
14	INCANDESCENT LAMPS CAN PRODUCE PYRIMIDINE DIMERS IN DNA. Photochemistry and Photobiology, 1985, 41, 703-705.	2.5	7
15	Linear dichroism of DNA: Characterization of the orientation distribution function caused by hydrodynamic shear. Analytical Biochemistry, 2017, 523, 24-31.	2.4	5
16	Dichrometer Errors Resulting from Large Signals or Improper Modulator Phasing. Chirality, 2012, 24, 706-717.	2.6	4
17	QUANTITATION OF DNA DAMAGE IN NON-RADIOACTIVE DNA. Photochemistry and Photobiology, 1986, 44, 391-396.	2.5	1
18	Measuring fluorescence polarization with a dichrometer. Analytical Biochemistry, 2017, 532, 9-11.	2.4	1

#	ARTICLE	IF	CITATIONS
19	Evolution of experimental applications of synchrotron radiation: A quantitative description. Synchrotron Radiation News, 1999, 12, 26-29.	0.8	0