

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	Measuring fluorescence polarization with a dichrometer. <i>Analytical Biochemistry</i> , 2017, 532, 9-11.	2.4	1
2	Linear dichroism of DNA: Characterization of the orientation distribution function caused by hydrodynamic shear. <i>Analytical Biochemistry</i> , 2017, 523, 24-31.	2.4	5
3	Dichrometer Errors Resulting from Large Signals or Improper Modulator Phasing. <i>Chirality</i> , 2012, 24, 706-717.	2.6	4
4	Repair dependent radiation survival: a stochastic model with Euler gamma function solutions. <i>Physics in Medicine and Biology</i> , 2006, 51, 4883-4901.	3.0	12
5	Biological Effects of Polychromatic Light. <i>Photochemistry and Photobiology</i> , 2002, 76, 164.	2.5	94
6	Biological Effects of Polychromatic Light. <i>Photochemistry and Photobiology</i> , 2002, 76, 164-170.	2.5	61
7	Quantifying DNA damage by gel electrophoresis, electronic imaging and number-average length analysis. <i>Electrophoresis</i> , 2001, 22, 843-854.	2.4	40
8	Evolution of experimental applications of synchrotron radiation: A quantitative description. <i>Synchrotron Radiation News</i> , 1999, 12, 26-29.	0.8	0
9	Time-resolved fluorescence polarization measurements for entire emission spectra with a resistive-anode, single-photon-counting detector: The Fluorescence Omnilyzer. <i>Review of Scientific Instruments</i> , 1997, 68, 2279-2286.	1.3	10
10	Plant Responses to Changing Environmental Stress: Cyclobutyl Pyrimidine Dimer Repair in Soybean Leaves. <i>Photochemistry and Photobiology</i> , 1996, 64, 464-468.	2.5	34
11	ALFALFA SEEDLINGS GROWN OUTDOORS ARE MORE RESISTANT TO UV-INDUCED DNA DAMAGE THAN PLANTS GROWN IN A UV-FREE ENVIRONMENTAL CHAMBER. <i>Photochemistry and Photobiology</i> , 1994, 60, 363-367.	2.5	39
12	RESEARCH NOTE.. <i>Photochemistry and Photobiology</i> , 1990, 52, 893-896.	2.5	19
13	The vacuum UV CD bands of repeating DNA sequences are dependent on sequence and conformation. <i>Biopolymers</i> , 1990, 29, 317-323.	2.4	26
14	A · U and G · C base pairs in synthetic RNAs have characteristic vacuum UV CD bands. <i>Biopolymers</i> , 1990, 29, 325-333.	2.4	18
15	Separation of chromosomal length DNA molecules: Pneumatic apparatus for rotating gels during electrophoresis. <i>Electrophoresis</i> , 1989, 10, 315-317.	2.4	11
16	PYRIMIDINE DIMER FORMATION IN HUMAN SKIN. <i>Photochemistry and Photobiology</i> , 1987, 46, 207-212.	2.5	42
17	VACUUM ULTRAVIOLET CIRCULAR DICHROISM OF DOUBLE STRANDED NUCLEIC ACIDS. <i>Photochemistry and Photobiology</i> , 1986, 44, 295-301.	2.5	34
18	QUANTITATION OF DNA DAMAGE IN NON-RADIOACTIVE DNA. <i>Photochemistry and Photobiology</i> , 1986, 44, 391-396.	2.5	1

#	ARTICLE	IF	CITATIONS
19	INCANDESCENT LAMPS CAN PRODUCE PYRIMIDINE DIMERS IN DNA. Photochemistry and Photobiology, 1985, 41, 703-705.	2.5	7