

Slobodan

List of Publications by Year in descending order

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33
papers

5,456
citations

279487

23
h-index

433756

31
g-index

33
all docs

33
docs citations

33
times ranked

4796
citing authors

#	ARTICLE	IF	CITATIONS
1	How Easily Oxidizable Is DNA? One-Electron Reduction Potentials of Adenosine and Guanosine Radicals in Aqueous Solution. <i>Journal of the American Chemical Society</i> , 1997, 119, 617-618.	6.6	1,355
2	Flavonoids as Antioxidants. <i>Journal of the American Chemical Society</i> , 1994, 116, 4846-4851.	6.6	1,070
3	H-Atom Transfer Is A Preferred Antioxidant Mechanism of Curcumin. <i>Journal of the American Chemical Society</i> , 1999, 121, 9677-9681.	6.6	382
4	Reduction potentials of flavonoid and model phenoxyl radicals. Which ring in flavonoids is responsible for antioxidant activity?. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996, , 2497.	0.9	289
5	Antioxidant Potential of Gallocatechins. A Pulse Radiolysis and Laser Photolysis Study. <i>Journal of the American Chemical Society</i> , 1995, 117, 9881-9888.	6.6	258
6	The Trap Depth (in DNA) of 8-Oxo-7,8-dihydro-2â€deoxyguanosine as Derived from Electron-Transfer Equilibria in Aqueous Solution. <i>Journal of the American Chemical Society</i> , 2000, 122, 2373-2374.	6.6	258
7	Antioxidation mechanisms of uric acid. <i>Journal of the American Chemical Society</i> , 1989, 111, 5778-5782.	6.6	249
8	How Curcumin Works Preferentially with Water Soluble Antioxidants. <i>Journal of the American Chemical Society</i> , 2001, 123, 3064-3068.	6.6	228
9	One-electron redox potentials of purines and pyrimidines. <i>The Journal of Physical Chemistry</i> , 1986, 90, 974-978.	2.9	180
10	Biomarkers of oxidative stress are significantly elevated in Down syndrome. <i>Free Radical Biology and Medicine</i> , 1998, 25, 1044-1048.	1.3	179
11	Electron-transfer reactions of tryptophan and tyrosine derivatives. <i>The Journal of Physical Chemistry</i> , 1986, 90, 1935-1939.	2.9	143
12	Mechanism of OH radical reactions with thymine and uracil derivatives. <i>Journal of the American Chemical Society</i> , 1986, 108, 5968-5972.	6.6	120
13	Electron-transfer reactions of alkylperoxy radicals. <i>Journal of the American Chemical Society</i> , 1992, 114, 9018-9021.	6.6	99
14	Substituent effects on the spectral, acid-base, and redox properties of indolyl radicals: a pulse radiolysis study. <i>The Journal of Physical Chemistry</i> , 1992, 96, 6674-6679.	2.9	86
15	The DNA guanyl radical: kinetics and mechanisms of generation and repair. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1989, 1008, 39-44.	2.4	79
16	Antioxidant Potential of Theaflavins. A Pulse Radiolysis Study. <i>Journal of the American Chemical Society</i> , 1997, 119, 5337-5343.	6.6	66
17	Repair of tryptophan radicals by antioxidants. <i>Journal of Free Radicals in Biology & Medicine</i> , 1985, 1, 125-129.	2.1	63
18	Antioxidant activity of the pyridoindole stobadine. Pulse radiolytic characterization of one-electron-oxidized stobadine and quenching of singlet molecular oxygen. <i>Chemical Research in Toxicology</i> , 1992, 5, 355-360.	1.7	60

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19	Kinetics and energetics of one-electron-transfer reactions involving tryptophan neutral and cation radicals. <i>The Journal of Physical Chemistry</i> , 1991, 95, 684-687.	2.9	58
20	One-electron reduction potentials of 5-indoxyl radicals: a pulse radiolysis and laser photolysis study. <i>The Journal of Physical Chemistry</i> , 1990, 94, 3583-3588.	2.9	46
21	Laser flash photolysis of dinaphthyl ketones. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1997, 107, 153-158.	2.0	41
22	Heterocyclic thiols as antioxidants: Why Ovothiols C is a better antioxidant than ergothioneine. <i>Free Radical Biology and Medicine</i> , 1995, 18, 679-685.	1.3	40
23	Is α -Frank-DNA-Strand Breakage via the Guanine Radical Thermodynamically and Sterically Possible?. <i>Chemistry - A European Journal</i> , 2001, 7, 2829-2833.	1.7	35
24	Uncovering uranium isotopic heterogeneity of fuel pellets from the fifth collaborative materials exercise of The Nuclear Forensics International Technical Working Group. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 326, 1853-1866.	0.7	15
25	Bioaccessibility of Uranium in Soil Samples from Port Hope, Ontario, Canada. <i>Environmental Science & Technology</i> , 2012, 46, 9012-9018.	4.6	12
26	Heterocyclic Resonant Radicals. <i>Free Radical Research Communications</i> , 1989, 6, 113-115.	1.8	11
27	Magnetic field effects on radical pairs photochemically derived from 2,3,6,7-dibenzofluorenone. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1998, 113, 197-201.	2.0	11
28	Trace analysis of uranium ore concentrates using laser ablation inductively coupled plasma mass spectrometry for nuclear forensics. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 323, 831-838.	0.7	11
29	Formation and reactivity of carboxyphenyl radicals in aqueous solution. <i>Radiation Physics and Chemistry</i> , 1998, 51, 293-303.	1.4	5
30	Nuclear forensic analysis with laser ablation inductively coupled plasma mass spectrometry in CMX-6. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 329, 319-326.	0.7	3
31	Determination of hydrazine at Ontario nuclear power plants. <i>Analytical Methods</i> , 2015, 7, 9825-9834.	1.3	2
32	Free radical inactivation of trypsin. <i>International Journal of Radiation Applications and Instrumentation Nuclear Tracks and Radiation Measurements</i> , 1988, 32, 497-501.	0.0	1
33	Non-Proliferation Nuclear Forensics. , 2020, , .		1