

# Slobodan

## List of Publications by Year in descending order

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33  
papers

5,456  
citations

279798

23  
h-index

434195

31  
g-index

33  
all docs

33  
docs citations

33  
times ranked

4796  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.5	3
2	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.	1.5	11
3	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.	1.5	15
4	Non-Proliferation Nuclear Forensics. , 2020, , .		1
5	Determination of hydrazine at Ontario nuclear power plants. <i>Analytical Methods</i> , 2015, 7, 9825-9834.	2.7	2
6	Bioaccessibility of Uranium in Soil Samples from Port Hope, Ontario, Canada. <i>Environmental Science &amp; Technology</i> , 2012, 46, 9012-9018.	10.0	12
7	How Curcumin Works Preferentially with Water Soluble Antioxidants. <i>Journal of the American Chemical Society</i> , 2001, 123, 3064-3068.	13.7	228
8	Is $\alpha$ -Frank $\alpha$ -DNA-Strand Breakage via the Guanine Radical Thermodynamically and Sterically Possible?. <i>Chemistry - A European Journal</i> , 2001, 7, 2829-2833.	3.3	35
9	The Trap Depth (in DNA) of 8-Oxo-7,8-dihydro-2 $\alpha$ -deoxyguanosine as Derived from Electron-Transfer Equilibria in Aqueous Solution. <i>Journal of the American Chemical Society</i> , 2000, 122, 2373-2374.	13.7	258
10	H-Atom Transfer Is A Preferred Antioxidant Mechanism of Curcumin. <i>Journal of the American Chemical Society</i> , 1999, 121, 9677-9681.	13.7	382
11	Biomarkers of oxidative stress are significantly elevated in Down syndrome. <i>Free Radical Biology and Medicine</i> , 1998, 25, 1044-1048.	2.9	179
12	Formation and reactivity of carboxyphenyl radicals in aqueous solution. <i>Radiation Physics and Chemistry</i> , 1998, 51, 293-303.	2.8	5
13	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.	3.9	11
14	Antioxidant Potential of Theaflavins. A Pulse Radiolysis Study. <i>Journal of the American Chemical Society</i> , 1997, 119, 5337-5343.	13.7	66
15	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.	13.7	1,355
16	Laser flash photolysis of dinaphthyl ketones. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1997, 107, 153-158.	3.9	41
17	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
18	Heterocyclic thiols as antioxidants: Why Ovothiol C is a better antioxidant than ergothioneine. <i>Free Radical Biology and Medicine</i> , 1995, 18, 679-685.	2.9	40

#	ARTICLE	IF	CITATIONS
19	Antioxidant Potential of Gallocatechins. A Pulse Radiolysis and Laser Photolysis Study. Journal of the American Chemical Society, 1995, 117, 9881-9888.	13.7	258
20	Flavonoids as Antioxidants. Journal of the American Chemical Society, 1994, 116, 4846-4851.	13.7	1,070
21	Substituent effects on the spectral, acid-base, and redox properties of indolyl radicals: a pulse radiolysis study. The Journal of Physical Chemistry, 1992, 96, 6674-6679.	2.9	86
22	Antioxidant activity of the pyridoindole stobadine. Pulse radiolytic characterization of one-electron-oxidized stobadine and quenching of singlet molecular oxygen. Chemical Research in Toxicology, 1992, 5, 355-360.	3.3	60
23	Electron-transfer reactions of alkylperoxy radicals. Journal of the American Chemical Society, 1992, 114, 9018-9021.	13.7	99
24	Kinetics and energetics of one-electron-transfer reactions involving tryptophan neutral and cation radicals. The Journal of Physical Chemistry, 1991, 95, 684-687.	2.9	58
25	One-electron reduction potentials of 5-indoxyl radicals: a pulse radiolysis and laser photolysis study. The Journal of Physical Chemistry, 1990, 94, 3583-3588.	2.9	46
26	Heterocyclic Resonant Radicals. Free Radical Research Communications, 1989, 6, 113-115.	1.8	11
27	The DNA guanyl radical: kinetics and mechanisms of generation and repair. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1989, 1008, 39-44.	2.4	79
28	Antioxidation mechanisms of uric acid. Journal of the American Chemical Society, 1989, 111, 5778-5782.	13.7	249
29	Free radical inactivation of trypsin. International Journal of Radiation Applications and Instrumentation Nuclear Tracks and Radiation Measurements, 1988, 32, 497-501.	0.0	1
30	Mechanism of OH radical reactions with thymine and uracil derivatives. Journal of the American Chemical Society, 1986, 108, 5968-5972.	13.7	120
31	One-electron redox potentials of purines and pyrimidines. The Journal of Physical Chemistry, 1986, 90, 974-978.	2.9	180
32	Electron-transfer reactions of tryptophan and tyrosine derivatives. The Journal of Physical Chemistry, 1986, 90, 1935-1939.	2.9	143
33	Repair of tryptophan radicals by antioxidants. Journal of Free Radicals in Biology & Medicine, 1985, 1, 125-129.	2.1	63