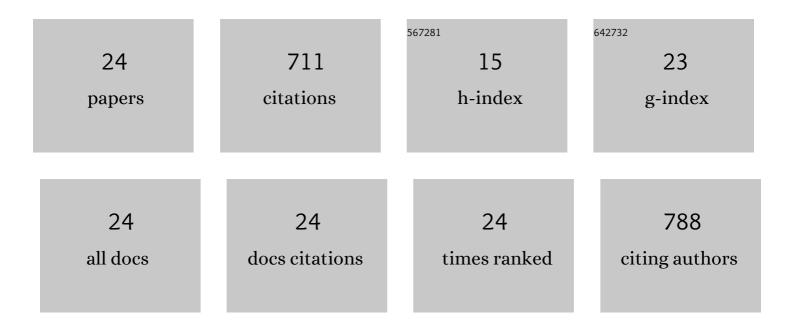
Miroslav Sip

List of Publications by Year in descending order

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MIROSIAN SID

#	Article	IF	CITATIONS
1	DNA conformational change produced by the site-specific interstrand cross-link of trans-diamminedichloroplatinum(II). Biochemistry, 1993, 32, 11676-11681.	2.5	113
2	Distortions induced in DNA by cis-platinum interstrand adducts. Biochemistry, 1992, 31, 2508-2513.	2.5	74
3	The trans effect in squareâ€planar platinum(II) complexes—A density functional study. Journal of Computational Chemistry, 2008, 29, 2370-2381.	3.3	69
4	Pentacoordinated transition states of cisplatin hydrolysis—ab initio study. Computational and Theoretical Chemistry, 2000, 532, 59-68.	1.5	63
5	Oligonucleotide-based microarray: A new improvement in microarray detection of plant viruses. Journal of Virological Methods, 2005, 128, 176-182.	2.1	63
6	Instability of the monofunctional adducts incis-[Pt(NH3)2(N7-N-methyl-2-diazapyrenium)Cl]2+;-modified DNA: rates of cross-linking reactions incis-platinummodified DNA. Nucleic Acids Research, 1993, 21, 5846-5851.	14.5	51
7	Mitochondrial DNA D-loop hypervariable regions: Czech population data. International Journal of Legal Medicine, 2004, 118, 14-18.	2.2	43
8	Transition States of Cisplatin Binding to Guanine and Adenine: ab initio Reactivity Study. Collection of Czechoslovak Chemical Communications, 2003, 68, 1105-1118.	1.0	34
9	Mitochondrial DNA Variability in the Czech Population, with Application to the Ethnic History of Slavs. Human Biology, 2006, 78, 681-695.	0.2	29
10	Sodium cyanide: a chemical probe of the conformation of DNA modified by the antitumor drug cis-diamminedichloroplatinum(II). Journal of the American Chemical Society, 1990, 112, 3673-3674.	13.7	27
11	Influence of a charged graphene surface on the orientation and conformation of covalently attached oligonucleotides: a molecular dynamics study. Physical Chemistry Chemical Physics, 2012, 14, 4217.	2.8	25
12	Variability in Coat Protein Sequence Homology Among American and European Sources of Strawberry Vein Banding Virus. Plant Disease, 1998, 82, 544-546.	1.4	21
13	Cy3 and Cy5 Dyes Terminally Attached to 5′C End of DNA: Structure, Dynamics, and Energetics. Journal of Physical Chemistry B, 2014, 118, 13564-13572.	2.6	19
14	Transmembrane potential measurement with carbocyanine dye diS-C3-(5): Fast fluorescence decay studies. Journal of Photochemistry and Photobiology B: Biology, 1990, 4, 321-328.	3.8	16
15	Force Field for Platinum Binding to Adenine and Guanine Taking into Account Flexibility of Nucleic Acids Bases. Journal of Physical Chemistry B, 1998, 102, 1659-1661.	2.6	16
16	Formation of a DNA monofunctionalcis-platinum adduct cross-linking the intercalating drug N-methyl-2, 7-diazapyrenium. Nucleic Acids Research, 1990, 18, 3887-3891.	14.5	14
17	Detection of viral infections by an oligonucleotide microarray. Journal of Virological Methods, 2010, 165, 64-70.	2.1	12
18	Quantitative and sequence-specific analysis of DNA-ligand interaction by means of fluorescent intercalator probes. Journal of Molecular Recognition, 2000, 13, 157-163.	2.1	9

MIROSLAV SIP

#	Article	IF	CITATIONS
19	Influence of hyperbaric oxygenation on bilirubin and ditaurobilirubin auto-oxidation and porphyrin-sensitized photo-oxidation. Journal of Photochemistry and Photobiology B: Biology, 1990, 5, 295-302.	3.8	5
20	Reconstruction of DNA Shape from AFM Data. Single Molecules, 2002, 3, 111-117.	0.9	3
21	Picosecond absorption spectroscopy and its application to the study of nucleic acid components. European Physical Journal D, 1986, 36, 468-477.	0.4	2
22	THE OCCURRENCE OF STRAWBERRY VIRUSES AND PHYTOPLASMAS IN THE CZECH REPUBLIC. Acta Horticulturae, 2001, , 81-86.	0.2	2
23	Laser excited time-resolved low-temperature luminescence of nucleic acid bases single crystals. European Physical Journal D, 1991, 41, 184-190.	0.4	1
24	A Contribution to the Description of Light Propagation in Inertial Reference Frames and an Interpretation of Physical Laws. Physics Essays, 1991, 4, 134-141.	0.4	0