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Interaction of antioxidant flavonoids with calf thymus DNA analyzed by spectroscopic and electrochemical methods

DOI: 10.1016/j.jpba.2012.01.034

Journal of Pharmaceutical and Biomedical Analysis, 2012, 63, 40-6.

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#	Paper	IF	Citations
78	Binding properties of butylated hydroxytoluene with calf thymus DNA in vitro. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013 , 126, 112-8	6.7	19
77	DNA-functionalized electrochemical biosensor for detection of vitamin B1 using electrochemically treated multiwalled carbon nanotube paste electrode by voltammetric methods. <i>Sensors and Actuators B: Chemical</i> , 2013 , 177, 807-812	8.5	42
76	Spectroscopic exploring the affinities, characteristics, and mode of binding interaction of curcumin with DNA. <i>Molecular Biology Reports</i> , 2013 , 40, 4405-13	2.8	17
75	Binding of an anticancer Rutaceae plant flavonoid glycoside with calf thymus DNA: Biophysical and electrochemical studies. <i>Journal of Luminescence</i> , 2013 , 142, 17-22	3.8	17
74	Probing the site-selective binding of an antiretroviral drug, Stavudine to calf thymus DNA. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2013 , 32, 660-9	1.4	1
73	Studies on the toxic interaction mechanism between 2-naphthylamine and herring sperm DNA. <i>Journal of Biochemical and Molecular Toxicology</i> , 2013 , 27, 279-85	3.4	3
72	Plant flavone apigenin binds to nucleic acid bases and reduces oxidative DNA damage in prostate epithelial cells. <i>PLoS ONE</i> , 2014 , 9, e91588	3.7	54
71	Interference of flavonoids with fluorescent intracellular probes: methodological implications in the evaluation of the oxidative burst by flow cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014 , 85, 663-77	4.6	11
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57	Interactions of an anticancer drug Formestane with single and double stranded DNA at physiological conditions. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015 , 149, 27-36	6.7	21
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55	Spectroscopic analyses on interaction of melamine, cyanuric acid and uric acid with DNA. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 149, 714-21	4.4	12
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44	The magnetic properties, DNA/HSA binding and nuclease activity of manganese N-confused porphyrin. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016 , 20, 624-638	1.8	10

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