Ã–zgÃœl PersÄºl ÃetÄºnkol

List of Publications by Year
in descending order

21 papers	872 citations	687363 13 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	1297 citing authors

#	Article	IF	Citations
1	Highly-sensitive and fast detection of human telomeric G-Quadruplex DNA based on a hemin-conjugated fluorescent metal-organic framework platform. Biosensors and Bioelectronics, 2021, 178, 112999.	10.1	20
2	A CpG island promoter drives the CXXC5 gene expression. Scientific Reports, 2021, 11, 15655.	3.3	2
3	Doxorubicin exhibits strong and selective association with VEGF Pu22 G-quadruplex. Biochimica Et Biophysica Acta - General Subjects, 2020, 1864, 129720.	2.4	10
4	Construction of amperometric biosensor modified with conducting polymer/carbon dots for the analysis of catechol. Journal of Polymer Science, 2020, 58, 3336-3348.	3.8	18
5	Novel Fluorescent Azacyanine Compounds: Improved Synthesis and Optical Properties. ACS Omega, 2020, 5, 22874-22882.	3.5	5
6	A conjugated gold nanoparticle-azacyanine off-on-off fluorescence probe for sensitive and selective detection of G-quadruplexes. Talanta, 2020, 217, 121076.	5.5	8
7	Azacyanines as Novel Topoisomerase II Alpha Inhibitors. Letters in Drug Design and Discovery, 2020, 17, 666-671.	0.7	3
8	Targeting human telomeric DNA with azacyanines. Turkish Journal of Chemistry, 2019, 43, 1040-1051.	1.2	2
9	A DNA-free colorimetric probe based on citrate-capped silver nanoparticles for sensitive and rapid detection of coralyne. Sensors and Actuators B: Chemical, 2019, 298, 126823.	7.8	15
10	Selective High Binding Affinity of Azacyanines to polyd(A) polyd(T)â‹…polyd(T) Triplex: The Effect of Chain Length and Branching on Stabilization, Selectivity and Affinity. ChemistrySelect, 2018, 3, 12878-12887.	1.5	1
11	Small Molecule Recognition of Poly(A). Methods in Molecular Biology, 2014, 1125, 81-108.	0.9	2
12	The impact of ionic liquid pretreatment on the chemistry and enzymatic digestibility of Pinus radiata compression wood. Green Chemistry, 2012, 14, 778.	9.0	87
13	Structural and Chemical Characterization of Hardwood from Tree Species with Applications as Bioenergy Feedstocks. PLoS ONE, 2012, 7, e52820.	2.5	32
14	Biosynthesis and incorporation of sideâ€chainâ€truncated lignin monomers to reduce lignin polymerization and enhance saccharification. Plant Biotechnology Journal, 2012, 10, 609-620.	8.3	140
15	A facile method for the recovery of ionic liquid and lignin from biomass pretreatment. Green Chemistry, 2011, 13, 3255.	9.0	124
16	Understanding the impact of ionic liquid pretreatment on eucalyptus. Biofuels, 2010, 1, 33-46.	2.4	129
17	Molecular recognition of poly(A) by small ligands: an alternative method of analysis reveals nanomolar, cooperative and shape-selective binding. Nucleic Acids Research, 2009, 37, 611-621.	14.5	83
18	Molecular dynamics simulations and coupled nucleotide substitution experiments indicate the nature of AÂ·A base pairing and a putative structure of the coralyne-induced homo-adenine duplex. Nucleic Acids Research, 2009, 37, 7715-7727.	14.5	28

#	Article	IF	Citations
19	Submicromolar, Selective Gâ€Quadruplex Ligands from One Pot: Thermodynamic and Structural Studies of Human Telomeric DNA Binding by Azacyanines. ChemBioChem, 2008, 9, 1889-1892.	2.6	17
20	Harnessing DNA intercalation. Trends in Biotechnology, 2007, 25, 433-436.	9.3	43
21	Assembly of an Antiparallel Homo-Adenine DNA Duplex by Small-Molecule Binding. Journal of the American Chemical Society, 2004, 126, 8644-8645.	13.7	103