

# Ä-zgÄœl PersÄ°l ÄetÄ°nkol

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

872  
citations

687220

13  
h-index

713332

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1297  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosynthesis and incorporation of side-chain-truncated lignin monomers to reduce lignin polymerization and enhance saccharification. <i>Plant Biotechnology Journal</i> , 2012, 10, 609-620.	4.1	140
2	Understanding the impact of ionic liquid pretreatment on eucalyptus. <i>Biofuels</i> , 2010, 1, 33-46.	1.4	129
3	A facile method for the recovery of ionic liquid and lignin from biomass pretreatment. <i>Green Chemistry</i> , 2011, 13, 3255.	4.6	124
4	Assembly of an Antiparallel Homo-Adenine DNA Duplex by Small-Molecule Binding. <i>Journal of the American Chemical Society</i> , 2004, 126, 8644-8645.	6.6	103
5	The impact of ionic liquid pretreatment on the chemistry and enzymatic digestibility of <i>Pinus radiata</i> compression wood. <i>Green Chemistry</i> , 2012, 14, 778.	4.6	87
6	Molecular recognition of poly(A) by small ligands: an alternative method of analysis reveals nanomolar, cooperative and shape-selective binding. <i>Nucleic Acids Research</i> , 2009, 37, 611-621.	6.5	83
7	Harnessing DNA intercalation. <i>Trends in Biotechnology</i> , 2007, 25, 433-436.	4.9	43
8	Structural and Chemical Characterization of Hardwood from Tree Species with Applications as Bioenergy Feedstocks. <i>PLoS ONE</i> , 2012, 7, e52820.	1.1	32
9	Molecular dynamics simulations and coupled nucleotide substitution experiments indicate the nature of A•A base pairing and a putative structure of the coralyne-induced homo-adenine duplex. <i>Nucleic Acids Research</i> , 2009, 37, 7715-7727.	6.5	28
10	Highly-sensitive and fast detection of human telomeric G-Quadruplex DNA based on a hemin-conjugated fluorescent metal-organic framework platform. <i>Biosensors and Bioelectronics</i> , 2021, 178, 112999.	5.3	20
11	Construction of amperometric biosensor modified with conducting polymer/carbon dots for the analysis of catechol. <i>Journal of Polymer Science</i> , 2020, 58, 3336-3348.	2.0	18
12	Submicromolar, Selective G-Quadruplex Ligands from One Pot: Thermodynamic and Structural Studies of Human Telomeric DNA Binding by Azacyanines. <i>ChemBioChem</i> , 2008, 9, 1889-1892.	1.3	17
13	A DNA-free colorimetric probe based on citrate-capped silver nanoparticles for sensitive and rapid detection of coralyne. <i>Sensors and Actuators B: Chemical</i> , 2019, 298, 126823.	4.0	15
14	Doxorubicin exhibits strong and selective association with VEGF Pu22 G-quadruplex. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129720.	1.1	10
15	A conjugated gold nanoparticle-azacyanine off-on-off fluorescence probe for sensitive and selective detection of G-quadruplexes. <i>Talanta</i> , 2020, 217, 121076.	2.9	8
16	Novel Fluorescent Azacyanine Compounds: Improved Synthesis and Optical Properties. <i>ACS Omega</i> , 2020, 5, 22874-22882.	1.6	5
17	Azacyanines as Novel Topoisomerase II Alpha Inhibitors. <i>Letters in Drug Design and Discovery</i> , 2020, 17, 666-671.	0.4	3
18	Targeting human telomeric DNA with azacyanines. <i>Turkish Journal of Chemistry</i> , 2019, 43, 1040-1051.	0.5	2

#	ARTICLE	IF	CITATIONS
19	A CpG island promoter drives the CXXC5 gene expression. Scientific Reports, 2021, 11, 15655.	1.6	2
20	Small Molecule Recognition of Poly(A). Methods in Molecular Biology, 2014, 1125, 81-108.	0.4	2
21	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.	0.7	1