

Nicolas P F Barthes

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Rational Design of a Solvatochromic Fluorescent Uracil Analogue with a Dual-Band Ratiometric Response Based on 3-Hydroxychromone. <i>Chemistry - A European Journal</i> , 2014, 20, 1998-2009.	3.3	45
2	Dynamics of Methylated Cytosine Flipping by UHRF1. <i>Journal of the American Chemical Society</i> , 2017, 139, 2520-2528.	13.7	44
3	New Environment-Sensitive Multichannel DNA Fluorescent Label for Investigation of the Protein-DNA Interactions. <i>PLoS ONE</i> , 2014, 9, e100007.	2.5	44
4	Development of environmentally sensitive fluorescent and dual emissive deoxyuridine analogues. <i>RSC Advances</i> , 2015, 5, 33536-33545.	3.6	35
5	The Clinically Used Iron Chelator Deferasirox Is an Inhibitor of Epigenetic JumonjiC Domain-Containing Histone Demethylases. <i>ACS Chemical Biology</i> , 2019, 14, 1737-1750.	3.4	22
6	Dual emissive analogue of deoxyuridine as a sensitive hydration-reporting probe for discriminating mismatched from matched DNA and DNA/DNA from DNA/RNA duplexes. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3010-3017.	5.5	20
7	Environmentally Sensitive Fluorescent Nucleoside Analogues for Surveying Dynamic Interconversions of Nucleic Acid Structures. <i>Chemistry - A European Journal</i> , 2018, 24, 13850-13861.	3.3	20
8	Design and Development of a Two-Color Emissive FRET Pair Based on a Photostable Fluorescent Deoxyuridine Donor Presenting a Mega-Stokes Shift. <i>Journal of Organic Chemistry</i> , 2016, 81, 10733-10741.	3.2	13
9	Rational design, synthesis, and photophysics of dual-emissive deoxyadenosine analogs. <i>Dyes and Pigments</i> , 2019, 170, 107553.	3.7	12
10	A turn-on dual emissive nucleobase sensitive to mismatches and duplex conformational changes. <i>RSC Advances</i> , 2016, 6, 87142-87146.	3.6	9
11	Structural and Dynamical Impact of a Universal Fluorescent Nucleoside Analogue Inserted Into a DNA Duplex. <i>Journal of Physical Chemistry B</i> , 2017, 121, 11249-11261.	2.6	8
12	Comparative Analysis of Nucleotide Fluorescent Analogs for Registration of DNA Conformational Changes Induced by Interaction with Formamidopyrimidine-DNA Glycosylase Fpg. <i>Russian Journal of Bioorganic Chemistry</i> , 2019, 45, 591-598.	1.0	6
13	Kappa but not delta or mu opioid receptors form homodimers at low membrane densities. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 7557-7568.	5.4	6
14	New Fluorescent Analogs of Nucleotides Based on 3-Hydroxychromone for Recording Conformational Changes of DNA. <i>Russian Journal of Bioorganic Chemistry</i> , 2019, 45, 599-607.	1.0	4
15	Designed membrane protein heterodimers and control of their affinity by binding domain and membrane linker properties. <i>Nanoscale</i> , 2021, 13, 20692-20702.	5.6	2