

Dmytro Dziuba

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

963
citations

516710

16
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

1902
citing authors

#	ARTICLE	IF	CITATIONS
1	The Small Non-coding Vault RNA1-1 Acts as a Riboregulator of Autophagy. <i>Cell</i> , 2019, 176, 1054-1067.e12.	28.9	125
2	A Rotational BODIPY Nucleotide: An Environment-Sensitive Fluorescence Lifetime Probe for DNA Interactions and Applications in Live-Cell Microscopy. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 174-178.	13.8	103
3	A Universal Nucleoside with Strong Two-Band Switchable Fluorescence and Sensitivity to the Environment for Investigating DNA Interactions. <i>Journal of the American Chemical Society</i> , 2012, 134, 10209-10213.	13.7	83
4	Probing of Nucleic Acid Structures, Dynamics, and Interactions With Environment-Sensitive Fluorescent Labels. <i>Frontiers in Chemistry</i> , 2020, 8, 112.	3.6	67
5	Solvatochromic fluorene-linked nucleoside and DNA as color-changing fluorescent probes for sensing interactions. <i>Chemical Science</i> , 2016, 7, 5775-5785.	7.4	55
6	Polymerase synthesis of DNA labelled with benzylidene cyanoacetamide-based fluorescent molecular rotors: fluorescent light-up probes for DNA-binding proteins. <i>Chemical Communications</i> , 2015, 51, 4880-4882.	4.1	53
7	Fundamental photophysics of isomorphous and expanded fluorescent nucleoside analogues. <i>Chemical Society Reviews</i> , 2021, 50, 7062-7107.	38.1	47
8	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
9	Bodipy-Labeled Nucleoside Triphosphates for Polymerase Synthesis of Fluorescent DNA. <i>Bioconjugate Chemistry</i> , 2014, 25, 1984-1995.	3.6	37
10	Development of environmentally sensitive fluorescent and dual emissive deoxyuridine analogues. <i>RSC Advances</i> , 2015, 5, 33536-33545.	3.6	35
11	Brightly Fluorescent 2-Deoxyribonucleoside Triphosphates Bearing Methylated Bodipy Fluorophore for <i>in Cellulo</i> Incorporation to DNA, Imaging, and Flow Cytometry. <i>Bioconjugate Chemistry</i> , 2018, 29, 3906-3912.	3.6	27
12	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
13	Environmentally sensitive probes for monitoring protein-membrane interactions at nanomolar concentrations. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 852-859.	2.6	20
14	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
15	A Bifunctional Noncanonical Amino Acid: Synthesis, Expression, and Residue-Specific Proteome-wide Incorporation. <i>Biochemistry</i> , 2018, 57, 4747-4752.	2.5	16
16	Fluorescence Quenching in Oligonucleotides Containing 7-Substituted 7-Deazaguanine Bases Prepared by the Nicking Enzyme Amplification Reaction. <i>Bioconjugate Chemistry</i> , 2015, 26, 361-366.	3.6	13
17	Synthesis of Fluorescent 2-Substituted 6-(Het)aryl-7-deazapurine Bases {4-(Het)aryl-pyrrolo[2,3-d]pyrimidines} by Aqueous Suzuki-Miyaura Cross-Coupling Reactions. <i>Synthesis</i> , 2016, 48, 1029-1045.	2.3	12
18	A Genetically Encoded Diazirine Analogue for RNA-Protein Photo-crosslinking. <i>ChemBioChem</i> , 2020, 21, 88-93.	2.6	10

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19	Environmentally sensitive fluorescent nucleoside analogues as probes for nucleic acid-protein interactions: molecular design and biosensing applications. <i>Methods and Applications in Fluorescence</i> , 2022, 10, 044001.	2.3	10
20	Thienoguanosine, a unique non-perturbing reporter for investigating rotational dynamics of DNA duplexes and their complexes with proteins. <i>International Journal of Biological Macromolecules</i> , 2022, 213, 210-225.	7.5	5
21	A Mild and Efficient Protocol for the Protection of 3-Hydroxychromones Under Phase-Transfer Catalysis. <i>Synthesis</i> , 2011, 2011, 2159-2164.	2.3	2