

Nihar Ranjan

List of Publications by Year in descending order

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26
papers

722
citations

567281

15
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

831
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview of recent advances in duplex DNA recognition by small molecules. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 1051-1086.	2.2	97
2	Synthesis and Spectroscopic Studies of the Aminoglycoside (Neomycin)â€™Perylene Conjugate Binding to Human Telomeric DNA. <i>Biochemistry</i> , 2011, 50, 2838-2849.	2.5	82
3	Thermodynamics of Nucleic Acid â€™Shape Readoutâ€™by an Aminosugar. <i>Biochemistry</i> , 2011, 50, 9088-9113.	2.5	72
4	Aminoglycoside Binding to <i>Oxytricha nova</i> Telomeric DNA. <i>Biochemistry</i> , 2010, 49, 9891-9903.	2.5	61
5	Dual recognition of the human telomeric G-quadruplex by a neomycinâ€™anthraquinone conjugate. <i>Chemical Communications</i> , 2013, 49, 5796.	4.1	61
6	Recognition of HIV-TAR RNA using neomycinâ€™benzimidazole conjugates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 5689-5693.	2.2	39
7	Targeting C-myc G-Quadruplex: Dual Recognition by Aminosugar-Bisbenzimidazoles with Varying Linker Lengths. <i>Molecules</i> , 2013, 18, 14228-14240.	3.8	36
8	Multivalency in the recognition and antagonism of a HIV TAR RNAâ€™TAT assembly using an aminoglycoside benzimidazole scaffold. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2052-2056.	2.8	36
9	Potent inhibition of miR-27a by neomycinâ€™bisbenzimidazole conjugates. <i>Chemical Science</i> , 2015, 6, 5837-5846.	7.4	33
10	Selective Inhibition of <i>Escherichia coli</i> RNA and DNA Topoisomerase I by Hoechst 33258 Derived Mono- and Bisbenzimidazoles. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 4904-4922.	6.4	25
11	Selective inhibition of bacterial topoisomerase I by alkynyl-bisbenzimidazoles. <i>MedChemComm</i> , 2014, 5, 816-825.	3.4	24
12	New Application of Neomycin Bâ€™Bisbenzimidazole Hybrids as Antifungal Agents. <i>ACS Infectious Diseases</i> , 2018, 4, 196-207.	3.8	24
13	Spectroscopic studies of Thioflavin-T binding to c-Myc G-quadruplex DNA. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 212, 388-395.	3.9	20
14	Linker dependent intercalation of bisbenzimidazole-aminosugars in an RNA duplex; selectivity in RNA vs . DNA binding. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 5989-5994.	2.2	17
15	Selective, pH sensitive, â€™turn onâ€™fluorescence sensing of carbonate ions by a benzimidazole. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 255, 119624.	3.9	16
16	An assay for human telomeric G-quadruplex DNA binding drugs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 6695-6699.	2.2	15
17	Beyond amyloid proteins: Thioflavin T in nucleic acid recognition. <i>Biochimie</i> , 2021, 190, 111-123.	2.6	14
18	Recent Advances in the Discovery of Antiviral Metabolites from Fungi. <i>Current Pharmaceutical Biotechnology</i> , 2022, 23, 495-537.	1.6	10

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19	Gram-negative synergy and mechanism of action of alkynyl bisbenzimidazoles. <i>Scientific Reports</i> , 2019, 9, 14171.	3.3	7
20	Recent Advances in Therapeutic Applications of Bisbenzimidazoles. <i>Medicinal Chemistry</i> , 2020, 16, 454-486.	1.5	7
21	Impact of Linker Length and Composition on Fragment Binding and Cell Permeation: Story of a Bisbenzimidazole Dye Fragment. <i>Biochemistry</i> , 2017, 56, 6434-6447.	2.5	6
22	Surface Dependent Dual Recognition of a G-quadruplex DNA With Neomycin-Intercalator Conjugates. <i>Frontiers in Chemistry</i> , 2020, 8, 60.	3.6	5
23	Fine-tuning miR-21 expression and inhibition of EMT in breast cancer cells using aromatic-neomycin derivatives. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 27, 685-698.	5.1	5
24	A fluorescent aminosugar to rapidly screen and study RNA binders. <i>Methods in Enzymology</i> , 2019, 623, 291-314.	1.0	2
25	New Approaches in Sensing and Targeting Bacterial rRNA A-site. <i>Medicinal Chemistry</i> , 2021, 17, 299-309.	1.5	1
26	Bacterial rRNA A-site recognition by DAPI: Signatures of intercalative binding. <i>Biophysical Chemistry</i> , 2021, 274, 106589.	2.8	0