

Sanjay Dutta

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Substituent effect of benzyl moiety in nitroquinoxaline small molecules upon DNA binding: Cumulative destacking of DNA nucleobases leading to histone eviction. <i>European Journal of Medicinal Chemistry</i> , 2022, 229, 113995.	5.5	2
2	Cleavage of Abasic Sites in DNA by an Aminoquinoxaline Compound: Augmented Cytotoxicity and DNA Damage in Combination with an Anticancer Drug Chlorambucil in Human Colorectal Carcinoma Cells. <i>ACS Omega</i> , 2022, 7, 6488-6501.	3.5	1
3	A Pyrimido-Quinoxaline Fused Heterocycle Lights Up Transfer RNA upon Binding at the Mg ²⁺ Binding Site. <i>ChemBioChem</i> , 2021, 22, 359-363.	2.6	0
4	Interaction of a Triantennary Quinoline Glycoconjugate with the Asialoglycoprotein Receptor. <i>ChemMedChem</i> , 2021, 16, 2211-2216.	3.2	1
5	Binding Studies of Aloe-Active Compounds with G-Quadruplex Sequences. <i>ACS Omega</i> , 2021, 6, 18344-18351.	3.5	12
6	DNA Structural Alteration Leading to Antibacterial Properties of 6-Nitroquinoxaline Derivatives. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 7840-7856.	6.4	10
7	Interaction of aloe active compounds with calf thymus DNA. <i>Journal of Molecular Recognition</i> , 2019, 32, e2786.	2.1	6
8	Quinoxaline derivatives disrupt the base stacking of hepatitis C virus-internal ribosome entry site RNA: reduce translation and replication. <i>Chemical Communications</i> , 2019, 55, 14027-14030.	4.1	11
9	Intercalator-Induced DNA Superstructure Formation: Doxorubicin and a Synthetic Quinoxaline Derivative. <i>Biochemistry</i> , 2018, 57, 5557-5563.	2.5	9
10	Quinoxaline Glycomimetic Conjugates Reducing Lipogenesis and Lipid Accumulation in Hepatocytes. <i>ChemBioChem</i> , 2018, 19, 1720-1726.	2.6	1
11	Efficient Liver Targeting by Polyvalent Display of a Compact Ligand for the Asialoglycoprotein Receptor. <i>Journal of the American Chemical Society</i> , 2017, 139, 3528-3536.	13.7	71
12	The Benzyl Moiety in a Quinoxaline-Based Scaffold Acts as a DNA Intercalation Switch. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7733-7736.	13.8	24
13	The Benzyl Moiety in a Quinoxaline-Based Scaffold Acts as a DNA Intercalation Switch. <i>Angewandte Chemie</i> , 2016, 128, 7864-7867.	2.0	6
14	Synthesis of a visibly emissive 9-nitro-2,3-dihydro-1H-pyrimido[1,2-a]quinoxalin-5-amine scaffold with large Stokes shift and live cell imaging. <i>RSC Advances</i> , 2015, 5, 70958-70967.	3.6	7
15	Synthesis of Oxazole Analogs of Streptolidine Lactam. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 7337-7342.	2.4	5
16	Glycomimetic Ligands for the Human Asialoglycoprotein Receptor. <i>Journal of the American Chemical Society</i> , 2012, 134, 1978-1981.	13.7	85
17	Synthesis and Crystal Structure of a Novel Heterocycle, 2-Oxa-4,7-Diazabicyclo[3.3.1]Non-3-ene. <i>Journal of Chemical Crystallography</i> , 2012, 42, 119-129.	1.1	4
18	A Crystallographic Study of a Highly Substituted Imidazolinone, (3S,4S,5R)-3-(((S)-4-((1H-Indol-3-yl)methyl)-5-oxo-4,5-dihydro-1H-imidazol-2-yl)amino)-4-((tert-butyl)dimethylsilyloxy)-5-hydroxypiperidin-2-one. <i>Journal of Chemical Crystallography</i> , 2011, 41, 1573-1578.		

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19	1,3-Diazepanes of Natural Product-Like Complexity from Cyanamide-Induced Rearrangement of Epoxy- β -lactams. <i>Organic Letters</i> , 2010, 12, 360-363.	4.6	18
20	Conformational inhibition of the hepatitis C virus internal ribosome entry site RNA. <i>Nature Chemical Biology</i> , 2009, 5, 823-825.	8.0	133
21	Interstrand Cross-Links Generated by Abasic Sites in Duplex DNA. <i>Journal of the American Chemical Society</i> , 2007, 129, 1852-1853.	13.7	125
22	Biologically Relevant Chemical Reactions of N7-Alkylguanine Residues in DNA. <i>Chemical Research in Toxicology</i> , 2004, 17, 839-856.	3.3	223