

Sanjay Dutta

List of Publications by Year in descending order

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papers

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976
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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Biologically Relevant Chemical Reactions of N7-Alkylguanine Residues in DNA. <i>Chemical Research in Toxicology</i> , 2004, 17, 839-856. | 3.3 | 223 |
| 2 | Conformational inhibition of the hepatitis C virus internal ribosome entry site RNA. <i>Nature Chemical Biology</i> , 2009, 5, 823-825. | 8.0 | 133 |
| 3 | 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 |
| 4 | Glycomimetic Ligands for the Human Asialoglycoprotein Receptor. <i>Journal of the American Chemical Society</i> , 2012, 134, 1978-1981. | 13.7 | 85 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Binding Studies of Aloe-Active Compounds with G-Quadruplex Sequences. <i>ACS Omega</i> , 2021, 6, 18344-18351. | 3.5 | 12 |
| 9 | 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 |
| 10 | DNA Structural Alteration Leading to Antibacterial Properties of 6-Nitroquinoxaline Derivatives. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 7840-7856. | 6.4 | 10 |
| 11 | Intercalator-Induced DNA Superstructure Formation: Doxorubicin and a Synthetic Quinoxaline Derivative. <i>Biochemistry</i> , 2018, 57, 5557-5563. | 2.5 | 9 |
| 12 | 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 |
| 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 | Interaction of aloe active compounds with calf thymus DNA. <i>Journal of Molecular Recognition</i> , 2019, 32, e2786. | 2.1 | 6 |
| 15 | Synthesis of Oxazole Analogs of Streptolidine Lactam. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 7337-7342. | 2.4 | 5 |
| 16 | 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 |
| 17 | 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-Butyldimethylsilyl)Oxy)-5-Hydroxypiperidin-2-one. <i>Journal of Chemical Crystallography</i> , 2011, 41, 1573-1578. | | |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | Quinolineâ€™Glycomimetic Conjugates Reducing Lipogenesis and Lipid Accumulation in Hepatocytes. ChemBioChem, 2018, 19, 1720-1726. | 2.6 | 1 |
| 20 | Interaction of a Triantennary Quinoline Glycoconjugate with the Asialoglycoprotein Receptor. ChemMedChem, 2021, 16, 2211-2216. | 3.2 | 1 |
| 21 | 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. ACS Omega, 2022, 7, 6488-6501. | 3.5 | 1 |
| 22 | A Pyrimidoâ€™Quinoxaline Fused Heterocycle Lights Up Transfer RNA upon Binding at the Mg 2+ Binding Site. ChemBioChem, 2021, 22, 359-363. | 2.6 | 0 |