

Basudeb Maji

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,081
citations

471477

17
h-index

677123

22
g-index

24
all docs

24
docs citations

24
times ranked

1523
citing authors

#	ARTICLE	IF	CITATIONS
1	Multidimensional chemical control of CRISPR-Cas9. <i>Nature Chemical Biology</i> , 2017, 13, 9-11.	8.0	146
2	A High-Throughput Platform to Identify Small-Molecule Inhibitors of CRISPR-Cas9. <i>Cell</i> , 2019, 177, 1067-1079.e19.	28.9	133
3	Advances in the molecular design of potential anticancer agents via targeting of human telomeric DNA. <i>Chemical Communications</i> , 2014, 50, 6422-6438.	4.1	115
4	Design and Synthesis of New Benzimidazole-Carbazole Conjugates for the Stabilization of Human Telomeric DNA, Telomerase Inhibition, and Their Selective Action on Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 6973-6988.	6.4	92
5	Precision Control of CRISPR-Cas9 Using Small Molecules and Light. <i>Biochemistry</i> , 2019, 58, 234-244.	2.5	92
6	Stabilization and Structural Alteration of the G-Quadruplex DNA Made from the Human Telomeric Repeat Mediated by Tröger's Base Based Novel Benzimidazole Derivatives. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 7460-7471.	6.4	75
7	Dimeric 1,3-Phenylene-bis(piperazinyl benzimidazole)s: Synthesis and Structure-Activity Investigations on their Binding with Human Telomeric G-Quadruplex DNA and Telomerase Inhibition Properties. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 2981-2993.	6.4	70
8	Targeting G-quadruplex DNA structures in the telomere and oncogene promoter regions by benzimidazole-carbazole ligands. <i>European Journal of Medicinal Chemistry</i> , 2018, 148, 178-194.	5.5	49
9	Transcription regulation of CDKN1A (p21/CIP1/WAF1) by TRF2 is epigenetically controlled through the REST repressor complex. <i>Scientific Reports</i> , 2017, 7, 11541.	3.3	44
10	A Singular System with Precise Dosing and Spatiotemporal Control of CRISPR-Cas9. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6285-6289.	13.8	38
11	New dimeric carbazole-benzimidazole mixed ligands for the stabilization of human telomeric G-quadruplex DNA and as telomerase inhibitors. A remarkable influence of the spacer. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 8335-8348.	2.8	34
12	Motion-Induced Changes in Emission as an Effective Strategy for the Ratiometric Probing of Human Serum Albumin and Trypsin in Biological Fluids. <i>Chemistry - an Asian Journal</i> , 2018, 13, 664-671.	3.3	32
13	A Versatile Probe for Caffeine Detection in Real-Life Samples via Excitation-Triggered Alteration in the Sensing Behavior of Fluorescent Organic Nanoaggregates. <i>Analytical Chemistry</i> , 2018, 90, 821-829.	6.5	30
14	Novel ruthenium azo-quinoline complexes with enhanced photonuclease activity in human cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2017, 139, 1016-1029.	5.5	27
15	Role of pH controlled DNA secondary structures in the reversible dispersion/precipitation and separation of metallic and semiconducting single-walled carbon nanotubes. <i>Nanoscale</i> , 2014, 6, 3721-3730.	5.6	25
16	Binding of Gemini Bisbenzimidazole Drugs with Human Telomeric G-Quadruplex Dimers: Effect of the Spacer in the Design of Potent Telomerase Inhibitors. <i>PLoS ONE</i> , 2012, 7, e39467.	2.5	22
17	Native Zinc Catalyzes Selective and Traceless Release of Small Molecules in β -Cells. <i>Journal of the American Chemical Society</i> , 2020, 142, 6477-6482.	13.7	20
18	Discovery and Structural Characterization of G-quadruplex DNA in Human Acetyl-CoA Carboxylase Gene Promoters: Its Role in Transcriptional Regulation and as a Therapeutic Target for Human Disease. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 5035-5050.	6.4	11

#	ARTICLE	IF	CITATIONS
19	Harnessing reaction-based probes to preferentially target pancreatic β^2 -cells and β^2 -like cells. Life Science Alliance, 2021, 4, e202000840.	2.8	10
20	Molecular Design of Synthetic Benzimidazoles for the Switchover of the Duplex to G-quadruplex DNA Recognition. Chimia, 2013, 67, 39.	0.6	9
21	A Singular System with Precise Dosing and Spatiotemporal Control of CRISPR-Cas9. Angewandte Chemie, 2019, 131, 6351-6355.	2.0	5
22	Rational Design of Silicon-Based Zinc Ionophores. Angewandte Chemie - International Edition, 2022, , e202201698.	13.8	2
23	Rational Design of Silicon-Based Zinc Ionophores. Angewandte Chemie, 0, , .	2.0	0