Tian-Miao Ou

List of Publications by Year
in descending order

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38 papers	2,161 citations	201385 27 h-index	315357 38 g-index
38 all docs	38 docs citations	38 times ranked	1865 citing authors

#	Article	IF	Citations
1	Stabilization of G-Quadruplex DNA and Down-Regulation of Oncogenec-mycby Quindoline Derivatives. Journal of Medicinal Chemistry, 2007, 50, 1465-1474.	2.9	273
2	Synthesis and Evaluation of Quindoline Derivatives as G-Quadruplex Inducing and Stabilizing Ligands and Potential Inhibitors of Telomerase. Journal of Medicinal Chemistry, 2005, 48, 7315-7321.	2.9	165
3	5-N-Methylated Quindoline Derivatives as Telomeric G-Quadruplex Stabilizing Ligands: Effects of 5-N Positive Charge on Quadruplex Binding Affinity and Cell Proliferation. Journal of Medicinal Chemistry, 2008, 51, 6381-6392.	2.9	123
4	Turning off Transcription of the bcl-2 Gene by Stabilizing the bcl-2 Promoter Quadruplex with Quindoline Derivatives. Journal of Medicinal Chemistry, 2010, 53, 4390-4398.	2.9	117
5	9-N-Substituted berberine derivatives: Stabilization of G-quadruplex DNA and down-regulation of oncogene c-myc. Bioorganic and Medicinal Chemistry, 2008, 16, 7582-7591.	1.4	112
6	Inhibition of Cell Proliferation by Quindoline Derivative (SYUIQ-05) through its Preferential Interaction with c-myc Promoter G-Quadruplex. Journal of Medicinal Chemistry, 2011, 54, 5671-5679.	2.9	102
7	Isaindigotone Derivatives: A New Class of Highly Selective Ligands for Telomeric G-Quadruplex DNA. Journal of Medicinal Chemistry, 2009, 52, 2825-2835.	2.9	87
8	Specific targeting of telomeric multimeric G-quadruplexes by a new triaryl-substituted imidazole. Nucleic Acids Research, 2017, 45, 1606-1618.	6.5	86
9	Discovery of a New Four-Leaf Clover-Like Ligand as a Potent c-MYC Transcription Inhibitor Specifically Targeting the Promoter G-Quadruplex. Journal of Medicinal Chemistry, 2018, 61, 2447-2459.	2.9	86
10	Developing Novel G-Quadruplex Ligands: from Interaction with Nucleic Acids to Interfering with Nucleic Acidâ€“Protein Interaction. Molecules, 2019, 24, 396.	1.7	85
11	Discovery of Novel 11-Triazole Substituted Benzofuro[3,2-b]quinolone Derivatives as c-myc G-Quadruplex Specific Stabilizers via Click Chemistry. Journal of Medicinal Chemistry, 2017, 60, 5407-5423.	2.9	68
12	Development of a new colorimetric and red-emitting fluorescent dual probe for G-quadruplex nucleic acids. Chemical Communications, 2014, 50, 6927-6930.	2.2	57
13	Discovery of a new fluorescent light-up probe specific to parallel G-quadruplexes. Chemical Communications, 2014, 50, 12173-12176.	2.2	48
14	Design, synthesis and evaluation of isaindigotone derivatives as dual inhibitors for acetylcholinesterase and amyloid beta aggregation. Bioorganic and Medicinal Chemistry, 2012, 20, 2527-2534.	1.4	47
15	Quinolino-benzo-[5, 6]-dihydroisoquindolium compounds derived from berberine: A new class of highly selective ligands for G-quadruplex DNA in c-myc oncogene. European Journal of Medicinal Chemistry, 2011, 46, 1906-1913.	2.6	46
16	New Disubstituted Quindoline Derivatives Inhibiting Burkittâ€™s Lymphoma Cell Proliferation by Impeding c-MYC Transcription. Journal of Medicinal Chemistry, 2017, 60, 5438-5454.	2.9	46
17	Synthesis and Mechanism Studies of 1,3-Benzoazolyl Substituted Pyrrolo[2,3-b]pyrazine Derivatives as Nonintercalative Topoisomerase II Catalytic Inhibitors. Journal of Medicinal Chemistry, 2016, 59, 238-252.	2.9	45
18	Disubstituted quinazoline derivatives as a new type of highly selective ligands for telomeric G-quadruplex DNA. European Journal of Medicinal Chemistry, 2012, 47, 299-311.	2.6	42

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19	Pharmacophore-based discovery of triaryl-substituted imidazole as new telomeric G-quadruplex ligand. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 1004-1009.	1.0	41
20	Design, Synthesis, and Evaluation of Isaindigotone Derivatives To Downregulate c-myc Transcription via Disrupting the Interaction of NM23-H2 with G-Quadruplex. Journal of Medicinal Chemistry, 2017, 60, 1292-1308.	2.9	40
21	Impact of planarity of unfused aromatic molecules on G-quadruplex binding: Learning from isaindigotone derivatives. Organic and Biomolecular Chemistry, 2011, 9, 6422.	1.5	34
22	Stabilization of VEGF G-quadruplex and inhibition of angiogenesis by quindoline derivatives. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 2970-2977.	1.1	34
23	Chemical intervention of the NM23-H2 transcriptional programme onc-MYCvia a novel small molecule. Nucleic Acids Research, 2015, 43, 6677-6691.	6.5	33
24	Discovery of Novel Schizocommunin Derivatives as Telomeric G-Quadruplex Ligands That Trigger Telomere Dysfunction and the Deoxyribonucleic Acid (DNA) Damage Response. Journal of Medicinal Chemistry, 2018, 61, 3436-3453.	2.9	33
25	Design, Synthesis, and Evaluation of New Selective NM23-H2 Binders as c-MYC Transcription Inhibitors via Disruption of the NM23-H2/G-Quadruplex Interaction. Journal of Medicinal Chemistry, 2017, 60, 6924-6941.	2.9	32
26	Discovery of Isaindigotone Derivatives as Novel Bloomâ€™s Syndrome Protein (BLM) Helicase Inhibitors That Disrupt the BLM/DNA Interactions and Regulate the Homologous Recombination Repair. Journal of Medicinal Chemistry, 2019, 62, 3147-3162.	2.9	32
27	A new application of click chemistry in situ: development of fluorescent probe for specific G-quadruplex topology. Scientific Reports, 2015, 5, 17202.	1.6	28
28	Tracking the Dynamic Folding and Unfolding of RNA Gâ€Quadruplexes in Live Cells. Angewandte Chemie, 2018, 130, 4792-4796.	1.6	27
29	Design, Synthesis, and Evaluation of Novel p-(Methylthio)styryl Substituted Quindoline Derivatives as Neuroblastoma RAS (NRAS) Repressors via Specific Stabilizing the RNA G-Quadruplex. Journal of Medicinal Chemistry, 2018, 61, 6629-6646.	2.9	26
30	Design, Synthesis, and Evaluation of New Quinazolinone Derivatives that Inhibit Bloom Syndrome Protein (BLM) Helicase, Trigger DNA Damage at the Telomere Region, and Synergize with PARP Inhibitors. Journal of Medicinal Chemistry, 2020, 63, 9752-9772.	2.9	26
31	Rational design of small-molecules to recognize G-quadruplexes of c-MYC promoter and telomere and the evaluation of their in vivo antitumor activity against breast cancer. Nucleic Acids Research, 2022, 50, 1829-1848.	6.5	25
32	New quinazoline derivatives for telomeric G-quadruplex DNA: Effects of an added phenyl group on quadruplex binding ability. European Journal of Medicinal Chemistry, 2013, 63, 1-13.	2.6	24
33	Accurate high-throughput identification of parallel G-quadruplex topology by a new tetraaryl-substituted imidazole. Biosensors and Bioelectronics, 2016, 83, 77-84.	5.3	24
34	Benzofuroquinoline Derivatives Had Remarkable Improvement of their Selectivity for Telomeric G-Quadruplex DNA over Duplex DNA upon Introduction of Peptidyl Group. Bioconjugate Chemistry, 2012, 23, 1821-1831.	1.8	20
35	MYC modulators in cancer: a patent review. Expert Opinion on Therapeutic Patents, 2019, 29, 353-367.	2.4	17
36	Discovery of Small Molecules for Repressing Cap-Independent Translation of Human Vascular Endothelial Growth Factor (hVEGF) as Novel Antitumor Agents. Journal of Medicinal Chemistry, 2017, 60, 5306-5319.	2.9	16

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37	Synthesis and evaluation of new BODIPY-benzofuroquinoline conjugates for sensitive and selective DNA detection. Dyes and Pigments, 2014, 107, 97-105.	2.0	9
38	Probes and drugs that interfere with protein translation via targeting to the RNAs or RNA-protein interactions. Methods, 2019, 167, 124-133.	1.9	5