

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	Rational design of small-molecules to recognize G-quadruplexes of c-MYC promoter and telomere and the evaluation of their <i>in vivo</i> antitumor activity against breast cancer. <i>Nucleic Acids Research</i> , 2022, 50, 1829-1848.	6.5	25
2	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. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 9752-9772.	2.9	26
3	Developing Novel G-Quadruplex Ligands: from Interaction with Nucleic Acids to Interfering with Nucleic Acid-Protein Interaction. <i>Molecules</i> , 2019, 24, 396.	1.7	85
4	Probes and drugs that interfere with protein translation via targeting to the RNAs or RNA-protein interactions. <i>Methods</i> , 2019, 167, 124-133.	1.9	5
5	MYC modulators in cancer: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2019, 29, 353-367.	2.4	17
6	Discovery of Isaindigotone Derivatives as Novel Bloom Syndrome Protein (BLM) Helicase Inhibitors That Disrupt the BLM/DNA Interactions and Regulate the Homologous Recombination Repair. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 3147-3162.	2.9	32
7	Discovery of a New Four-Leaf Clover-Like Ligand as a Potent c-MYC Transcription Inhibitor Specifically Targeting the Promoter G-Quadruplex. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 2447-2459.	2.9	86
8	Tracking the Dynamic Folding and Unfolding of RNA G-Quadruplexes in Live Cells. <i>Angewandte Chemie</i> , 2018, 130, 4792-4796.	1.6	27
9	Discovery of Novel Schizocommunin Derivatives as Telomeric G-Quadruplex Ligands That Trigger Telomere Dysfunction and the Deoxyribonucleic Acid (DNA) Damage Response. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 3436-3453.	2.9	33
10	Design, Synthesis, and Evaluation of Novel p-(Methylthio)styryl Substituted Quindoline Derivatives as Neuroblastoma RAS (NRAS) Repressors via Specific Stabilizing the RNA G-Quadruplex. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 6629-6646.	2.9	26
11	Design, Synthesis, and Evaluation of Isaindigotone Derivatives To Downregulate c-myc Transcription via Disrupting the Interaction of NM23-H2 with G-Quadruplex. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 1292-1308.	2.9	40
12	Discovery of Novel 11-Triazole Substituted Benzofuro[3,2-b]quinolone Derivatives as c-myc G-Quadruplex Specific Stabilizers via Click Chemistry. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 5407-5423.	2.9	68
13	Discovery of Small Molecules for Repressing Cap-Independent Translation of Human Vascular Endothelial Growth Factor (hVEGF) as Novel Antitumor Agents. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 5306-5319.	2.9	16
14	New Disubstituted Quindoline Derivatives Inhibiting Burkitt's Lymphoma Cell Proliferation by Impeding c-MYC Transcription. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 5438-5454.	2.9	46
15	Design, Synthesis, and Evaluation of New Selective NM23-H2 Binders as c-MYC Transcription Inhibitors via Disruption of the NM23-H2/G-Quadruplex Interaction. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6924-6941.	2.9	32
16	Specific targeting of telomeric multimeric G-quadruplexes by a new triaryl-substituted imidazole. <i>Nucleic Acids Research</i> , 2017, 45, 1606-1618.	6.5	86
17	Accurate high-throughput identification of parallel G-quadruplex topology by a new tetraaryl-substituted imidazole. <i>Biosensors and Bioelectronics</i> , 2016, 83, 77-84.	5.3	24
18	Synthesis and Mechanism Studies of 1,3-Benzoazolyl Substituted Pyrrolo[2,3-b]pyrazine Derivatives as Nonintercalative Topoisomerase II Catalytic Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 238-252.	2.9	45

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19	A new application of click chemistry in situ: development of fluorescent probe for specific G-quadruplex topology. <i>Scientific Reports</i> , 2015, 5, 17202.	1.6	28
20	Chemical intervention of the NM23-H2 transcriptional programme on c-MYC via a novel small molecule. <i>Nucleic Acids Research</i> , 2015, 43, 6677-6691.	6.5	33
21	Stabilization of VEGF G-quadruplex and inhibition of angiogenesis by quindoline derivatives. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2970-2977.	1.1	34
22	Synthesis and evaluation of new BODIPY-benzofuroquinoline conjugates for sensitive and selective DNA detection. <i>Dyes and Pigments</i> , 2014, 107, 97-105.	2.0	9
23	Development of a new colorimetric and red-emitting fluorescent dual probe for G-quadruplex nucleic acids. <i>Chemical Communications</i> , 2014, 50, 6927-6930.	2.2	57
24	Discovery of a new fluorescent light-up probe specific to parallel G-quadruplexes. <i>Chemical Communications</i> , 2014, 50, 12173-12176.	2.2	48
25	New quinazoline derivatives for telomeric G-quadruplex DNA: Effects of an added phenyl group on quadruplex binding ability. <i>European Journal of Medicinal Chemistry</i> , 2013, 63, 1-13.	2.6	24
26	Benzofuroquinoline Derivatives Had Remarkable Improvement of their Selectivity for Telomeric G-Quadruplex DNA over Duplex DNA upon Introduction of Peptidyl Group. <i>Bioconjugate Chemistry</i> , 2012, 23, 1821-1831.	1.8	20
27	Design, synthesis and evaluation of isaindigotone derivatives as dual inhibitors for acetylcholinesterase and amyloid beta aggregation. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 2527-2534.	1.4	47
28	Disubstituted quinazoline derivatives as a new type of highly selective ligands for telomeric G-quadruplex DNA. <i>European Journal of Medicinal Chemistry</i> , 2012, 47, 299-311.	2.6	42
29	Inhibition of Cell Proliferation by Quindoline Derivative (SYUIQ-05) through its Preferential Interaction with c-myc Promoter G-Quadruplex. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 5671-5679.	2.9	102
30	Impact of planarity of unfused aromatic molecules on G-quadruplex binding: Learning from isaindigotone derivatives. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6422.	1.5	34
31	Pharmacophore-based discovery of triaryl-substituted imidazole as new telomeric G-quadruplex ligand. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 1004-1009.	1.0	41
32	Quinolino-benzo-[5, 6]-dihydroisoquinolium compounds derived from berberine: A new class of highly selective ligands for G-quadruplex DNA in c-myc oncogene. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 1906-1913.	2.6	46
33	Turning off Transcription of the bcl-2 Gene by Stabilizing the bcl-2 Promoter Quadruplex with Quindoline Derivatives. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 4390-4398.	2.9	117
34	Isaindigotone Derivatives: A New Class of Highly Selective Ligands for Telomeric G-Quadruplex DNA. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 2825-2835.	2.9	87
35	9-N-Substituted berberine derivatives: Stabilization of G-quadruplex DNA and down-regulation of oncogene c-myc. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 7582-7591.	1.4	112
36	5-N-Methylated Quindoline Derivatives as Telomeric G-Quadruplex Stabilizing Ligands: Effects of 5-N Positive Charge on Quadruplex Binding Affinity and Cell Proliferation. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 6381-6392.	2.9	123

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37	Stabilization of G-Quadruplex DNA and Down-Regulation of Oncogenec-mycby Quindoline Derivatives. Journal of Medicinal Chemistry, 2007, 50, 1465-1474.	2.9	273
38	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