

Manlio Palumbo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

189
papers

4,965
citations

39
h-index

61
g-index

193
ext. papers

5,297
ext. citations

5.9
avg, IF

5.14
L-index

#	Paper	IF	Citations
189	Targeting Canine Promoter by Candidate DNA G-Quadruplex Ligands. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018 , 367, 461-472	4.7	4
188	Virtual Cross-Linking of the Active Nemorubicin Metabolite PNU-159682 to Double-Stranded DNA. <i>Chemical Research in Toxicology</i> , 2017 , 30, 614-624	4	7
187	Discovery of RET and RET Inhibitors: From Hit to Lead. <i>ChemMedChem</i> , 2017 , 12, 1390-1398	3.7	5
186	G-quadruplexes in human promoters: A challenge for therapeutic applications. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017 , 1861, 1399-1413	4	65
185	The cellular protein nucleolin preferentially binds long-looped G-quadruplex nucleic acids. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017 , 1861, 1371-1381	4	45
184	Highly Improved Electrospray Ionization-Mass Spectrometry Detection of G-Quadruplex-Folded Oligonucleotides and Their Complexes with Small Molecules. <i>Analytical Chemistry</i> , 2017 , 89, 8632-8637	7.8	19
183	Molecular Basis for Differential Recognition of G-Quadruplex versus Double-Helix DNA by Bis-Phenanthroline Metal Complexes. <i>ChemMedChem</i> , 2016 , 11, 1762-9	3.7	6
182	Screening of candidate G-quadruplex ligands for the human c-KIT promotorial region and their effects in multiple in-vitro models. <i>Oncotarget</i> , 2016 , 7, 21658-75	3.3	24
181	Water-soluble isoindolo[2,1-a]quinoxalin-6-imines: in vitro antiproliferative activity and molecular mechanism(s) of action. <i>European Journal of Medicinal Chemistry</i> , 2015 , 94, 149-62	6.8	41
180	Assessment of gene promoter G-quadruplex binding and modulation by a naphthalene diimide derivative in tumor cells. <i>International Journal of Oncology</i> , 2015 , 46, 369-80	4.4	24
179	Inflammatory cytokine expression following the use of bipolar electrocoagulation, ultracision harmonic scalpel and cold knife biopsy. <i>Molecular Medicine Reports</i> , 2015 , 12, 2985-90	2.9	12
178	Aza-isoindolo and isoindolo-azaquinoxaline derivatives with antiproliferative activity. <i>European Journal of Medicinal Chemistry</i> , 2015 , 94, 367-77	6.8	37
177	Biologically relevant Cu ²⁺ complexes with a tridentate phenanthroline analogue: Structural properties and DNA damage. <i>Inorganica Chimica Acta</i> , 2015 , 434, 127-134	2.7	2
176	Novel ametantrone-amsacrine related hybrids as topoisomerase II β poisons and cytotoxic agents. <i>Archiv Der Pharmazie</i> , 2014 , 347, 728-37	4.3	7
175	Sequencing and G-quadruplex folding of the canine proto-oncogene KIT promoter region: might dog be used as a model for human disease?. <i>PLoS ONE</i> , 2014 , 9, e103876	3.7	16
174	Telomeric G-quadruplex architecture and interactions with potential drugs. <i>Current Pharmaceutical Design</i> , 2014 , 20, 6489-509	3.3	14
173	A dynamic G-quadruplex region regulates the HIV-1 long terminal repeat promoter. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 6521-30	8.3	117

172	Metal ion and inter-domain interactions as functional networks in E. coli topoisomerase I. <i>Gene</i> , 2013 , 524, 253-60	3.8	12
171	Ni ²⁺ and Cu ²⁺ complexes of a phenanthroline-based ligand bind to G-quadruplexes at non-overlapping sites. <i>Chemical Communications</i> , 2013 , 49, 8057-9	5.8	14
170	Targeting loop adenines in G-quadruplex by a selective oxirane. <i>Chemistry - A European Journal</i> , 2013 , 19, 78-81	4.8	68
169	Clerocidin-mediated DNA footprinting discriminates among different G-quadruplex conformations and detects tetraplex folding in a duplex environment. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013 , 1830, 4660-8	4	5
168	Formation of a unique cluster of G-quadruplex structures in the HIV-1 Nef coding region: implications for antiviral activity. <i>PLoS ONE</i> , 2013 , 8, e73121	3.7	76
167	Conformation and stability of intramolecular telomeric G-quadruplexes: sequence effects in the loops. <i>PLoS ONE</i> , 2013 , 8, e84113	3.7	27
166	Effect of G-quadruplex polymorphism on the recognition of telomeric DNA by a metal complex. <i>PLoS ONE</i> , 2013 , 8, e58529	3.7	14
165	Differential targeting of unpaired bases within duplex DNA by the natural compound clerocidin: a valuable tool to dissect DNA secondary structure. <i>PLoS ONE</i> , 2012 , 7, e52994	3.7	9
164	Autophagy acts as a safeguard mechanism against G-quadruplex ligand-mediated DNA damage. <i>Autophagy</i> , 2012 , 8, 1185-96	10.2	43
163	Folding versus charge: understanding selective target recognition by the thrombin aptamers. <i>Current Pharmaceutical Design</i> , 2012 , 18, 2027-35	3.3	12
162	Heterocyclic dications as a new class of telomeric G-quadruplex targeting agents. <i>Current Pharmaceutical Design</i> , 2012 , 18, 1934-47	3.3	16
161	Quinone methide generation via photoinduced electron transfer. <i>Journal of Organic Chemistry</i> , 2011 , 76, 3096-106	4.2	37
160	The evolving world of protein-G-quadruplex recognition: a medicinal chemist's perspective. <i>Biochimie</i> , 2011 , 93, 1219-30	4.6	79
159	Naphthalene diimide scaffolds with dual reversible and covalent interaction properties towards G-quadruplex. <i>Biochimie</i> , 2011 , 93, 1328-40	4.6	75
158	Tuning G-quadruplex vs double-stranded DNA recognition in regioisomeric lysyl-peptidyl-anthraquinone conjugates. <i>Bioconjugate Chemistry</i> , 2011 , 22, 2126-35	6.3	34
157	Inhibitory effects of glycosaminoglycans on basal and stimulated transforming growth factor- β expression in mesangial cells: biochemical and structural considerations. <i>Glycobiology</i> , 2011 , 21, 1029-37 ^{5.8}	5.8	4
156	Mapping simocyclinone D8 interaction with DNA gyrase: evidence for a new binding site on GyrB. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 213-20	5.9	24
155	The 6-aminoquinolone WC5 inhibits human cytomegalovirus replication at an early stage by interfering with the transactivating activity of viral immediate-early 2 protein. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 1930-40	5.9	24

154	Photogeneration and reactivity of naphthoquinone methides as purine selective DNA alkylating agents. <i>Journal of the American Chemical Society</i> , 2010 , 132, 14625-37	16.4	78
153	In front of and behind the replication fork: bacterial type IIA topoisomerases. <i>Cellular and Molecular Life Sciences</i> , 2010 , 67, 2001-24	10.3	61
152	Remarkable interference with telomeric function by a G-quadruplex selective bisantrene regioisomer. <i>Biochemical Pharmacology</i> , 2010 , 79, 1781-90	6	16
151	Rational design, synthesis, and DNA binding properties of novel sequence-selective peptidyl congeners of ametantrone. <i>ChemMedChem</i> , 2010 , 5, 1080-91	3.7	13
150	Studies of anti-HIV transcription inhibitor quinolones: identification of potent N1-vinyl derivatives. <i>ChemMedChem</i> , 2010 , 5, 1880-92	3.7	24
149	Inside Cover: Studies of Anti-HIV Transcription Inhibitor Quinolones: Identification of Potent N1-Vinyl Derivatives (ChemMedChem 11/2010). <i>ChemMedChem</i> , 2010 , 5, 1798-1798	3.7	
148	Simocyclinone D8 turns on against Gram-negative bacteria in a clinical setting. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 1202-4	2.9	11
147	Nucleic acid aptamers based on the G-quadruplex structure: therapeutic and diagnostic potential. <i>Current Medicinal Chemistry</i> , 2009 , 16, 1248-65	4.3	124
146	Effects of magnesium and related divalent metal ions in topoisomerase structure and function. <i>Nucleic Acids Research</i> , 2009 , 37, 702-11	20.1	115
145	2-Phenylquinolones as inhibitors of the HIV-1 Tat-TAR interaction. <i>ChemMedChem</i> , 2009 , 4, 935-8	3.7	15
144	Topoisomerase I involvement in schedule-dependent interaction between 5-fluoro-uracil and irinotecan in the treatment of colorectal cancer. <i>Cancer Chemotherapy and Pharmacology</i> , 2009 , 64, 199-200	3.5	2
143	Synthesis and biological evaluation of 2-phenylquinolones targeted at Tat/TAR recognition. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 714-7	2.9	19
142	Quinone methides tethered to naphthalene diimides as selective G-quadruplex alkylating agents. <i>Journal of the American Chemical Society</i> , 2009 , 131, 13132-41	16.4	120
141	Metal ion-mediated assembly of effective phenanthroline-based G-quadruplex ligands. <i>Dalton Transactions</i> , 2009 , 3657-60	4.3	24
140	Reactivity of clerocidin towards adenine: implications for base-modulated DNA damage. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 976-85	3.9	8
139	Tuning the activity of Zn(II) complexes in DNA cleavage: clues for design of new efficient metallo-hydrolases. <i>Inorganic Chemistry</i> , 2008 , 47, 5473-84	5.1	50
138	Aminoacyl-anthraquinone conjugates as telomerase inhibitors: synthesis, biophysical and biological evaluation. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 5566-74	8.3	50
137	DNA gyrase requires DNA for effective two-site coordination of divalent metal ions: further insight into the mechanism of enzyme action. <i>Biochemistry</i> , 2008 , 47, 8538-45	3.2	13

136	Clerocidin selectively modifies the gyrase-DNA gate to induce irreversible and reversible DNA damage. <i>Nucleic Acids Research</i> , 2008 , 36, 5516-29	20.1	13
135	Effective DNA inhibitors of cathepsin g by in vitro selection. <i>International Journal of Molecular Sciences</i> , 2008 , 9, 1008-23	6.3	6
134	Amide bond direction modulates G-quadruplex recognition and telomerase inhibition by 2,6 and 2,7 bis-substituted anthracenedione derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 354-61	3.4	27
133	Perylene side chains modulate G-quadruplex conformation in biologically relevant DNA sequences. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 9331-9	3.4	21
132	BINOL-amino acid conjugates as triggerable carriers of DNA-targeted potent photocytotoxic agents. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 6570-9	8.3	64
131	Tri-, tetra- and heptacyclic perylene analogues as new potential antineoplastic agents based on DNA telomerase inhibition. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 555-62	3.4	64
130	Hot-spot consensus of fluoroquinolone-mediated DNA cleavage by Gram-negative and Gram-positive type II DNA topoisomerases. <i>Nucleic Acids Research</i> , 2007 , 35, 6075-85	20.1	14
129	DNA topoisomerase II structures and anthracycline activity: insights into ternary complex formation. <i>Current Pharmaceutical Design</i> , 2007 , 13, 2766-80	3.3	36
128	Bipyridyl ligands as photoactivatable mono- and bis-alkylating agents capable of DNA cross-linking. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 233-5	3.9	24
127	Interactions of low-molecular-weight semi-synthetic sulfated heparins with human leukocyte elastase and human Cathepsin G. <i>Biochemical Pharmacology</i> , 2006 , 71, 287-93	6	12
126	Clerocidin interacts with the cleavage complex of <i>Streptococcus pneumoniae</i> topoisomerase IV to induce selective irreversible DNA damage. <i>Nucleic Acids Research</i> , 2006 , 34, 1982-91	20.1	9
125	Efficient plasmid DNA cleavage by a mononuclear copper(II) complex. <i>Inorganic Chemistry</i> , 2005 , 44, 2310-7	10.7	106
124	Dissecting reactivity of clerocidin toward common buffer systems by means of selected drug analogues. <i>Chemical Research in Toxicology</i> , 2005 , 18, 35-40	4	3
123	The effects of metal ions on the structure and stability of the DNA gyrase B protein. <i>Journal of Molecular Biology</i> , 2005 , 353, 1152-60	6.5	23
122	Antiviral 6-amino-quinolones: molecular basis for potency and selectivity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005 , 15, 4247-51	2.9	16
121	Novel symmetric and asymmetric DNA scission determinants for <i>Streptococcus pneumoniae</i> topoisomerase IV and gyrase are clustered at the DNA breakage site. <i>Journal of Biological Chemistry</i> , 2005 , 280, 14252-63	5.4	36
120	Anticancer agents: towards the future. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2004 , 4, 425-7		2
119	Concerted bis-alkylating reactivity of clerocidin towards unpaired cytosine residues in DNA. <i>Nucleic Acids Research</i> , 2004 , 32, 5658-67	20.1	13

118	Inhibition of human immunodeficiency virus type 1 tat-trans-activation-responsive region interaction by an antiviral quinolone derivative. <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 1895-9	5.9	36
117	Antiviral properties of quinolone-based drugs. <i>Current Drug Targets Infectious Disorders</i> , 2004 , 4, 111-6		50
116	Antitumor AZA-anthrapyrazoles: biophysical and biochemical studies on 8- and 9-aza regioisomers. <i>Biochemical Pharmacology</i> , 2004 , 67, 631-42	6	15
115	Toward efficient Zn(II)-based artificial nucleases. <i>Journal of the American Chemical Society</i> , 2004 , 126, 4543-9	16.4	101
114	Effects of common buffer systems on drug activity: the case of clerocidin. <i>Chemical Research in Toxicology</i> , 2004 , 17, 492-501	4	15
113	Binol quinone methides as bisalkylating and DNA cross-linking agents. <i>Journal of the American Chemical Society</i> , 2004 , 126, 13973-9	16.4	101
112	Interaction model for anthracycline activity against DNA topoisomerase II. <i>Biochemistry</i> , 2004 , 43, 7503-13	3.2	32
111	Structure modifications of 6-aminoquinolones with potent anti-HIV activity. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 5567-78	8.3	41
110	Development of DNA topoisomerase-related therapeutics: a short perspective of new challenges. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2004 , 4, 335-45		23
109	Antitumor potential of aza-bioisosterism in anthracenedione-based drugs. <i>Current Topics in Medicinal Chemistry</i> , 2004 , 4, 219-30	3	14
108	The quinolone family: from antibacterial to anticancer agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2003 , 3, 439-50		99
107	Modulation of antithrombin-protease interactions by semisynthetic low-molecular-weight heparins with different sulfation patterns. <i>Seminars in Thrombosis and Hemostasis</i> , 2003 , 29, 661-70	5.3	3
106	Alternative approaches to the discovery and development of telomerase-targeted anticancer drugs. <i>Mini-Reviews in Medicinal Chemistry</i> , 2003 , 3, 37-49	3.2	3
105	Involvement of p53 in specific anti-neuroectodermal tumor activity of aloe-emodin. <i>International Journal of Cancer</i> , 2003 , 106, 836-47	7.5	57
104	Design, synthesis, and biological properties of new bis(acridine-4-carboxamides) as anticancer agents. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 3109-15	8.3	51
103	New anti-human immunodeficiency virus type 1 6-aminoquinolones: mechanism of action. <i>Antimicrobial Agents and Chemotherapy</i> , 2003 , 47, 889-96	5.9	55
102	Clerocidin alkylates DNA through its epoxide function: evidence for a fine tuned mechanism of action. <i>Nucleic Acids Research</i> , 2003 , 31, 5149-56	20.1	17
101	Effects of calcium ions on the interactions between antithrombin and factor Xa mediated by variously sulfated, semisynthetic low-molecular-weight heparins. <i>Seminars in Thrombosis and Hemostasis</i> , 2002 , 28, 355-60	5.3	1

100	2,6-Di(omega-aminoalkyl)-2,5,6,7-tetrahydropyrazolo[3,4,5-mn]pyrimido[5,6,1-de]acridine-5,7-diones: novel, potent, cytotoxic, and DNA-binding agents. <i>Journal of Medicinal Chemistry</i> , 2002 , 45, 696-702	8.3	19
99	Sequence-specific interactions of drugs interfering with the topoisomerase-DNA cleavage complex. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2002 , 1587, 145-54	6.9	23
98	Intralesional topotecan in advanced ovarian cancer: a clinical report, based on a preclinical study. <i>Oncology Reports</i> , 2002 , 9, 1351-4	3.5	
97	In vitro selection of DNA aptamers that bind L-tyrosinamide. <i>Bioorganic and Medicinal Chemistry</i> , 2001 , 9, 2543-8	3.4	76
96	Novel pyrrolo[3,2-f]quinolines: synthesis and antiproliferative activity. <i>Bioorganic and Medicinal Chemistry</i> , 2001 , 9, 1843-8	3.4	29
95	A novel 9-aza-anthrapyrazole effective against human prostatic carcinoma xenografts. <i>Oncology</i> , 2001 , 61, 234-42	3.6	12
94	Effects of sulfation on antithrombin-thrombin/factor Xa interactions in semisynthetic low molecular weight heparins. <i>Seminars in Thrombosis and Hemostasis</i> , 2001 , 27, 483-7	5.3	9
93	Ciprofloxacin affects conformational equilibria of DNA gyrase A in the presence of magnesium ions. <i>Journal of Molecular Biology</i> , 2001 , 311, 195-203	6.5	52
92	Dinuclear Zn(2+) complexes of synthetic heptapeptides as artificial nucleases. <i>Journal of the American Chemical Society</i> , 2001 , 123, 3169-70	16.4	140
91	Pyrrolo-quinoline derivatives as potential antineoplastic drugs. <i>Bioorganic and Medicinal Chemistry</i> , 2000 , 8, 1415-22	3.4	34
90	New 1,4-anthracene-9,10-dione derivatives as potential anticancer agents. <i>Il Farmaco</i> , 2000 , 55, 1-5		19
89	Pharmacokinetics of intraperitoneal hyperthermic perfusion with mitoxantrone in ovarian cancer. <i>Cancer Chemotherapy and Pharmacology</i> , 2000 , 45, 457-62	3.5	28
88	DNA phosphodiester bond hydrolysis mediated by Cu(II) and Zn(II) complexes of 1,3,5-triamino-cyclohexane derivatives. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2000 , 19, 1265-71	1.4	10
87	6-hydroxy derivative as new desfluoroquinolone (DFQ): synthesis and DNA-binding study. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2000 , 19, 1327-36	1.4	1
86	6-Aminoquinolones as new potential anti-HIV agents. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 3799-8028.3		94
85	Mg(2+)-mediated binding of 6-substituted quinolones to DNA: relevance to biological activity. <i>Bioorganic and Medicinal Chemistry</i> , 1998 , 6, 1555-61	3.4	48
84	Further insight into the Zn ²⁺ -mediated binding of streptonigrin to DNA. <i>Il Farmaco</i> , 1998 , 53, 645-649		2
83	Synthesis of 2H,9H-naphtho[2,3-b:7,6-b']dipyran-2,9-diones as potential DNA-reactive agents. <i>Il Farmaco</i> , 1998 , 53, 675-679		5

82	Sensing biological effectors through the response of bridged nucleic acids and polynucleotides fixed in liquid-crystalline dispersions. <i>Biosensors and Bioelectronics</i> , 1998 , 13, 279-91	11.8	6
81	Synthesis, DNA-damaging and cytotoxic properties of novel topoisomerase II-directed bisantrene analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998 , 8, 121-6	2.9	7
80	Antineoplastic agents 1998. <i>Expert Opinion on Therapeutic Patents</i> , 1998 , 8, 1627-1672	6.8	8
79	New Peptidyl-Anthraquinones: Synthesis and DNA Binding. <i>Nucleosides & Nucleotides</i> , 1998 , 17, 2135-2141		5
78	Mapping drug interactions at the covalent topoisomerase II-DNA complex by bisantrene/amsacrine congeners. <i>Journal of Biological Chemistry</i> , 1998 , 273, 12732-9	5.4	26
77	Introduction to DNA sequence-specific agents. <i>Advances in DNA Sequence-Specific Agents</i> , 1998 , 3, 1-6		4
76	Sequence-specific poisons of type II DNA topoisomerases. <i>Advances in DNA Sequence-Specific Agents</i> , 1998 , 7-38		1
75	DNA-binding preferences of bisantrene analogues: relevance to the sequence specificity of drug-mediated topoisomerase II poisoning. <i>Molecular Pharmacology</i> , 1998 , 54, 1036-45	4.3	12
74	Novel antineoplastic agents. <i>Expert Opinion on Therapeutic Patents</i> , 1997 , 7, 1401-1426	6.8	18
73	Physicochemical properties, cytotoxic activity and topoisomerase II inhibition of 2,3-diaza-anthracenediones. <i>Biochemical Pharmacology</i> , 1997 , 53, 161-9	6	13
72	Liquid-crystalline structure of nucleic acids: effect of antracycline drugs and copper ions. <i>Journal of Biomolecular Structure and Dynamics</i> , 1997 , 15, 97-105	3.6	11
71	A protein-mediated mechanism for the DNA sequence-specific action of topoisomerase II poisons. <i>Trends in Pharmacological Sciences</i> , 1997 , 18, 323-9	13.2	38
70	A protein-mediated mechanism for the DNA sequence-specific action of topoisomerase II poisons. <i>Trends in Pharmacological Sciences</i> , 1997 , 18, 323-329	13.2	59
69	Preferred interaction of D-peptidyl-anthraquinones with double-stranded B-DNA. <i>International Journal of Biological Macromolecules</i> , 1997 , 21, 319-26	7.9	6
68	Potent 6-desfluoro-8-methylquinolones as new lead compounds in antibacterial chemotherapy. <i>Journal of Medicinal Chemistry</i> , 1996 , 39, 4952-7	8.3	49
67	Adjustable cross-linking of neighboring DNA molecules in liquid-crystalline dispersions through (daunomycin-copper) polymeric chelate complexes. <i>International Journal of Biological Macromolecules</i> , 1996 , 19, 247-55	7.9	9
66	Peptidyl anthraquinones as potential antineoplastic drugs: synthesis, DNA binding, redox cycling, and biological activity. <i>Journal of Medicinal Chemistry</i> , 1996 , 39, 3114-22	8.3	39
65	Fast-atom bombardment mass spectrometry of some pharmacologically relevant anthraquinone derivatives. <i>Rapid Communications in Mass Spectrometry</i> , 1995 , 9, 167-174	2.2	

64	Chromophore-modified antitumor anthracenediones: synthesis, DNA binding, and cytotoxic activity of 1,4-bis[(aminoalkyl)amino]benzo[g]-phthalazine-5,10-diones. <i>Journal of Medicinal Chemistry</i> , 1995 , 38, 526-36	8.3	29
63	Conformational properties of topoisomerase II inhibitors and sequence specificity of DNA cleavage. <i>Journal of Molecular Recognition</i> , 1994 , 7, 227-31	2.6	6
62	Conformational drug determinants of the sequence specificity of drug-stimulated topoisomerase II DNA cleavage. <i>Journal of Molecular Biology</i> , 1994 , 235, 1218-30	6.5	63
61	Relevance of DNA binding to the mechanism of anti-herpesvirus activity of benzhydrazone. <i>Antiviral Research</i> , 1993 , 20, 305-16	10.8	
60	On the mechanism of action of quinolone drugs. <i>Trends in Microbiology</i> , 1993 , 1, 232-5	12.4	75
59	Remarkable lack of biological activity exhibited by a dna-reactive and water-soluble cis-bis(phosphino) platinum(II) complex. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993 , 1547-1550		6
58	Phase I-II intraperitoneal mitoxantrone in advanced pretreated ovarian cancer. <i>European Journal of Cancer</i> , 1993 , 29A, 1242-8	7.5	9
57	Synthesis and biological activity of new quinolone derivatives. <i>European Journal of Medicinal Chemistry</i> , 1993 , 28, 291-296	6.8	8
56	Benzo- and tetrahydrobenzo-psoralen congeners: DNA binding and photobiological properties. <i>Photochemistry and Photobiology</i> , 1993 , 57, 497-503	3.6	22
55	Synthesis and photobiological properties of 4-hydroxymethyl-4-methylpsoralen derivatives. <i>Photochemistry and Photobiology</i> , 1993 , 58, 486-91	3.6	23
54	Sequence specificity of psoralen photobinding to DNA: a quantitative approach. <i>Biochemistry</i> , 1992 , 31, 11818-22	3.2	18
53	New hydroxy-amido-anthraquinones as potential antineoplastic drugs.. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1992 , 2, 659-662	2.9	4
52	Interaction between second generation anthracyclines and DNA in the nucleosomal structure. <i>Nucleic Acids Research</i> , 1991 , 19, 2309-14	20.1	23
51	The peculiar binding properties of 4Sdeoxy,4Siododoxorubicin to isolated DNA and 175 bp nucleosomes. <i>Nucleic Acids Research</i> , 1991 , 19, 5707-11	20.1	5
50	Photobiological activity of 3,4Sdimethyl-8-methoxypsoralen, a linear furocoumarin with unusual DNA-binding properties. <i>Photochemistry and Photobiology</i> , 1990 , 52, 533-40	3.6	8
49	The effect of the minor groove binding agent DAPI (2-amidino-diphenyl-indole) on DNA-directed enzymes: an attempt to explain inhibition of plasmid expression in. <i>FEMS Microbiology Letters</i> , 1990 , 68, 341-346	2.9	11
48	Relevance of ionic effects on norfloxacin uptake by Escherichia coli. <i>Biochemical Pharmacology</i> , 1990 , 40, 431-6	6	19
47	Aminoacyl-Anthraquinones: DNA-Binding and Sequence Specificity. <i>Jerusalem Symposia on Quantum Chemistry and Biochemistry</i> , 1990 , 207-224		4

46	Methylfuroquinolinones: New furocoumarin isosters as potential photoreagents toward dna. <i>Journal of Heterocyclic Chemistry</i> , 1989 , 26, 917-922	1.9	16
45	Diethylaminopropionamido-hydroxy-anthraquinones as potential anticancer agents: synthesis and characterization. <i>Archiv Der Pharmazie</i> , 1989 , 322, 541-4	4.3	6
44	New anthracenediones with potential anticancer activity: synthesis and characterization of bis-diethylaminopropionamido derivatives. <i>Archiv Der Pharmazie</i> , 1988 , 321, 513-5	4.3	4
43	Pyrrolocoumarin derivatives: DNA-binding properties. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1988 , 2, 435-42	6.7	5
42	Interaction of nucleosomes with anthracycline antibiotics: relevance to anticancer activity. <i>Biochemical Pharmacology</i> , 1988 , 37, 1871-2	6	1
41	Do quinolones bind to DNA?. <i>Biochemical Pharmacology</i> , 1988 , 37, 1887-8	6	26
40	Anthracycline antibiotics supported on water-soluble polysaccharides: synthesis and physicochemical characterization. <i>International Journal of Biological Macromolecules</i> , 1988 , 10, 66-74	7.9	11
39	Photoreaction of psoralen derivatives with structurally organized DNA. <i>Photochemistry and Photobiology</i> , 1987 , 45, 87-92	3.6	18
38	Thermodynamics and Stereochemistry of the Interaction between Anthraquinone Drugs and DNA 1987 , 185-198		
37	Structural properties of hyaluronic acid in moderately concentrated solutions. <i>Carbohydrate Research</i> , 1986 , 149, 363-77	2.9	22
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