Nicoletta Bianchi

List of Publications by Year
in descending order

152 papers	4,707 citations	87888 38 h-index	128289 60 g-index
153 all docs	153 docs citations	153 times ranked	4875 citing authors

#	Article	IF	Citations
1	Dysregulation of Transglutaminase type 2 through GATA3 defines aggressiveness and Doxorubicin sensitivity in breast cancer. International Journal of Biological Sciences, 2022, 18, 1-14.	6.4	6
2	Detection of diseaseâ€causing mutations in prostate cancer by NGS sequencing. Cell Biology International, 2022, 46, 1047-1061.	3.0	10
3	Vav1 Selectively Down-Regulates Akt2 through miR-29b in Certain Breast Tumors with Triple Negative Phenotype. Journal of Personalized Medicine, 2022, 12, 993.	2.5	3
4	Circulating microRNAs Suggest Networks Associated with Biological Functions in Aggressive Refractory Type 2 Celiac Disease. Biomedicines, 2022, 10, 1408.	3.2	2
5	Machine Learning Algorithms Highlight tRNA Information Content and Chargaffâ€™s Second Parity Rule Score as Important Features in Discriminating Probiotics from Non-Probiotics. Biology, 2022, 11, 1024.	2.8	2
6	Sex-specific transcriptional profiles identified in Î²-thalassemia patients. Haematologica, 2021, 106, 1207-1211.	3.5	5
7	Inhibition of the lncRNA Coded within Transglutaminase 2 Gene Impacts Several Relevant Networks in MCF-7 Breast Cancer Cells. Non-coding RNA, 2021, 7, 49.	2.6	1
8	The Molecular Networks of microRNAs and Their Targets in the Drug Resistance of Colon Carcinoma. Cancers, 2021, 13, 4355.	3.7	5
9	The Motility and Mesenchymal Features of Breast Cancer Cells Correlate with the Levels and Intracellular Localization of Transglutaminase Type 2. Cells, 2021, 10, 3059.	4.1	8
10	UC.183, UC.110, and UC.84 Ultra-Conserved RNAs Are Mutually Exclusive with miR-221 and Are Engaged in the Cell Cycle Circuitry in Breast Cancer Cell Lines. Genes, 2021, 12, 1978.	2.4	5
11	The network of non-coding RNAs and their molecular targets in breast cancer. Molecular Cancer, 2020, 19, 61.	19.2	36
12	Development and characterization of cellular biosensors for HTS of erythroid differentiation inducers targeting the transcriptional activity of Î³-globin and Î²-globin gene promoters. Analytical and Bioanalytical Chemistry, 2019, 411, 7669-7680.	3.7	2
13	Involvement of non-coding RNAs and transcription factors in the induction of Transglutaminase isoforms by ATRA. Amino Acids, 2019, 51, 1273-1288.	2.7	7
14	Altered erythroidâ€related miRNA levels as a possible novel biomarker for detection of autologous blood transfusion misuse in sport. Transfusion, 2019, 59, 2709-2721.	1.6	11
15	Changes in Adipose Tissue Distribution and Association between Uric Acid and Bone Health during Menopause Transition. International Journal of Molecular Sciences, 2019, 20, 6321.	4.1	7
16	A long non-coding RNA inside the type 2 transglutaminase gene tightly correlates with the expression of its transcriptional variants. Amino Acids, 2018, 50, 421-438.	2.7	7
17	Changes in hemoglobin profile reflect autologous blood transfusion misuse in sports. Internal and Emergency Medicine, 2018, 13, 517-526.	2.0	10
18	Spotlight on the transglutaminase 2 gene: a focus on genomic and transcriptional aspects. Biochemical Journal, 2018, 475, 1643-1667.	3.7	20

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19	Cytokine-Induced Killer Cells Express CD39, CD38, CD203a, CD73 Ectoenzymes and P1 Adenosinergic Receptors. Frontiers in Pharmacology, 2018, 9, 196.	3.5	15
20	BCL11A mRNA Targeting by miR-210: A Possible Network Regulating Î³-Globin Gene Expression. International Journal of Molecular Sciences, 2017, 18, 2530.	4.1	36
21	An AÎ³-globin G->A gene polymorphism associated with Î²039 thalassemia globin gene and high fetal hemoglobin production. BMC Medical Genetics, 2017, 18, 93.	2.1	16
22	Analytic and Dynamic Secretory Profile of Patient-Derived Cytokine-Induced Killer Cells. Molecular Medicine, 2017, 23, 235-246.	4.4	9
23	Natural Substances in the Treatment of Cystic Fibrosis. Clinical Immunology, Endocrine and Metabolic Drugs, 2017, 3, .	0.3	0
24	A validated cellular biobank for Î²-thalassemia. Journal of Translational Medicine, 2016, 14, 255.	4.4	25
25	MicroRNA miR-93-5p regulates expression of IL-8 and VEGF in neuroblastoma SK-N-AS cells. Oncology Reports, 2016, 35, 2866-2872.	2.6	41
26	MicroRNAs Modulate the Purinergic Signaling Network. Trends in Molecular Medicine, 2016, 22, 905-918.	6.7	29
27	Orphan Drugs and Potential Novel Approaches for Therapies of Î²-Thalassemia: Current Status and Future Expectations. Expert Opinion on Orphan Drugs, 2016, 4, 299-315.	0.8	2
28	High levels of apoptosis are induced in human glioma cell lines by co-administration of peptide nucleic acids targeting miR-221 and miR-222. International Journal of Oncology, 2016, 48, 1029-1038.	3.3	62
29	Structural and Functional Insights on an Uncharacterized AÎ³-Globin-Gene Polymorphism Present in Four Î²0-Thalassemia Families with High Fetal Hemoglobin Levels. Molecular Diagnosis and Therapy, 2016, 20, 161-173.	3.8	17
30	Peptide nucleic acids targeting Î²-globin mRNAs selectively inhibit hemoglobin production in murine erythroleukemia cells. International Journal of Molecular Medicine, 2015, 35, 51-58.	4.0	3
31	Regulation of IL-8 gene expression in gliomas by microRNA miR-93. BMC Cancer, 2015, 15, 661.	2.6	31
32	Increase of microRNA-210, Decrease of Raptor Gene Expression and Alteration of Mammalian Target of Rapamycin Regulated Proteins following Mithramycin Treatment of Human Erythroid Cells. PLoS ONE, 2015, 10, e0121567.	2.5	28
33	Recent trends in the gene therapy of β-thalassemia. Journal of Blood Medicine, 2015, 6, 69.	1.7	76
34	Generation and Characterization of a Transgenic Mouse Carrying a Functional HumanÎ²-Globin Gene with the IVSI-6 Thalassemia Mutation. BioMed Research International, 2015, 2015, 1-20.	1.9	2
35	Development and characterization of K562Âcell clones expressing BCL11A-XL: Decreased hemoglobin production with fetal hemoglobin inducers and its rescue with mithramycin. Experimental Hematology, 2015, 43, 1062-1071.e3.	0.4	13
36	Erythroid induction of K562 cells treated with mithramycin is associated with inhibition of raptor gene transcription and mammalian target of rapamycin complex 1 (mTORC1) functions. Pharmacological Research, 2015, 91, 57-68.	7.1	26

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37	Erythroid differentiation ability of butyric acid analogues: Identification of basal chemical structures of new inducers of foetal haemoglobin. European Journal of Pharmacology, 2015, 752, 84-91.	3.5	6
38	Expression of microRNA-93 and Interleukin-8 during Pseudomonas aeruginosaâ€“Mediated Induction of Proinflammatory Responses. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 1144-1155.	2.9	82
39	Uptake by human glioma cell lines and biological effects of a peptide-nucleic acids targeting miR-221. Journal of Neuro-Oncology, 2014, 118, 19-28.	2.9	57
40	Inhibition of miRNA Maturation by Peptide Nucleic Acids. Methods in Molecular Biology, 2014, 1095, 157-164.	0.9	5
41	Molecular Methods for Validation of the Biological Activity of Peptide Nucleic Acids Targeting MicroRNAs. Methods in Molecular Biology, 2014, 1095, 165-176.	0.9	9
42	Targeting pre-miRNA by Peptide Nucleic Acids. Artificial DNA, PNA & XNA, 2012, 3, 88-96.	1.4	20
43	Resveratrol: Antioxidant activity and induction of fetal hemoglobin in erythroid cells from normal donors and Î²-thalassemia patients. International Journal of Molecular Medicine, 2012, 29, 974-82.	4.0	39
44	Peptide nucleic acids targeting miR-221 modulate p27Kip1 expression in breast cancer MDA-MB-231 cells. International Journal of Oncology, 2012, 41, 2119-2127.	3.3	67
45	Corilagin is a potent inhibitor of NF-kappaB activity and downregulates TNF-alpha induced expression of IL-8 gene in cystic fibrosis IB3-1 cells. International Immunopharmacology, 2012, 13, 308-315.	3.8	59
46	Involvement of miRNA in erythroid differentiation. Epigenomics, 2012, 4, 51-65.	2.1	54
47	A combined approach for Î²-thalassemia based on gene therapy-mediated adult hemoglobin (HbA) production and fetal hemoglobin (HbF) induction. Annals of Hematology, 2012, 91, 1201-1213.	1.8	21
48	Cellular Uptakes, Biostabilities and Antiâ€miRâ€210 Activities of Chiral Arginineâ€PNAs in Leukaemic K562 Cells. ChemBioChem, 2012, 13, 1327-1337.	2.6	56
49	Therapeutic Hemoglobin Levels after Gene Transfer in Î²-Thalassemia Mice and in Hematopoietic Cells of Î²-Thalassemia and Sickle Cells Disease Patients. PLoS ONE, 2012, 7, e32345.	2.5	78
50	miRNA therapeutics: delivery and biological activity of peptide nucleic acids targeting miRNAs. Epigenomics, 2011, 3, 733-745.	2.1	39
51	Development of a novel furocoumarin derivative inhibiting NF-ÎºB dependent biological functions: Design, synthesis and biological effects. European Journal of Medicinal Chemistry, 2011, 46, 4870-4877.	5.5	38
52	Targeting microRNAs involved in human diseases: A novel approach for modification of gene expression and drug development. Biochemical Pharmacology, 2011, 82, 1416-1429.	4.4	100
53	Bergamot (Citrus bergamia Risso) fruit extracts and identified components alter expression of interleukin 8 gene in cystic fibrosis bronchial epithelial cell lines. BMC Biochemistry, 2011, 12, 15.	4.4	34
54	Modulation of the Biological Activity of microRNAâ€210 with Peptide Nucleic Acids (PNAs). ChemMedChem, 2011, 6, 2192-2202.	3.2	72

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55	Trimethylangelicin reduces IL-8 transcription and potentiates CFTR function. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 300, L380-L390.	2.9	34
56	The Human Ankyrin Insulator Supports Production of Therapeutic Levels of Adult Hemoglobin Following Î²-Globin Gene Transfer in Hematopoietic Cells Derived From Thalassemic and Sickle Cell Patients. Blood, 2011, 118, 2055-2055.	1.4	6
57	Virtual screening against nuclear factor ÎºB (NF-ÎºB) of a focus library: Identification of bioactive furocoumarin derivatives inhibiting NF-ÎºB dependent biological functions involved in cystic fibrosis. Bioorganic and Medicinal Chemistry, 2010, 18, 8341-8349.	3.0	37
58	Erythroid Induction of Chronic Myelogenous Leukemia K562 Cells Following Treatment with a Photoproduct Derived from the UVâ€A Irradiation of 5â€Methoxypsoralen. ChemMedChem, 2010, 5, 1506-1512.	3.2	6
59	Î³-Hydroxymethyl PNAs: Synthesis, interaction with DNA and inhibition of protein/DNA interactions. Bioorganic Chemistry, 2010, 38, 196-201.	4.1	17
60	The biocompatibility of materials used in printed circuit board technologies with respect to primary neuronal and K562 cells. Biomaterials, 2010, 31, 1045-1054.	11.4	16
61	Targeting Transcription Factor Activity as a Strategy to Inhibit Pro- Inflammatory Genes Involved in Cystic Fibrosis: Decoy Oligonucleotides and Low-Molecular Weight Compounds. Current Medicinal Chemistry, 2010, 17, 4392-4404.	2.4	32
62	Fetal Hemoglobin Inducers from the Natural World: A Novel Approach for Identification of Drugs for the Treatment of Î²-Thalassemia and Sickle-Cell Anemia. Evidence-based Complementary and Alternative Medicine, 2009, 6, 141-151.	1.2	59
63	Production of Î²â€globin and adult hemoglobin following G418 treatment of erythroid precursor cells from homozygous Î²⁰39 thalassemia patients. American Journal of Hematology, 2009, 84, 720-728.	4.1	30
64	Virtual Screening against p50 NFâ€ÎºB Transcription Factor for the Identification of Inhibitors of the NFâ€ÎºBâ€“DNA Interaction and Expression of NFâ€ÎºB Upregulated Genes. ChemMedChem, 2009, 4, 2024-2033.	3.2	14
65	Arginine transport in human erythroid cells: discrimination of CAT1 and 4F2hc/y+LAT2 roles. Pflugers Archiv European Journal of Physiology, 2009, 458, 1163-1173.	2.8	23
66	Increase in Î³-globin mRNA content in human erythroid cells treated with angelicin analogs. International Journal of Hematology, 2009, 90, 318-327.	1.6	26
67	Differentiation and Apoptosis in UVAâ€Irradiated Cells Treated with Furocoumarin Derivatives. Annals of the New York Academy of Sciences, 2009, 1171, 334-344.	3.8	17
68	Synthesis of glycose carbamides and evaluation of the induction of erythroid differentiation of human erythroleukemic K562 cells. European Journal of Medicinal Chemistry, 2009, 44, 745-754.	5.5	5
69	Development of K562 cell clones expressing Î²â€globin mRNA carrying the Î²⁰39 thalassaemia mutation for the screening of correctors of stopâ€codon mutations. Biotechnology and Applied Biochemistry, 2009, 54, 41-52.	3.1	15
70	Bergamot (Citrus bergamia Risso) Fruit Extracts as Î³-Globin Gene Expression Inducers: Phytochemical and Functional Perspectives. Journal of Agricultural and Food Chemistry, 2009, 57, 4103-4111.	5.2	28
71	Modulation of expression of IL-8 gene in bronchial epithelial cells by 5-methoxypsoralen. International Immunopharmacology, 2009, 9, 1411-1422.	3.8	25
72	Following Beta-Globin Gene Transfer, the Production of Hemoglobin Depends Upon the Beta-Thalassemia Genotype.. Blood, 2009, 114, 978-978.	1.4	4

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73	Expression of miR-210 during erythroid differentiation and induction of Î³-globin gene expression. BMB Reports, 2009, 42, 493-499.	2.4	82
74	Furocoumarins photolysis products induce differentiation of human erythroid cells. Journal of Photochemistry and Photobiology B: Biology, 2008, 92, 24-28.	3.8	9
75	Induction of Î³-globin mRNA, erythroid differentiation and apoptosis in UVA-irradiated human erythroid cells in the presence of furocumarin derivatives. Biochemical Pharmacology, 2008, 75, 810-825.	4.4	39
76	Pyrogallol, an active compound from the medicinal plant Emblica officinalis, regulates expression of pro-inflammatory genes in bronchial epithelial cells. International Immunopharmacology, 2008, 8, 1672-1680.	3.8	87
77	A Novel Frameshift Mutation (+A) at Codon 18 of the Î²-Globin Gene Associated with High Persistence of Fetal Hemoglobin Phenotype and ÎÎ²-Thalassemia. Acta Haematologica, 2008, 119, 28-37.	1.4	9
78	New trends in non-invasive prenatal diagnosis: Applications of dielectrophoresis-based Lab-on-a-chip platforms to the identification and manipulation of rare cells (Review). International Journal of Molecular Medicine, 2008, , .	4.0	5
79	Inhibitory Effects of Bangladeshi Medicinal Plant Extracts on Interactions between Transcription Factors and Target DNA Sequences. Evidence-based Complementary and Alternative Medicine, 2008, 5, 303-312.	1.2	40
80	New trends in non-invasive prenatal diagnosis: applications of dielectrophoresis-based Lab-on-a-chip platforms to the identification and manipulation of rare cells. International Journal of Molecular Medicine, 2008, 21, 3-12.	4.0	37
81	Structure and Biological Activity of Furocoumarins. , 2007, , 265-276.		25
82	Everolimus Is a Potent Inducer of Erythroid Differentiation and Î³-Globin Gene Expression in Human Erythroid Cells. Acta Haematologica, 2007, 117, 168-176.	1.4	41
83	Alternate PNAâ€DNA chimeras (PNAâ€DNA)_n: Synthesis, binding properties and biological activity. Biopolymers, 2007, 88, 815-822.	2.4	16
84	Plants with antitumor properties: from biologically active molecules to drugs. Advances in Phytomedicine, 2006, 2, 45-63.	0.1	9
85	Effects on erythroid differentiation of platinum(II) complexes of synthetic bile acid derivatives. Bioorganic and Medicinal Chemistry, 2006, 14, 5204-5210.	3.0	16
86	Preparation and biological evaluation of some 1,2-O-isopropylidene-d-hexofuranose esters. Carbohydrate Research, 2006, 341, 538-544.	2.3	4
87	Effects of rapamycin on accumulation of Î±â€, Î²â€•and Î³â€globin mRNAs in erythroid precursor cells from Î²â€thalassaemia patients. European Journal of Haematology, 2006, 77, 437-441.	2.2	83
88	Effects of medicinal plant extracts on molecular interactions between DNA and transcription factors. Advances in Phytomedicine, 2006, 2, 35-43.	0.1	2
89	Modular usage of the HLA-DRA promoter in extra-hematopoietic and hematopoietic cell types of transgenic mice. FEBS Journal, 2005, 272, 3214-3226.	4.7	4
90	Bangladeshi Medicinal Plant Extracts Inhibiting Molecular Interactions between Nuclear Factors and Target DNA Sequences Mimicking NF-kB Binding Sites. Medicinal Chemistry, 2005, 1, 327-333.	1.5	29

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91	Decoy Molecules Based on PNAâ€“DNA Chimeras and Targeting Sp1 Transcription Factors Inhibit the Activity of Urokinase-Type Plasminogen Activator Receptor (uPAR) Promoter. Oncology Research, 2005, 15, 373-383.	1.5	15
92	Elevated Expression of A3 Adenosine Receptors in Human Colorectal Cancer Is Reflected in Peripheral Blood Cells. Clinical Cancer Research, 2004, 10, 5895-5901.	7.0	404
93	Rapamycinâ€mediated induction of Î³â€globin mRNA accumulation in human erythroid cells. British Journal of Haematology, 2004, 126, 612-621.	2.5	56
94	Binding of hybrid molecules containing pyrrolo [2,1-c][1,4]benzodiazepine (PBD) and oligopyrrole carriers to the human immunodeficiency type 1 virus TAR-RNA. Biochemical Pharmacology, 2004, 67, 401-410.	4.4	14
95	Complexation to cationic microspheres of double-stranded peptide nucleic acid-DNA chimeras exhibiting decoy activity. Journal of Biomedical Science, 2004, 11, 697-704.	7.0	9
96	Design, Synthesis and Growth Inhibition Activity of Bis-Epoxyethyl Derivatives of Stallimycin Modified on the Amidino Moiety. Medicinal Chemistry Research, 2004, 13, 282-296.	2.4	1
97	Peptide Nucleic Acids (PNA)-DNA Chimeras Targeting Transcription Factors as a Tool to Modify Gene Expression. Current Drug Targets, 2004, 5, 735-744.	2.1	21
98	Effects of extracts from Bangladeshi medicinal plants on in vitro proliferation of human breast cancer cell lines and expression of estrogen receptor alpha gene. International Journal of Oncology, 2004, 24, 419-23.	3.3	14
99	Complexation to Cationic Microspheres of Double-Stranded Peptide Nucleic Acid-DNA Chimeras Exhibiting Decoy Activity. Journal of Biomedical Science, 2004, 11, 697-704.	7.0	0
100	Accumulation of Î³â€globin mRNA in human erythroid cells treated with angelicin. European Journal of Haematology, 2003, 71, 189-198.	2.2	80
101	Evaluation of the mutagenic, antimutagenic and antiproliferative potential of Croton lechleri (Muell.) Tj ETQq1 1 0.784314 rgBT /Over	5.3	35
102	In vitro antiproliferative effects on human tumor cell lines of extracts from the Bangladeshi medicinal plant Aegle marmelos Correa. Phytomedicine, 2003, 10, 300-308.	5.3	109
103	Inhibition of NF-ĸB/DNA Interactions and HIV-1 LTR Directed Transcription by Hybrid Molecules Containing Pyrrolo [2,1-c] [1,4] Benzodiazepine (PBD) and Oligopyrrole Carriers. Drug Development Research, 2003, 60, 173-185.	2.9	6
104	Benzoyl nitrogen mustard derivatives of benzoheterocyclic analogues of netropsin: Synthesis and biological activity. Bioorganic and Medicinal Chemistry, 2003, 11, 2381-2388.	3.0	12
105	Synthesis and growth inhibition activity of Î±-Bromoacrylic heterocyclic and benzoheterocyclic derivatives of distamycin A modified on the amidino moiety. Bioorganic and Medicinal Chemistry, 2003, 11, 965-975.	3.0	24
106	Quantitation of Bt-176 Maize Genomic Sequences by Surface Plasmon Resonance-Based Biospecific Interaction Analysis of Multiplex Polymerase Chain Reaction (PCR). Journal of Agricultural and Food Chemistry, 2003, 51, 4640-4646.	5.2	37
107	Transcription Factor Decoy Molecules Based on a Peptide Nucleic Acid (PNA)-DNA Chimera Mimicking Sp1 Binding Sites. Journal of Biological Chemistry, 2003, 278, 7500-7509.	3.4	76
108	Identification of a novel DNase I hypersensitive site within the far upstream region of the human HLA-DRA gene. International Journal of Molecular Medicine, 2003, 12, 929.	4.0	0

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109	Resistance of Decoy PNAâ€“DNA Chimeras to Enzymatic Degradation in Cellular Extracts and Serum. Oncology Research, 2003, 13, 279-287.	1.5	23
110	Mithramycin induces fetal hemoglobin production in normal and thalassemic human erythroid precursor cells. Blood, 2003, 102, 1276-1281.	1.4	123
111	Induction of gamma-globin gene expression by tallimustine analogs in human erythroid cells. Haematologica, 2003, 88, 826-7.	3.5	18
112	Inhibition of HIV-1 LTR-driven in vitro transcription by molecular hybrids based on peptide nucleic acids mimicking the NF-Î¹B binding site. International Journal of Molecular Medicine, 2002, 9, 633.	4.0	0
113	Identification of pyrogallol as an antiproliferative compound present in extracts from the medicinal plant Emblica officinalis: Effects on in vitro cell growth of human tumor cell lines. International Journal of Oncology, 2002, 21, 187.	3.3	35
114	Biosensor Technology and Surface Plasmon Resonance for Real-Time Detection of Genetically Modified Roundup Ready Soybean Gene Sequences. Journal of Agricultural and Food Chemistry, 2002, 50, 955-962.	5.2	103
115	Cationic liposomes as delivery systems for double-stranded PNAâ€“DNA chimeras exhibiting decoy activity against NF-Î¹B transcription factors. Biochemical Pharmacology, 2002, 64, 609-616.	4.4	54
116	Preparation and evaluation of the in vitro erythroid differentiation induction properties of some esters of methyl 3,4-O-isopropylidene-Î²-d-galactopyranoside and 2,3-O-isopropylidene-d-mannofuranose. Bioorganic and Medicinal Chemistry, 2002, 10, 347-353.	3.0	9
117	Inhibition of HIV-1 LTR-driven in vitro transcription by molecular hybrids based on peptide nucleic acids mimicking the NF-kappaB binding site. International Journal of Molecular Medicine, 2002, 9, 633-9.	4.0	2
118	Identification of pyrogallol as an antiproliferative compound present in extracts from the medicinal plant Emblica officinalis: effects on in vitro cell growth of human tumor cell lines. International Journal of Oncology, 2002, 21, 187-92.	3.3	20
119	Accumulation of Î³â€globin mRNA and induction of erythroid differentiation after treatment of human leukaemic K562 cells with tallimustine. British Journal of Haematology, 2001, 113, 951-961.	2.5	58
120	Molecular interactions with nuclear factor Î¹B (NF-Î¹B) transcription factors of a PNA-DNA chimera mimicking NF-Î¹B binding sites. FEBS Journal, 2001, 268, 6066-6075.	0.2	40
121	Biosensor technology for real-time detection of the cystic fibrosis W1282X mutation in CFTR. Human Mutation, 2001, 18, 70-81.	2.5	37
122	Peptide Nucleic Acids and Biosensor Technology for Real-Time Detection of the Cystic Fibrosis W1282X Mutation by Surface Plasmon Resonance. Laboratory Investigation, 2001, 81, 1415-1427.	3.7	50
123	Aromatic Polyamidines Inhibiting the Tat-Induced HIV-1 Transcription Recognize Structured TAR-RNA. Oligonucleotides, 2001, 11, 209-217.	4.3	26
124	Synthesis of hybrid distamycinâ€“cysteine labeled with 99mTc: a model for a novel class of cancer imaging agents. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 1397-1400.	2.2	12
125	Pyrazolo-triazoles as light activable dna cleaving agents. Bioorganic and Medicinal Chemistry, 2000, 8, 2343-2346.	3.0	76
126	Liposomes as carriers for DNAâ€“PNA hybrids. Journal of Controlled Release, 2000, 68, 237-249.	9.9	56

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127	Induction of erythroid differentiation of human K562 cells by cisplatin analogs. Biochemical Pharmacology, 2000, 60, 31-40.	4.4	89
128	Synthesis and Antitumor Activity of New Benzoheterocyclic Derivatives of Distamycin A. Journal of Medicinal Chemistry, 2000, 43, 2675-2684.	6.4	47
129	DNA Sequence-recognizing Properties of Minor Groove Alkylating Agents. Arzneimittelforschung, 2000, 50, 309-315.	0.4	0
130	Computational Procedures to Explain the Different Biological Activity of DNA/DNA, DNA/PNA and PNA/PNA Hybrid Molecules Mimicking NF-Î¹B Binding Sites. Journal of Biomolecular Structure and Dynamics, 2000, 18, 353-362.	3.5	15
131	Interaction of the Human NF-Î¹B p52 Transcription Factor with DNA-PNA Hybrids Mimicking the NF-Î¹B Binding Sites of the Human Immunodeficiency Virus Type 1 Promoter. Journal of Biological Chemistry, 1999, 274, 33114-33122.	3.4	63
132	Induction of erythroid differentiation of human K562 cells by 3-O-acyl-1,2-O-isopropylidene-D-glucofuranose derivatives. Bioorganic and Medicinal Chemistry Letters, 1999, 9, 3153-3158.	2.2	9
133	The DNAâ€binding drugs mithramycin and chromomycin are powerful inducers of erythroid differentiation of human K562 cells. British Journal of Haematology, 1999, 104, 258-265.	2.5	73
134	Detection of the ?F508 (F508del) mutation of the cystic fibrosis gene by surface plasmon resonance and biosensor technology. , 1999, 13, 390-400.		34
135	Selective binding to human genomic sequences of two synthetic analogues structurally related to U-71184 and adozelesin. , 1999, 46, 96-106.		0
136	Analysis of the human HLA-DRA gene upstream region: Evidence for a stem-loop array directed by nuclear factors. Biochimie, 1999, 81, 219-228.	2.6	3
137	Synthesis, in Vitro Antiproliferative Activity, and DNA-Binding Properties of Hybrid Molecules Containing Pyrrolo[2,1-c][1,4]benzodiazepine and Minor-Groove-Binding Oligopyrrole Carriers. Journal of Medicinal Chemistry, 1999, 42, 5131-5141.	6.4	64
138	Design, synthesis and biological activity of a pyrrolo [2,1-c][1,4]benzodiazepine (PBD)-distamycin hybrid. Bioorganic and Medicinal Chemistry Letters, 1998, 8, 3019-3024.	2.2	27
139	Bis-epoxyethyl derivatives of distamycin A modified on the amidino moiety: Induction of production of fetal hemoglobin in human erythroid precursor cells. International Journal of Molecular Medicine, 1998, 23, 105.	4.0	2
140	Targeting of the HIV-1 long terminal repeat with chromomycin potentiates the inhibitory effects of a triplex-forming oligonucleotide on Sp1â€“DNA interactions and in vitro transcription. Biochemical Journal, 1997, 326, 919-927.	3.7	24
141	Biosensor technology and surface plasmon resonance for real-time detection of HIV-1 genomic sequences amplified by polymerase chain reaction. Clinical and Diagnostic Virology, 1997, 8, 199-208.	1.7	68
142	In vitro and in vivo binding of a CC-1065 analogue to human gene sequences: a polymerase-chain reaction study. European Journal of Pharmacology, 1997, 319, 317-325.	3.5	7
143	Targeting of the Sp1 binding sites of HIV-1 long terminal repeat with chromomycin. Biochemical Pharmacology, 1996, 52, 1489-1498.	4.4	29
144	Binding of distamycin and chromomycin to human immunodeficiency type 1 virus DNA: a non-radiactive automated footprinting study. European Journal of Pharmacology, 1995, 290, 85-93.	2.6	15

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145	Sequencing of an upstream region of the human HLA-DRA gene containing X' and Y' boxes. Nucleic Acids Research, 1995, 23, 1671-1678.	14.5	9
146	Alteration of the expression of human estrogen receptor gene by distamycin. Journal of Steroid Biochemistry and Molecular Biology, 1995, 54, 211-215.	2.5	18
147	Capillary electrophoresis: detection of hybridization between synthetic oligonucleotides and HIV-1 genomic DNA amplified by polymerase-chain reaction. Journal of Virological Methods, 1994, 47, 321-329.	2.1	12
148	A chromatographic procedure for fully automated isolation of DNA from human whole blood. Journal of Proteomics, 1994, 28, 185-193.	2.4	3
149	Polymerase-chain reaction as a tool for investigations on sequence-selectivity of DNA-drugs interactions. Journal of Proteomics, 1994, 29, 307-319.	2.4	18
150	Sequencing of an RNA transcript of the human estrogen receptor gene: Evidence for a new transcriptional event. Journal of Steroid Biochemistry and Molecular Biology, 1993, 46, 531-538.	2.5	53
151	Polymerase-chain reaction: analysis of DNA/DNA hybridization by capillary electrophoresis. Nucleic Acids Research, 1993, 21, 3595-3596.	14.5	21
152	Gene Modulation by Peptide Nucleic Acids (PNAs) Targeting microRNAs (miRs). , 0, , .		4