

# Nicoletta Bianchi

## List of Publications by Year in descending order

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151  
papers

4,707  
citations

87723

38  
h-index

128067

60  
g-index

153  
all docs

153  
docs citations

153  
times ranked

4875  
citing authors

#	ARTICLE	IF	CITATIONS
1	Elevated Expression of A3 Adenosine Receptors in Human Colorectal Cancer Is Reflected in Peripheral Blood Cells. <i>Clinical Cancer Research</i> , 2004, 10, 5895-5901.	3.2	404
2	Mithramycin induces fetal hemoglobin production in normal and thalassemic human erythroid precursor cells. <i>Blood</i> , 2003, 102, 1276-1281.	0.6	123
3	In vitro antiproliferative effects on human tumor cell lines of extracts from the Bangladeshi medicinal plant <i>Aegle marmelos</i> Correa. <i>Phytomedicine</i> , 2003, 10, 300-308.	2.3	109
4	Biosensor Technology and Surface Plasmon Resonance for Real-Time Detection of Genetically Modified Roundup Ready Soybean Gene Sequences. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 955-962.	2.4	103
5	Targeting microRNAs involved in human diseases: A novel approach for modification of gene expression and drug development. <i>Biochemical Pharmacology</i> , 2011, 82, 1416-1429.	2.0	100
6	Induction of erythroid differentiation of human K562 cells by cisplatin analogs. <i>Biochemical Pharmacology</i> , 2000, 60, 31-40.	2.0	89
7	Pyrogallol, an active compound from the medicinal plant <i>Emblica officinalis</i> , regulates expression of pro-inflammatory genes in bronchial epithelial cells. <i>International Immunopharmacology</i> , 2008, 8, 1672-1680.	1.7	87
8	Effects of rapamycin on accumulation of $\alpha$ -, $\beta$ - and $\gamma$ -globin mRNAs in erythroid precursor cells from $\beta$ -thalassaemia patients. <i>European Journal of Haematology</i> , 2006, 77, 437-441.	1.1	83
9	Expression of microRNA-93 and Interleukin-8 during <i>Pseudomonas aeruginosa</i> Mediated Induction of Proinflammatory Responses. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 1144-1155.	1.4	82
10	Expression of miR-210 during erythroid differentiation and induction of $\beta$ -globin gene expression. <i>BMB Reports</i> , 2009, 42, 493-499.	1.1	82
11	Accumulation of $\beta$ -globin mRNA in human erythroid cells treated with angelicin. <i>European Journal of Haematology</i> , 2003, 71, 189-198.	1.1	80
12	Therapeutic Hemoglobin Levels after Gene Transfer in $\beta$ -Thalassemia Mice and in Hematopoietic Cells of $\beta$ -Thalassemia and Sickle Cells Disease Patients. <i>PLoS ONE</i> , 2012, 7, e32345.	1.1	78
13	Pyrazolo-triazoles as light activable dna cleaving agents. <i>Bioorganic and Medicinal Chemistry</i> , 2000, 8, 2343-2346.	1.4	76
14	Transcription Factor Decoy Molecules Based on a Peptide Nucleic Acid (PNA)-DNA Chimera Mimicking Sp1 Binding Sites. <i>Journal of Biological Chemistry</i> , 2003, 278, 7500-7509.	1.6	76
15	Recent trends in the gene therapy of $\beta$ -thalassemia. <i>Journal of Blood Medicine</i> , 2015, 6, 69.	0.7	76
16	The DNA-binding drugs mithramycin and chromomycin are powerful inducers of erythroid differentiation of human K562 cells. <i>British Journal of Haematology</i> , 1999, 104, 258-265.	1.2	73
17	Modulation of the Biological Activity of microRNA-210 with Peptide Nucleic Acids (PNAs). <i>ChemMedChem</i> , 2011, 6, 2192-2202.	1.6	72
18	Biosensor technology and surface plasmon resonance for real-time detection of HIV-1 genomic sequences amplified by polymerase chain reaction. <i>Clinical and Diagnostic Virology</i> , 1997, 8, 199-208.	1.8	68

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19	Peptide nucleic acids targeting miR-221 modulate p27Kip1 expression in breast cancer MDA-MB-231 cells. <i>International Journal of Oncology</i> , 2012, 41, 2119-2127.	1.4	67
20	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. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 5131-5141.	2.9	64
21	Interaction of the Human NF- $\kappa$ B p52 Transcription Factor with DNA-PNA Hybrids Mimicking the NF- $\kappa$ B Binding Sites of the Human Immunodeficiency Virus Type 1 Promoter. <i>Journal of Biological Chemistry</i> , 1999, 274, 33114-33122.	1.6	63
22	High levels of apoptosis are induced in human glioma cell lines by co-administration of peptide nucleic acids targeting miR-221 and miR-222. <i>International Journal of Oncology</i> , 2016, 48, 1029-1038.	1.4	62
23	Fetal Hemoglobin Inducers from the Natural World: A Novel Approach for Identification of Drugs for the Treatment of $\beta$ -Thalassemia and Sickle-Cell Anemia. <i>Evidence-based Complementary and Alternative Medicine</i> , 2009, 6, 141-151.	0.5	59
24	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. <i>International Immunopharmacology</i> , 2012, 13, 308-315.	1.7	59
25	Accumulation of $\beta$ -globin mRNA and induction of erythroid differentiation after treatment of human leukaemic K562 cells with tallimustine. <i>British Journal of Haematology</i> , 2001, 113, 951-961.	1.2	58
26	Uptake by human glioma cell lines and biological effects of a peptide-nucleic acids targeting miR-221. <i>Journal of Neuro-Oncology</i> , 2014, 118, 19-28.	1.4	57
27	Liposomes as carriers for DNA-PNA hybrids. <i>Journal of Controlled Release</i> , 2000, 68, 237-249.	4.8	56
28	Rapamycin-mediated induction of $\beta$ -globin mRNA accumulation in human erythroid cells. <i>British Journal of Haematology</i> , 2004, 126, 612-621.	1.2	56
29	Cellular Uptakes, Biostabilities and Anti-miR-210 Activities of Chiral Arginine-PNAs in Leukaemic K562 Cells. <i>ChemBioChem</i> , 2012, 13, 1327-1337.	1.3	56
30	Cationic liposomes as delivery systems for double-stranded PNA-DNA chimeras exhibiting decoy activity against NF- $\kappa$ B transcription factors. <i>Biochemical Pharmacology</i> , 2002, 64, 609-616.	2.0	54
31	Involvement of miRNA in erythroid differentiation. <i>Epigenomics</i> , 2012, 4, 51-65.	1.0	54
32	Sequencing of an RNA transcript of the human estrogen receptor gene: Evidence for a new transcriptional event. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1993, 46, 531-538.	1.2	53
33	Peptide Nucleic Acids and Biosensor Technology for Real-Time Detection of the Cystic Fibrosis W1282X Mutation by Surface Plasmon Resonance. <i>Laboratory Investigation</i> , 2001, 81, 1415-1427.	1.7	50
34	Synthesis and Antitumor Activity of New Benzoheterocyclic Derivatives of Distamycin A. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 2675-2684.	2.9	47
35	Everolimus Is a Potent Inducer of Erythroid Differentiation and $\beta$ -Globin Gene Expression in Human Erythroid Cells. <i>Acta Haematologica</i> , 2007, 117, 168-176.	0.7	41
36	MicroRNA miR-93-5p regulates expression of IL-8 and VEGF in neuroblastoma SK-N-AS cells. <i>Oncology Reports</i> , 2016, 35, 2866-2872.	1.2	41

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37	Molecular interactions with nuclear factor $\hat{\rho}$ B (NF- $\hat{\rho}$ B) transcription factors of a PNA-DNA chimera mimicking NF- $\hat{\rho}$ B binding sites. <i>FEBS Journal</i> , 2001, 268, 6066-6075.	0.2	40
38	Inhibitory Effects of Bangladeshi Medicinal Plant Extracts on Interactions between Transcription Factors and Target DNA Sequences. <i>Evidence-based Complementary and Alternative Medicine</i> , 2008, 5, 303-312.	0.5	40
39	Induction of $\hat{\rho}$ 3-globin mRNA, erythroid differentiation and apoptosis in UVA-irradiated human erythroid cells in the presence of furocoumarin derivatives. <i>Biochemical Pharmacology</i> , 2008, 75, 810-825.	2.0	39
40	miRNA therapeutics: delivery and biological activity of peptide nucleic acids targeting miRNAs. <i>Epigenomics</i> , 2011, 3, 733-745.	1.0	39
41	Resveratrol: Antioxidant activity and induction of fetal hemoglobin in erythroid cells from normal donors and $\hat{\rho}$ 2-thalassemia patients. <i>International Journal of Molecular Medicine</i> , 2012, 29, 974-82.	1.8	39
42	Development of a novel furocoumarin derivative inhibiting NF- $\hat{\rho}$ B dependent biological functions: Design, synthesis and biological effects. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 4870-4877.	2.6	38
43	Biosensor technology for real-time detection of the cystic fibrosis W1282X mutation in CFTR. <i>Human Mutation</i> , 2001, 18, 70-81.	1.1	37
44	Quantitation of Bt-176 Maize Genomic Sequences by Surface Plasmon Resonance-Based Biospecific Interaction Analysis of Multiplex Polymerase Chain Reaction (PCR). <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 4640-4646.	2.4	37
45	Virtual screening against nuclear factor $\hat{\rho}$ B (NF- $\hat{\rho}$ B) of a focus library: Identification of bioactive furocoumarin derivatives inhibiting NF- $\hat{\rho}$ B dependent biological functions involved in cystic fibrosis. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 8341-8349.	1.4	37
46	New trends in non-invasive prenatal diagnosis: applications of dielectrophoresis-based Lab-on-a-chip platforms to the identification and manipulation of rare cells. <i>International Journal of Molecular Medicine</i> , 2008, 21, 3-12.	1.8	37
47	BCL11A mRNA Targeting by miR-210: A Possible Network Regulating $\hat{\rho}$ 3-Globin Gene Expression. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2530.	1.8	36
48	The network of non-coding RNAs and their molecular targets in breast cancer. <i>Molecular Cancer</i> , 2020, 19, 61.	7.9	36
49	Identification of pyrogallol as an antiproliferative compound present in extracts from the medicinal plant <i>Emblca officinalis</i> : Effects on in vitro cell growth of human tumor cell lines. <i>International Journal of Oncology</i> , 2002, 21, 187.	1.4	35
50	Evaluation of the mutagenic, antimutagenic and antiproliferative potential of <i>Croton lechleri</i> (Muell.) Tj ETQq0 0 0 rBT /Overlock 10 Tf	2.8	35
51	Detection of the $\hat{\rho}$ F508 (F508del) mutation of the cystic fibrosis gene by surface plasmon resonance and biosensor technology. , 1999, 13, 390-400.		34
52	Bergamot ( <i>Citrus bergamia</i> Risso) fruit extracts and identified components alter expression of interleukin 8 gene in cystic fibrosis bronchial epithelial cell lines. <i>BMC Biochemistry</i> , 2011, 12, 15.	4.4	34
53	Trimethylangelicin reduces IL-8 transcription and potentiates CFTR function. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011, 300, L380-L390.	1.3	34
54	Targeting Transcription Factor Activity as a Strategy to Inhibit Pro- Inflammatory Genes Involved in Cystic Fibrosis: Decoy Oligonucleotides and Low-Molecular Weight Compounds. <i>Current Medicinal Chemistry</i> , 2010, 17, 4392-4404.	1.2	32

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55	Regulation of IL-8 gene expression in gliomas by microRNA miR-93. <i>BMC Cancer</i> , 2015, 15, 661.	1.1	31
56	Production of $\hat{2}$ globin and adult hemoglobin following G418 treatment of erythroid precursor cells from homozygous $\hat{2}^0$ thalassemia patients. <i>American Journal of Hematology</i> , 2009, 84, 720-728.	2.0	30
57	Targeting of the Sp1 binding sites of HIV-1 long terminal repeat with chromomycin. <i>Biochemical Pharmacology</i> , 1996, 52, 1489-1498.	2.0	29
58	MicroRNAs Modulate the Purinergic Signaling Network. <i>Trends in Molecular Medicine</i> , 2016, 22, 905-918.	3.5	29
59	Bangladeshi Medicinal Plant Extracts Inhibiting Molecular Interactions between Nuclear Factors and Target DNA Sequences Mimicking NF- $\kappa$ B Binding Sites. <i>Medicinal Chemistry</i> , 2005, 1, 327-333.	0.7	29
60	Bergamot (Citrus bergamia Risso) Fruit Extracts as $\hat{3}$ -Globin Gene Expression Inducers: Phytochemical and Functional Perspectives. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 4103-4111.	2.4	28
61	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. <i>PLoS ONE</i> , 2015, 10, e0121567.	1.1	28
62	Design, synthesis and biological activity of a pyrrolo [2,1-c][1,4]benzodiazepine (PBD)-distamycin hybrid. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998, 8, 3019-3024.	1.0	27
63	Aromatic Polyamidines Inhibiting the Tat-Induced HIV-1 Transcription Recognize Structured TAR-RNA. <i>Oligonucleotides</i> , 2001, 11, 209-217.	4.4	26
64	Increase in $\hat{3}$ -globin mRNA content in human erythroid cells treated with angelicin analogs. <i>International Journal of Hematology</i> , 2009, 90, 318-327.	0.7	26
65	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. <i>Pharmacological Research</i> , 2015, 91, 57-68.	3.1	26
66	Structure and Biological Activity of Furocoumarins. , 2007, , 265-276.		25
67	Modulation of expression of IL-8 gene in bronchial epithelial cells by 5-methoxypsoralen. <i>International Immunopharmacology</i> , 2009, 9, 1411-1422.	1.7	25
68	A validated cellular biobank for $\hat{2}$ -thalassemia. <i>Journal of Translational Medicine</i> , 2016, 14, 255.	1.8	25
69	Targeting of the HIV-1 long terminal repeat with chromomycin potentiates the inhibitory effects of a triplex-forming oligonucleotide on Sp1-DNA interactions and in vitro transcription. <i>Biochemical Journal</i> , 1997, 326, 919-927.	1.7	24
70	Synthesis and growth inhibition activity of $\hat{1}$ -Bromoacrylic heterocyclic and benzoheterocyclic derivatives of distamycin A modified on the amidino moiety. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 965-975.	1.4	24
71	Resistance of Decoy PNA-DNA Chimeras to Enzymatic Degradation in Cellular Extracts and Serum. <i>Oncology Research</i> , 2003, 13, 279-287.	0.6	23
72	Arginine transport in human erythroid cells: discrimination of CAT1 and 4F2hc/y+LAT2 roles. <i>Pflugers Archiv European Journal of Physiology</i> , 2009, 458, 1163-1173.	1.3	23

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73	Polymerase-chain reaction: analysis of DNA/DNA hybridization by capillary electrophoresis. <i>Nucleic Acids Research</i> , 1993, 21, 3595-3596.	6.5	21
74	A combined approach for $\beta^2$ -thalassemia based on gene therapy-mediated adult hemoglobin (HbA) production and fetal hemoglobin (HbF) induction. <i>Annals of Hematology</i> , 2012, 91, 1201-1213.	0.8	21
75	Peptide Nucleic Acids (PNA)-DNA Chimeras Targeting Transcription Factors as a Tool to Modify Gene Expression. <i>Current Drug Targets</i> , 2004, 5, 735-744.	1.0	21
76	Targeting pre-miRNA by Peptide Nucleic Acids. <i>Artificial DNA, PNA &amp; XNA</i> , 2012, 3, 88-96.	1.4	20
77	Spotlight on the transglutaminase 2 gene: a focus on genomic and transcriptional aspects. <i>Biochemical Journal</i> , 2018, 475, 1643-1667.	1.7	20
78	Identification of pyrogallol as an antiproliferative compound present in extracts from the medicinal plant <i>Emblca officinalis</i> : effects on in vitro cell growth of human tumor cell lines. <i>International Journal of Oncology</i> , 2002, 21, 187-92.	1.4	20
79	Polymerase-chain reaction as a tool for investigations on sequence-selectivity of DNA-drugs interactions. <i>Journal of Proteomics</i> , 1994, 29, 307-319.	2.4	18
80	Alteration of the expression of human estrogen receptor gene by distamycin. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1995, 54, 211-215.	1.2	18
81	Induction of gamma-globin gene expression by tallimustine analogs in human erythroid cells. <i>Haematologica</i> , 2003, 88, 826-7.	1.7	18
82	Differentiation and Apoptosis in UVA-irradiated Cells Treated with Furocoumarin Derivatives. <i>Annals of the New York Academy of Sciences</i> , 2009, 1171, 334-344.	1.8	17
83	$\beta^3$ -Hydroxymethyl PNAs: Synthesis, interaction with DNA and inhibition of protein/DNA interactions. <i>Bioorganic Chemistry</i> , 2010, 38, 196-201.	2.0	17
84	Structural and Functional Insights on an Uncharacterized $\beta^3$ -Globin-Gene Polymorphism Present in Four $\beta^0$ -Thalassemia Families with High Fetal Hemoglobin Levels. <i>Molecular Diagnosis and Therapy</i> , 2016, 20, 161-173.	1.6	17
85	Effects on erythroid differentiation of platinum(II) complexes of synthetic bile acid derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 5204-5210.	1.4	16
86	Alternate PNA-DNA chimeras (PNA-DNA): Synthesis, binding properties and biological activity. <i>Biopolymers</i> , 2007, 88, 815-822.	1.2	16
87	The biocompatibility of materials used in printed circuit board technologies with respect to primary neuronal and K562 cells. <i>Biomaterials</i> , 2010, 31, 1045-1054.	5.7	16
88	An $\beta^3$ -globin G->A gene polymorphism associated with $\beta^{2039}$ thalassemia globin gene and high fetal hemoglobin production. <i>BMC Medical Genetics</i> , 2017, 18, 93.	2.1	16
89	Binding of distamycin and chromomycin to human immunodeficiency type 1 virus DNA: a non-radioactive automated footprinting study. <i>European Journal of Pharmacology</i> , 1995, 290, 85-93.	2.7	15
90	Computational Procedures to Explain the Different Biological Activity of DNA/DNA, DNA/PNA and PNA/PNA Hybrid Molecules Mimicking NF- $\kappa$ B Binding Sites. <i>Journal of Biomolecular Structure and Dynamics</i> , 2000, 18, 353-362.	2.0	15

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91	Development of K562 cell clones expressing $\beta$ -globin mRNA carrying the $\beta^0$ thalassaemia mutation for the screening of correctors of stop codon mutations. <i>Biotechnology and Applied Biochemistry</i> , 2009, 54, 41-52.	1.4	15
92	Cytokine-Induced Killer Cells Express CD39, CD38, CD203a, CD73 Ectoenzymes and P1 Adenosinergic Receptors. <i>Frontiers in Pharmacology</i> , 2018, 9, 196.	1.6	15
93	Decoy Molecules Based on PNA-DNA Chimeras and Targeting Sp1 Transcription Factors Inhibit the Activity of Urokinase-Type Plasminogen Activator Receptor (uPAR) Promoter. <i>Oncology Research</i> , 2005, 15, 373-383.	0.6	15
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. <i>Biochemical Pharmacology</i> , 2004, 67, 401-410.	2.0	14
95	Virtual Screening against p50 NF- $\kappa$ B Transcription Factor for the Identification of Inhibitors of the NF- $\kappa$ B-DNA Interaction and Expression of NF- $\kappa$ B Upregulated Genes. <i>ChemMedChem</i> , 2009, 4, 2024-2033.	1.6	14
96	Effects of extracts from Bangladeshi medicinal plants on in vitro proliferation of human breast cancer cell lines and expression of estrogen receptor alpha gene. <i>International Journal of Oncology</i> , 2004, 24, 419-23.	1.4	14
97	Development and characterization of K562 cell clones expressing BCL11A-XL: Decreased hemoglobin production with fetal hemoglobin inducers and its rescue with mithramycin. <i>Experimental Hematology</i> , 2015, 43, 1062-1071.e3.	0.2	13
98	Capillary electrophoresis: detection of hybridization between synthetic oligonucleotides and HIV-1 genomic DNA amplified by polymerase-chain reaction. <i>Journal of Virological Methods</i> , 1994, 47, 321-329.	1.0	12
99	Synthesis of hybrid distamycin-cysteine labeled with $^{99m}\text{Tc}$ : a model for a novel class of cancer imaging agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000, 10, 1397-1400.	1.0	12
100	Benzoyl nitrogen mustard derivatives of benzoheterocyclic analogues of netropsin: Synthesis and biological activity. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 2381-2388.	1.4	12
101	Altered erythroid-related miRNA levels as a possible novel biomarker for detection of autologous blood transfusion misuse in sport. <i>Transfusion</i> , 2019, 59, 2709-2721.	0.8	11
102	Changes in hemoglobin profile reflect autologous blood transfusion misuse in sports. <i>Internal and Emergency Medicine</i> , 2018, 13, 517-526.	1.0	10
103	Detection of disease-causing mutations in prostate cancer by NGS sequencing. <i>Cell Biology International</i> , 2022, 46, 1047-1061.	1.4	10
104	Sequencing of an upstream region of the human HLA-DRA gene containing X' and Y' boxes. <i>Nucleic Acids Research</i> , 1995, 23, 1671-1678.	6.5	9
105	Induction of erythroid differentiation of human K562 cells by 3-O-acyl-1,2-O-isopropylidene-D-glucofuranose derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999, 9, 3153-3158.	1.0	9
106	Preparation and evaluation of the in vitro erythroid differentiation induction properties of some esters of methyl 3,4-O-isopropylidene- $\beta$ -D-galactopyranoside and 2,3-O-isopropylidene-D-mannofuranose. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 347-353.	1.4	9
107	Complexation to cationic microspheres of double-stranded peptide nucleic acid-DNA chimeras exhibiting decoy activity. <i>Journal of Biomedical Science</i> , 2004, 11, 697-704.	2.6	9
108	Plants with antitumor properties: from biologically active molecules to drugs. <i>Advances in Phytomedicine</i> , 2006, 2, 45-63.	0.1	9

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109	Furocoumarins photolysis products induce differentiation of human erythroid cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2008, 92, 24-28.	1.7	9
110	A Novel Frameshift Mutation (+A) at Codon 18 of the $\beta^2$ -Globin Gene Associated with High Persistence of Fetal Hemoglobin Phenotype and $\beta^2$ -Thalassemia. <i>Acta Haematologica</i> , 2008, 119, 28-37.	0.7	9
111	Analytic and Dynamic Secretory Profile of Patient-Derived Cytokine-Induced Killer Cells. <i>Molecular Medicine</i> , 2017, 23, 235-246.	1.9	9
112	Molecular Methods for Validation of the Biological Activity of Peptide Nucleic Acids Targeting MicroRNAs. <i>Methods in Molecular Biology</i> , 2014, 1095, 165-176.	0.4	9
113	The Motility and Mesenchymal Features of Breast Cancer Cells Correlate with the Levels and Intracellular Localization of Transglutaminase Type 2. <i>Cells</i> , 2021, 10, 3059.	1.8	8
114	In vitro and in vivo binding of a CC-1065 analogue to human gene sequences: a polymerase-chain reaction study. <i>European Journal of Pharmacology</i> , 1997, 319, 317-325.	1.7	7
115	A long non-coding RNA inside the type 2 transglutaminase gene tightly correlates with the expression of its transcriptional variants. <i>Amino Acids</i> , 2018, 50, 421-438.	1.2	7
116	Involvement of non-coding RNAs and transcription factors in the induction of Transglutaminase isoforms by ATRA. <i>Amino Acids</i> , 2019, 51, 1273-1288.	1.2	7
117	Changes in Adipose Tissue Distribution and Association between Uric Acid and Bone Health during Menopause Transition. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6321.	1.8	7
118	Inhibition of NF- $\kappa$ B/DNA Interactions and HIV-1 LTR Directed Transcription by Hybrid Molecules Containing Pyrrolo [2,1-c] [1,4] Benzodiazepine (PBD) and Oligopyrrole Carriers. <i>Drug Development Research</i> , 2003, 60, 173-185.	1.4	6
119	Erythroid Induction of Chronic Myelogenous Leukemia K562 Cells Following Treatment with a Photoproduct Derived from the UV $\alpha$ Irradiation of 5 $\alpha$ -Methoxypsoralen. <i>ChemMedChem</i> , 2010, 5, 1506-1512.	1.6	6
120	Erythroid differentiation ability of butyric acid analogues: Identification of basal chemical structures of new inducers of foetal haemoglobin. <i>European Journal of Pharmacology</i> , 2015, 752, 84-91.	1.7	6
121	The Human Ankyrin Insulator Supports Production of Therapeutic Levels of Adult Hemoglobin Following $\beta^2$ -Globin Gene Transfer in Hematopoietic Cells Derived From Thalassemic and Sickle Cell Patients. <i>Blood</i> , 2011, 118, 2055-2055.	0.6	6
122	Dysregulation of Transglutaminase type 2 through GATA3 defines aggressiveness and Doxorubicin sensitivity in breast cancer. <i>International Journal of Biological Sciences</i> , 2022, 18, 1-14.	2.6	6
123	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). <i>International Journal of Molecular Medicine</i> , 2008, , .	1.8	5
124	Synthesis of glycosyl carbamides and evaluation of the induction of erythroid differentiation of human erythroleukemic K562 cells. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 745-754.	2.6	5
125	Sex-specific transcriptional profiles identified in $\beta^2$ -thalassemia patients. <i>Haematologica</i> , 2021, 106, 1207-1211.	1.7	5
126	The Molecular Networks of microRNAs and Their Targets in the Drug Resistance of Colon Carcinoma. <i>Cancers</i> , 2021, 13, 4355.	1.7	5



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127	Inhibition of miRNA Maturation by Peptide Nucleic Acids. <i>Methods in Molecular Biology</i> , 2014, 1095, 157-164.	0.4	5
128	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. <i>Genes</i> , 2021, 12, 1978.	1.0	5
129	Modular usage of the HLA-DRA promoter in extra-hematopoietic and hematopoietic cell types of transgenic mice. <i>FEBS Journal</i> , 2005, 272, 3214-3226.	2.2	4
130	Preparation and biological evaluation of some 1,2-O-isopropylidene-d-hexofuranose esters. <i>Carbohydrate Research</i> , 2006, 341, 538-544.	1.1	4
131	Gene Modulation by Peptide Nucleic Acids (PNAs) Targeting microRNAs (miRs). , 0, , .		4
132	Following Beta-Globin Gene Transfer, the Production of Hemoglobin Depends Upon the Beta-Thalassemia Genotype.. <i>Blood</i> , 2009, 114, 978-978.	0.6	4
133	A chromatographic procedure for fully automated isolation of DNA from human whole blood. <i>Journal of Proteomics</i> , 1994, 28, 185-193.	2.4	3
134	Analysis of the human HLA-DRA gene upstream region: Evidence for a stem-loop array directed by nuclear factors. <i>Biochimie</i> , 1999, 81, 219-228.	1.3	3
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