Monica Borgatti

List of Publications by Year
in descending order

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Version: 2024-02-01

200	5,094	76196	143772
papers	citations	40 h-index	57 g-index

206	206	206	5646
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In vivo susceptibility to energy failure parkinsonism and LRRK2 kinase activity. Neurobiology of Disease, 2022, 162, 105579.	2.1	8
2	Possible effects of sirolimus treatment on the longâ€'term efficacy of COVIDâ€'19 vaccination in patients with Î²â€'thalassemia: A theoretical perspective. International Journal of Molecular Medicine, 2022, 49, .	1.8	5
3	Droplet Digital PCR for Non-Invasive Prenatal Detection of Fetal Single-Gene Point Mutations in Maternal Plasma. International Journal of Molecular Sciences, 2022, 23, 2819.	1.8	8
4	Nanoparticle-Enhanced Surface Plasmon Resonance Imaging Enables the Ultrasensitive Detection of Non-Amplified Cell-Free Fetal DNA for Non-Invasive Prenatal Testing. Analytical Chemistry, 2022, 94, 1118-1125.	3.2	8
5	Overview of CF lung pathophysiology. Current Opinion in Pharmacology, 2022, 64, 102214.	1.7	10
6	Expression of Î³-globin genes in Î²-thalassemia patients treated with sirolimus: results from a pilot clinical trial (Sirthalaclin). Therapeutic Advances in Hematology, 2022, 13, 204062072211006.	1.1	16
7	Treatment of human airway epithelial Calu-3Âcells with a peptide-nucleic acid (PNA) targeting the microRNA miR-101-3p is associated with increased expression of the cystic fibrosis Transmembrane Conductance Regulator () gene. European Journal of Medicinal Chemistry, 2021, 209, 112876.	2.6	18
8	Phenyl-substituted aminomethylene-bisphosphonates inhibit human P5C reductase and show antiproliferative activity against proline-hyperproducing tumour cells. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 1248-1257.	2.5	9
9	A Peptide-Nucleic Acid Targeting miR-335-5p Enhances Expression of Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Gene with the Possible Involvement of the CFTR Scaffolding Protein NHERF1. Biomedicines, 2021, 9, 117.	1.4	9
10	Inhibition by Thyroid Hormones of Cell Migration Activated by IGF-1 and MCP-1 in THP-1 Monocytes: Focus on Signal Transduction Events Proximal to Integrin Î±vÎ²3. Frontiers in Cell and Developmental Biology, 2021, 9, 651492.	1.8	3
11	Sulforaphane inhibits the expression of interleukin-6 and interleukin-8 induced in bronchial epithelial IB3-1 cells by exposure to the SARS-CoV-2 Spike protein. Phytomedicine, 2021, 87, 153583.	2.3	30
12	In vitro induction of interleukin-8 by SARS-CoV-2 Spike protein is inhibited in bronchial epithelial IB3-1 cells by a miR-93-5p agomiR. International Immunopharmacology, 2021, 101, 108201.	1.7	10
13	Evaluation of S-RBD and high specificity ACE-2-binding antibodies on SARS-CoV-2 patients after six months from infection. International Immunopharmacology, 2021, 99, 108013.	1.7	7
14	Treatment of Erythroid Precursor Cells from Î²-Thalassemia Patients with Cinchona Alkaloids: Induction of Fetal Hemoglobin Production. International Journal of Molecular Sciences, 2021, 22, 13433.	1.8	16
15	Role of Cystic Fibrosis Bronchial Epithelium in Neutrophil Chemotaxis. Frontiers in Immunology, 2020, 11, 1438.	2.2	25
16	Discovery of Novel Fetal Hemoglobin Inducers through Small Chemical Library Screening. International Journal of Molecular Sciences, 2020, 21, 7426.	1.8	1
17	mTOR and STAT3 Pathway Hyper-Activation is Associated with Elevated Interleukin-6 Levels in Patients with Shwachman-Diamond Syndrome: Further Evidence of Lymphoid Lineage Impairment. Cancers, 2020, 12, 597.	1.7	7
18	Screening Readthrough Compounds to Suppress Nonsense Mutations: Possible Application to Î²-Thalassemia. Journal of Clinical Medicine, 2020, 9, 289.	1.0	20

#	Article	IF	Citations
19	A Peptide Nucleic Acid (PNA) Masking the miR-145-5p Binding Site of the 3â€²UTR of the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) mRNA Enhances CFTR Expression in Calu-3 Cells. Molecules, 2020, 25, 1677.	1.7	18
20	Peptide Nucleic Acids for MicroRNA Targeting. Methods in Molecular Biology, 2020, 2105, 199-215.	0.4	7
21	Proâ€apoptotic activity of novel synthetic isoxazole derivatives exhibiting inhibitory activity against tumor cell growth in vitro. Oncology Letters, 2020, 20, 1-1.	0.8	10
22	Surface plasmon resonance based analysis of the binding of LYAR protein to the rs368698783 (G>A) polymorphic AÎ³-globin gene sequences mutated in Î²-thalassemia. Analytical and Bioanalytical Chemistry, 2019, 411, 7699-7707.	1.9	1
23	Detection of the sickle hemoglobin allele using a surface plasmon resonance based biosensor. Sensors and Actuators B: Chemical, 2019, 296, 126604.	4.0	16
24	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.	1.9	2
25	Targeting miRâ€155â€5p and miRâ€221â€3p by peptide nucleic acids induces caspaseâ€3 activation and apoptosis in temozolomideâ€resistant T98G glioma cells. International Journal of Oncology, 2019, 55, 59-68.	1.4	22
26	MicroRNAs and Long Non-coding RNAs in Genetic Diseases. Molecular Diagnosis and Therapy, 2019, 23, 155-171.	1.6	44
27	Non-invasive Prenatal Testing Using Fetal DNA. Molecular Diagnosis and Therapy, 2019, 23, 291-299.	1.6	62
28	Breakthroughs in Preclinical Development of Ataluren (PTC124) As Therapeutic Option for Patients Affected By Shwachman-Diamond Syndrome: Towards the First Clinical Trial. Blood, 2019, 134, 451-451.	0.6	1
29	A Signature of Differentially Expressed Micrornas in Lymphoblastoid Cells from Shwachman-Diamond Syndrome Patients Indicates Possible Molecular Targets for Mirna Therapeutics. Blood, 2019, 134, 2504-2504.	0.6	0
30	A novel and efficient protocol for Surface Plasmon Resonance based detection of four Î²-thalassemia point mutations in blood samples and salivary swabs. Sensors and Actuators B: Chemical, 2018, 260, 710-718.	4.0	12
31	Non-invasive fetal sex diagnosis in plasma of early weeks pregnants using droplet digital PCR. Molecular Medicine, 2018, 24, 14.	1.9	32
32	Corilagin Induces High Levels of Apoptosis in the Temozolomide-Resistant T98G Glioma Cell Line. Oncology Research, 2018, 26, 1307-1315.	0.6	18
33	A Peptide Nucleic Acid against MicroRNA miR-145-5p Enhances the Expression of the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) in Calu-3 Cells. Molecules, 2018, 23, 71.	1.7	43
34	UPF1 silenced cellular model systems for screening of read-through agents active on Î²039 thalassemia point mutation. BMC Biotechnology, 2018, 18, 28.	1.7	1
35	Liquid biopsy in mice bearing colorectal carcinoma xenografts: gateways regulating the levels of circulating tumor DNA (ctDNA) and miRNA (ctmiRNA). Journal of Experimental and Clinical Cancer Research, 2018, 37, 124.	3.5	25
36	An antisense peptide nucleic acid against Pseudomonas aeruginosa inhibiting bacterial-induced inflammatory responses in the cystic fibrosis IB3-1 cellular model system. International Journal of Biological Macromolecules, 2017, 99, 492-498.	3.6	19

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37	BCL11A mRNA Targeting by miR-210: A Possible Network Regulating Î³-Globin Gene Expression. International Journal of Molecular Sciences, 2017, 18, 2530.	1.8	36
38	Differential Effects of Angelicin Analogues on NF-Î²B Activity and IL-8 Gene Expression in Cystic Fibrosis IB3-1 Cells. Mediators of Inflammation, 2017, 2017, 1-11.	1.4	16
39	Postnatal and non-invasive prenatal detection of Î²-thalassemia mutations based on Taqman genotyping assays. PLoS ONE, 2017, 12, e0172756.	1.1	10
40	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
41	Natural Substances in the Treatment of Cystic Fibrosis. Clinical Immunology, Endocrine and Metabolic Drugs, 2017, 3, .	0.3	0
42	Ground state naÃ¯ve pluripotent stem cells and CRISPR/Cas9 gene correction for Î²-thalassemia. Stem Cell Investigation, 2016, 3, 66-66.	1.3	4
43	A validated cellular biobank for Î²-thalassemia. Journal of Translational Medicine, 2016, 14, 255.	1.8	25
44	MicroRNA miR-93-5p regulates expression of IL-8 and VEGF in neuroblastoma SK-N-AS cells. Oncology Reports, 2016, 35, 2866-2872.	1.2	41
45	Surface plasmon resonance analysis to detect the Î² + IVSI-110 thalassemia mutation in circulating cell-free fetal DNA. Clinica Chimica Acta, 2016, 462, 133-134.	0.5	3
46	Yâ€chromosome identification in circulating cellâ€free fetal DNA using surface plasmon resonance. Prenatal Diagnosis, 2016, 36, 353-361.	1.1	13
47	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.	0.5	2
48	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.	1.4	62
49	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.	1.6	17
50	Chemical-Induced Read-Through at Premature Termination Codons Determined by a Rapid Dual-Fluorescence System Based on S. cerevisiae. PLoS ONE, 2016, 11, e0154260.	1.1	9
51	Peptide nucleic acids targeting Î²-globin mRNAs selectively inhibit hemoglobin production in murine erythroleukemia cells. International Journal of Molecular Medicine, 2015, 35, 51-58.	1.8	3
52	Regulation of IL-8 gene expression in gliomas by microRNA miR-93. BMC Cancer, 2015, 15, 661.	1.1	31
53	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.	1.1	28
54	The Loss of Cellular Junctions in Epithelial Lung Cells Induced by Cigarette Smoke Is Attenuated by Corilagin. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-12.	1.9	17

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55	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.	0.9	2
56	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.	0.2	13
57	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.	3.1	26
58	Psoralen derivatives as inhibitors of NF- $$upkappa hbox {B/DNA}$$ Îº B/DNA interaction: the critical role of the furan ring. Molecular Diversity, 2015, 19, 551-561.	2.1	6
59	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.	1.7	6
60	Recent patents and technology transfer for molecular diagnosis of Î²-thalassemia and other hemoglobinopathies. Expert Opinion on Therapeutic Patents, 2015, 25, 1453-1476.	2.4	1
61	Antibacterial and anti-inflammatory activity of a temporin B peptide analogue on anin vitromodel of cystic fibrosis. Journal of Peptide Science, 2014, 20, 822-830.	0.8	27
62	Expression of Pro-inflammatory Interleukin-8 is Reduced by Ayurvedic Decoctions. Phytotherapy Research, 2014, 28, 1173-1181.	2.8	14
63	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.	1.4	82
64	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.	1.4	57
65	Tobramycin is a suppressor of premature termination codons. Journal of Cystic Fibrosis, 2013, 12, 806-811.	0.3	14
66	Effect of atrial natriuretic peptide on reactive oxygen species-induced by hydrogen peroxide in THP-1 monocytes: Role in cell growth, migration and cytokine release. Peptides, 2013, 50, 100-108.	1.2	6
67	Psoralen Derivatives as Inhibitors of NF-ÎºB/DNA Interaction: Synthesis, Molecular Modeling, 3D-QSAR, and Biological Evaluation. Journal of Medicinal Chemistry, 2013, 56, 1830-1842.	2.9	34
68	Programmable Interactions of Functionalized Single Bioparticles in a Dielectrophoresis-Based Microarray Chip. Analytical Chemistry, 2013, 85, 8219-8224.	3.2	37
69	Modulation of the Expression of the Proinflammatory IL-8 Gene in Cystic Fibrosis Cells by Extracts Deriving from Olive Mill Waste Water. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-11.	0.5	15
70	Lysis-on-Chip of Single Target Cells following Forced Interaction with CTLs or NK Cells on a Dielectrophoresis-Based Array. Journal of Immunology, 2013, 191, 3545-3552.	0.4	17
71	Antiproliferative and erythroid differentiation of piperazine and triphenyl derivatives against k-562 human chronic myelogenous leukemia. Anticancer Research, 2013, 33, 3027-32.	0.5	3
72	Structure-Based Analysis of the Molecular Recognitions Between HIV-1 TAR-RNA and Transcription Factor Nuclear Factor-kappaB (NFkB). Current Topics in Medicinal Chemistry, 2012, 12, 814-827.	1.0	12

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73	Dipeptide Inhibitors of Thermolysin and Angiotensin I-Converting Enzyme. Current Topics in Medicinal Chemistry, 2012, 12, 1748-1762.	1.0	3
74	Effects of decoy molecules targeting NF-kappaB transcription factors in Cystic fibrosis IB3â€“1 cells. Artificial DNA, PNA & XNA, 2012, 3, 97-104.	1.4	25
75	InÂvitroevaluation of the anti-proliferative activities of the wood essential oils of threeCedrusspecies against K562 human chronic myelogenous leukaemia cells. Natural Product Research, 2012, 26, 2227-2231.	1.0	25
76	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.	1.8	39
77	Peptide nucleic acids targeting miR-221 modulate p27Kip1 expression in breast cancer MDA-MB-231 cells. International Journal of Oncology, 2012, 41, 2119-2127.	1.4	67
78	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.	1.7	59
79	Antioxidant and antiproliferative activity of Laurus nobilis L. (Lauraceae) leaves and seeds essential oils against K562 human chronic myelogenous leukaemia cells. Natural Product Research, 2012, 26, 1741-1745.	1.0	41
80	Involvement of miRNA in erythroid differentiation. Epigenomics, 2012, 4, 51-65.	1.0	54
81	trans-Resveratrol in Nutraceuticals: Issues in Retail Quality and Effectiveness. Molecules, 2012, 17, 12393-12405.	1.7	49
82	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.	0.8	21
83	Dipeptide Inhibitors of Thermolysin and Angiotensin I-Converting Enzyme. Current Topics in Medicinal Chemistry, 2012, 12, 1748-1762.	1.0	7
84	Genetic Analyses in Health Laboratories: Current Status and Expectations. Soft and Biological Matter, 2012, , 3-24.	0.3	0
85	miRNA therapeutics: delivery and biological activity of peptide nucleic acids targeting miRNAs. Epigenomics, 2011, 3, 733-745.	1.0	39
86	Direct Detection of Point Mutations in Nonamplified Human Genomic DNA. Analytical Chemistry, 2011, 83, 8711-8717.	3.2	72
87	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.	2.6	38
88	C(5) modified uracil derivatives showing antiproliferative and erythroid differentiation inducing activities on human chronic myelogenous leukemia K562 cells. European Journal of Pharmacology, 2011, 672, 30-37.	1.7	8
89	Targeting microRNAs involved in human diseases: A novel approach for modification of gene expression and drug development. Biochemical Pharmacology, 2011, 82, 1416-1429.	2.0	100
90	Encapsulation of eukaryotic cells in alginate microparticles: cell signaling by TNF-alpha through capsular structure of cystic fibrosis cells. Journal of Cell Communication and Signaling, 2011, 5, 157-165.	1.8	26

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91	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
92	Modulation of the Biological Activity of microRNAâ€210 with Peptide Nucleic Acids (PNAs). ChemMedChem, 2011, 6, 2192-2202.	1.6	72
93	Mapping the Transcriptional Machinery of the IL-8 Gene in Human Bronchial Epithelial Cells. Journal of Immunology, 2011, 187, 6069-6081.	0.4	84
94	Trimethylangelicin reduces IL-8 transcription and potentiates CFTR function. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 300, L380-L390.	1.3	34
95	Daedalea gibbosa substances inhibit LPS-induced expression of iNOS by suppression of NF-ÎºB and MAPK activities in RAW 264.7 macrophage cells. International Journal of Molecular Medicine, 2010, 25, 421-32.	1.8	24
96	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.	1.4	37
97	NF-ÎºB activation is required for apoptosis in fibrocystin/polyductin-depleted kidney epithelial cells. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 94-104.	2.2	14
98	Effects of biomaterials for Lab-on-a-chip production on cell growth and expression of differentiated functions of leukemic cell lines. Journal of Materials Science: Materials in Medicine, 2010, 21, 2653-2664.	1.7	3
99	Decoy oligodeoxyribonucleotides and peptide nucleic acidsâ€“DNA chimeras targeting nuclear factor kappa-B: Inhibition of IL-8 gene expression in cystic fibrosis cells infected with Pseudomonas aeruginosa. Biochemical Pharmacology, 2010, 80, 1887-1894.	2.0	41
100	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.	1.6	6
101	Î³-Hydroxymethyl PNAs: Synthesis, interaction with DNA and inhibition of protein/DNA interactions. Bioorganic Chemistry, 2010, 38, 196-201.	2.0	17
102	The biocompatibility of materials used in printed circuit board technologies with respect to primary neuronal and K562 cells. Biomaterials, 2010, 31, 1045-1054.	5.7	16
103	Induction by TNF-Î±of IL-6 and IL-8 in Cystic Fibrosis Bronchial IB3-1 Epithelial Cells Encapsulated in Alginate Microbeads. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-11.	3.0	13
104	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.	1.2	32
105	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.	0.5	59
106	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.	2.0	30
107	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.	1.6	14
108	Increase in Î³-globin mRNA content in human erythroid cells treated with angelicin analogs. International Journal of Hematology, 2009, 90, 318-327.	0.7	26

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109	Differentiation and Apoptosis in UVAâ€irradiated Cells Treated with Furocoumarin Derivatives. Annals of the New York Academy of Sciences, 2009, 1171, 334-344.	1.8	17
110	Apoptosis of Human Primary Osteoclasts Treated with Molecules Targeting Nuclear Factorâ€ºB. Annals of the New York Academy of Sciences, 2009, 1171, 448-456.	1.8	26
111	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.	1.4	15
112	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.	2.4	28
113	Structural characterization of promoter sequences of the gene coding human PKI55 protein, a protein kinase C inhibitor. Biochimie, 2009, 91, 466-474.	1.3	2
114	Modulation of expression of IL-8 gene in bronchial epithelial cells by 5-methoxypsoralen. International Immunopharmacology, 2009, 9, 1411-1422.	1.7	25
115	New Uracil Dimers Showing Erythroid Differentiation Inducing Activities. Journal of Medicinal Chemistry, 2009, 52, 87-94.	2.9	10
116	Production of sHLA-G molecules by in vitro matured cumulus-oocyte complex. International Journal of Molecular Medicine, 2009, 24, 523-30.	1.8	18
117	Expression of miR-210 during erythroid differentiation and induction of Î³-globin gene expression. BMB Reports, 2009, 42, 493-499.	1.1	82
118	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, 2009, 23, 105-11.	1.8	2
119	Docking of molecules identified in bioactive medicinal plants extracts into the p50 NF-kappaB transcription factor: correlation with inhibition of NF-kappaB/DNA interactions and inhibitory effects on IL-8 gene expression. BMC Structural Biology, 2008, 8, 38.	2.3	48
120	Levitation and movement of tripalmitinâ€based cationic lipospheres on a dielectrophoresisâ€based labâ€onâ€aâ€chip device. Journal of Applied Polymer Science, 2008, 109, 3484-3491.	1.3	8
121	Furocoumarins photolysis products induce differentiation of human erythroid cells. Journal of Photochemistry and Photobiology B: Biology, 2008, 92, 24-28.	1.7	9
122	Induction of apoptosis of human primary osteoclasts treated with extracts from the medicinal plant Emblica officinalis. BMC Complementary and Alternative Medicine, 2008, 8, 59.	3.7	47
123	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.	2.0	39
124	Anti-inflammatory effect of miglustat in bronchial epithelial cells. Journal of Cystic Fibrosis, 2008, 7, 555-565.	0.3	45
125	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.	1.7	87
126	A Novel Frameshift Mutation (+A) at Codon 18 of the Î²-Globin Gene Associated with High Persistence of Fetal Hemoglobin Phenotype and Î²Î²-Thalassemia. Acta Haematologica, 2008, 119, 28-37.	0.7	9

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127	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, , .	1.8	5
128	Transcription Factor Oligodeoxynucleotides to NF-Î²B Inhibit Transcription of IL-8 in Bronchial Cells. American Journal of Respiratory Cell and Molecular Biology, 2008, 39, 86-96.	1.4	49
129	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.	0.5	40
130	Release of sICAM-1 in Oocytes and In Vitro Fertilized Human Embryos. PLoS ONE, 2008, 3, e3970.	1.1	15
131	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.	1.8	37
132	MPB-07 Reduces the Inflammatory Response toPseudomonas aeruginosain Cystic Fibrosis Bronchial Cells. American Journal of Respiratory Cell and Molecular Biology, 2007, 36, 615-624.	1.4	39
133	Everolimus Is a Potent Inducer of Erythroid Differentiation and Î³-Globin Gene Expression in Human Erythroid Cells. Acta Haematologica, 2007, 117, 168-176.	0.7	41
134	Induction of IL-6 gene expression in a CF bronchial epithelial cell line by Pseudomonas aeruginosa is dependent on transcription factors belonging to the Sp1 superfamily. Biochemical and Biophysical Research Communications, 2007, 357, 977-983.	1.0	36
135	Alternate PNAâ€ÐDNA chimeras (PNAâ€ÐDNA)_n: Synthesis, binding properties and biological activity. Biopolymers, 2007, 88, 815-822.	1.2	16
136	Antiproliferative activity of Pt(II) and Pd(II) phosphine complexes with thymine and thymidine. Journal of Inorganic Biochemistry, 2007, 101, 254-260.	1.5	33
137	Applications of Dielectrophoresis-based Lab-on-a-chip Devices in Pharmaceutical Sciences and Biomedicine. Integrated Circuits and Systems, 2007, , 145-178.	0.2	3
138	â€œLab-on-a-Chipâ€•Devices for Cellular Arrays Based on Dielectrophoresis. , 2007, , 231-243.		4
139	Plants with antitumor properties: from biologically active molecules to drugs. Advances in Phytomedicine, 2006, 2, 45-63.	0.1	9
140	Synthesis and Biological Evaluation of 2-Amino-3-(3â€˜,4â€˜,5â€˜-trimethoxybenzoyl)-5-aryl Thiophenes as a New Class of Potent Antitubulin Agents. Journal of Medicinal Chemistry, 2006, 49, 3906-3915.	2.9	61
141	Induction of Apoptosis of Osteoclasts by Targeting Transcription Factors with Decoy Molecules. Annals of the New York Academy of Sciences, 2006, 1091, 509-516.	1.8	14
142	Effects of rapamycin on accumulation of ?-, ?- and ?-globin mRNAs in erythroid precursor cells from ?-thalassaemia patients. European Journal of Haematology, 2006, 77, 437-441.	1.1	83
143	Modulation of iNOS expression by a nitric oxide-releasing derivative of the natural antioxidant ferulic acid in activated RAW 264.7 macrophages. European Journal of Pharmacology, 2006, 532, 162-169.	1.7	48
144	Effects of medicinal plant extracts on molecular interactions between DNA and transcription factors. Advances in Phytomedicine, 2006, 2, 35-43.	0.1	2

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145	Synthesis and biological activity of alpha-bromoacryloyl lexitropsin conjugates. European Journal of Medicinal Chemistry, 2005, 40, 1123-1128.	2.6	5
146	Separation of white blood cells from erythrocytes on a dielectrophoresis (DEP) based â€˜Lab-on-a-chipâ€™ device. International Journal of Molecular Medicine, 2005, 15, 913.	1.8	13
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