Roberto Gambari

List of Publications by Year
in descending order

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552	14,337	25034	56724
papers	citations	57 h-index	83 g-index

566	566	566	16940
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Extracts and molecules from medicinal plants against herpes simplex viruses. Antiviral Research, 2005, 67, 107-119.	4.1	247
3	Phytochemical Analysis and in vitro Antiviral Activities of the Essential Oils of Seven Lebanon Species. Chemistry and Biodiversity, 2008, 5, 461-470.	2.1	216
4	Oxidative stress and antioxidant therapy in cystic fibrosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 690-713.	3.8	186
5	Targeting oncomiRNAs and mimicking tumor suppressor miRNAs: New trends in the development of miRNA therapeutic strategies in oncology (Review). International Journal of Oncology, 2016, 49, 5-32.	3.3	184
6	Synthesis and anti-cancer activity of benzothiazole containing phthalimide on human carcinoma cell lines. Bioorganic and Medicinal Chemistry, 2008, 16, 3626-3631.	3.0	180
7	Comparative effects between electronic and cigarette smoke in human keratinocytes and epithelial lung cells. Toxicology in Vitro, 2014, 28, 999-1005.	2.4	179
8	Advanced progress of microencapsulation technologies: In vivo and in vitro models for studying oral and transdermal drug deliveries. Journal of Controlled Release, 2014, 178, 25-45.	9.9	151
9	Mithramycin induces fetal hemoglobin production in normal and thalassemic human erythroid precursor cells. Blood, 2003, 102, 1276-1281.	1.4	123
10	Combined Delivery of Temozolomide and Anti-miR221 PNA Using Mesoporous Silica Nanoparticles Induces Apoptosis in Resistant Glioma Cells. Small, 2015, 11, 5687-5695.	10.0	121
11	Recent advances in green nanoparticulate systems for drug delivery: efficient delivery and safety concern. Nanomedicine, 2017, 12, 357-385.	3.3	119
12	Antimicrobial and antitumor activity of n-heteroimmine-1,2,3-dithiazoles and their transformation in triazolo-, imidazo-, and pyrazolopirimidines. Bioorganic and Medicinal Chemistry, 2002, 10, 449-456.	3.0	117
13	From microRNA functions to microRNA therapeutics: Novel targets and novel drugs in breast cancer research and treatment. International Journal of Oncology, 2013, 43, 985-994.	3.3	114
14	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
15	Effect of cationic liposome composition on in vitro cytotoxicity and protective effect on carried DNA. International Journal of Pharmaceutics, 1996, 139, 69-78.	5.2	108
16	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
17	Medicinal Chemistry of Fetal Hemoglobin Inducers for Treatment of β-Thalassemia. Current Medicinal Chemistry, 2007, 14, 199-212.	2.4	103
18	Regulation of expression of O6-methylguanine-DNA methyltransferase and the treatment of glioblastoma (Review). International Journal of Oncology, 2015, 47, 417-428.	3.3	103

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19	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
20	Levitation and movement of human tumor cells using a printed circuit board device based on software-controlled dielectrophoresis. Biotechnology and Bioengineering, 2003, 82, 474-479.	3.3	91
21	Induction of erythroid differentiation of human K562 cells by cisplatin analogs. Biochemical Pharmacology, 2000, 60, 31-40.	4.4	89
22	Molecular Cloning, Expression, Functional Characterization, Chromosomal Localization, and Gene Structure of Junctate, a Novel Integral Calcium Binding Protein of Sarco(endo)plasmic Reticulum Membrane. Journal of Biological Chemistry, 2000, 275, 39555-39568.	3.4	87
23	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
24	Mapping the Transcriptional Machinery of the IL-8 Gene in Human Bronchial Epithelial Cells. Journal of Immunology, 2011, 187, 6069-6081.	0.8	84
25	The role of reactive oxygen species in the biological activity of antimicrobial agents: An updated mini review. Chemico-Biological Interactions, 2020, 320, 109023.	4.0	84
26	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
27	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
28	Expression of miR-210 during erythroid differentiation and induction of Î³-globin gene expression. BMB Reports, 2009, 42, 493-499.	2.4	82
29	Accumulation of Î³â€globin mRNA in human erythroid cells treated with angelicin. European Journal of Haematology, 2003, 71, 189-198.	2.2	80
30	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
31	Pyrazolo-triazoles as light activable dna cleaving agents. Bioorganic and Medicinal Chemistry, 2000, 8, 2343-2346.	3.0	76
32	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
33	Recent trends in the gene therapy of β-thalassemia. Journal of Blood Medicine, 2015, 6, 69.	1.7	76
34	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
35	Direct Detection of Point Mutations in Nonamplified Human Genomic DNA. Analytical Chemistry, 2011, 83, 8711-8717.	6.5	72
36	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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37	T Cell Hierarchy in the Pathogenesis of Psoriasis and Associated Cardiovascular Comorbidities. Frontiers in Immunology, 2018, 9, 1390.	4.8	70
38	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
39	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
40	Antitumor activity of diethynylfluorene derivatives of gold(I). Bioorganic and Medicinal Chemistry, 2009, 17, 7872-7877.	3.0	65
41	Purinergic signaling in scarring. FASEB Journal, 2016, 30, 3-12.	0.5	65
42	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
43	Purinergic Signaling During Immune Cell Trafficking. Trends in Immunology, 2016, 37, 399-411.	6.8	64
44	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
45	Human leukemia K-562 cells: induction of erythroid differentiation by 5-azacytidine. Cell Differentiation, 1984, 14, 87-97.	0.4	62
46	Analysis of upstream sequences of the human estrogen receptor gene. Biochemical and Biophysical Research Communications, 1992, 183, 996-1002.	2.1	62
47	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
48	Murine erythroleukemia cell differentiation: relationship of globin gene expression and of prolongation of G1 to inducer effects during G1/early S.. Proceedings of the National Academy of Sciences of the United States of America, 1979, 76, 4511-4515.	7.1	61
49	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.	6.4	61
50	Development of formaldehyde-free agar/gelatin microcapsules containing berberine HCl and gallic acid and their topical and oral applications. Soft Matter, 2012, 8, 5027.	2.7	61
51	Development of ruthenium(ii) complexes as topical antibiotics against methicillin resistant Staphylococcus aureus. Dalton Transactions, 2014, 43, 3949.	3.3	61
52	Moringa oleifera Leaf Extracts as Multifunctional Ingredients for â€œNatural and Organicâ€•Sunscreens and Photoprotective Preparations. Molecules, 2018, 23, 664.	3.8	61
53	Tumor promoter-mediated inhibition of cell differentiation: suppression of the expression of erythroid functions in murine erythroleukemia cells.. Proceedings of the National Academy of Sciences of the United States of America, 1979, 76, 1906-1910.	7.1	60
54	Peptide-Nucleic Acids (PNAs): a Tool for the Development of Gene Expression Modifiers. Current Pharmaceutical Design, 2001, 7, 1839-62.	1.9	60

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55	Enhanced recognition of cystic fibrosis W1282X DNA point mutation by chiral peptide nucleic acid probes by a surface plasmon resonance biosensor. Journal of Molecular Recognition, 2004, 17, 76-84.	2.1	59
56	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
57	Phyllanthus urinaria extract attenuates acetaminophen induced hepatotoxicity: Involvement of cytochrome P450 CYP2E1. Phytomedicine, 2009, 16, 751-760.	5.3	59
58	Encapsulation of Mesenchymal Stem Cells from Wharton's Jelly in Alginate Microbeads. Tissue Engineering - Part C: Methods, 2010, 16, 141-155.	2.1	59
59	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
60	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
61	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
62	Liposomes as carriers for DNAâ€“PNA hybrids. Journal of Controlled Release, 2000, 68, 237-249.	9.9	56
63	Rapamycinâ€mediated induction of Î³â€globin mRNA accumulation in human erythroid cells. British Journal of Haematology, 2004, 126, 612-621.	2.5	56
64	Cellular Uptakes, Biostabilities and Antiâ€miRâ€210 Activities of Chiral Argininâ€PNAs in Leukaemic K562 Cells. ChemBioChem, 2012, 13, 1327-1337.	2.6	56
65	Synthesis of new allyl palladium complexes bearing purine-based NHC ligands with antiproliferative and proapoptotic activities on human ovarian cancer cell lines. Dalton Transactions, 2018, 47, 13616-13630.	3.3	56
66	Phytochemical analysis and in vitro evaluation of the biological activity against herpes simplex virus type 1 (HSV-1) of Cedrus libani A. Rich.. Phytomedicine, 2008, 15, 79-83.	5.3	55
67	Cytokines profile and peripheral blood mononuclear cells morphology in Rett and autistic patients. Cytokine, 2016, 77, 180-188.	3.2	55
68	Cationic liposomes as delivery systems for double-stranded PNAâ€“DNA chimeras exhibiting decoy activity against NF-Î°B transcription factors. Biochemical Pharmacology, 2002, 64, 609-616.	4.4	54
69	Involvement of miRNA in erythroid differentiation. Epigenomics, 2012, 4, 51-65.	2.1	54
70	Peptide nucleic acids: a review on recent patents and technology transfer. Expert Opinion on Therapeutic Patents, 2014, 24, 267-294.	5.0	54
71	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
72	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

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73	Hybrid Î±-bromoacryloylamido chalcones. Design, synthesis and biological evaluation. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 2022-2028.	2.2	50
74	Transcription Factor Oligodeoxynucleotides to NF-ÎºB Inhibit Transcription of IL-8 in Bronchial Cells. American Journal of Respiratory Cell and Molecular Biology, 2008, 39, 86-96.	2.9	49
75	In vivo anti-tumour activity of corilagin on Hep3B hepatocellular carcinoma. Phytomedicine, 2010, 18, 11-15.	5.3	49
76	trans-Resveratrol in Nutraceuticals: Issues in Retail Quality and Effectiveness. Molecules, 2012, 17, 12393-12405.	3.8	49
77	Decoy oligodeoxynucleotides targeting NF-kappaB transcription factors: induction of apoptosis in human primary osteoclasts. Biochemical Pharmacology, 2003, 66, 1189-1198.	4.4	48
78	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.	3.5	48
79	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
80	Increased frequency of activated CD8+ T cell effectors in patients with psoriatic arthritis. Scientific Reports, 2019, 9, 10870.	3.3	48
81	A molecular signature associated with prolonged survival in glioblastoma patients treated with regorafenib. Neuro-Oncology, 2021, 23, 264-276.	1.2	48
82	Synthesis and Antitumor Activity of New Benzoheterocyclic Derivatives of Distamycin A. Journal of Medicinal Chemistry, 2000, 43, 2675-2684.	6.4	47
83	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
84	Correlation between Slug transcription factor and miR-221 in MDA-MB-231 breast cancer cells. BMC Cancer, 2012, 12, 445.	2.6	47
85	Isothermal circular-strand-displacement polymerization of DNA and microRNA in digital microfluidic devices. Analytical and Bioanalytical Chemistry, 2015, 407, 1533-1543.	3.7	47
86	Trimethylangelicin promotes the functional rescue of mutant F508del CFTR protein in cystic fibrosis airway cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 307, L48-L61.	2.9	46
87	Efficient cell penetration and delivery of peptide nucleic acids by an argininocalix[4]arene. Scientific Reports, 2019, 9, 3036.	3.3	46
88	Human leukemia K562 cells: induction to erythroid differentiation by guanine, guanosine and guanine nucleotides. Haematologica, 1997, 82, 395-401.	3.5	46
89	Applications to Cancer Research of â€œLab-on-a-chipâ€•Devices Based on Dielectrophoresis (DEP). Technology in Cancer Research and Treatment, 2003, 2, 31-39.	1.9	45
90	Anti-inflammatory effect of miglustat in bronchial epithelial cells. Journal of Cystic Fibrosis, 2008, 7, 555-565.	0.7	45

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91	Preparation and characterization of bio-safe activated charcoal derived from coffee waste residue and its application for removal of lead and copper ions. RSC Advances, 2014, 4, 38839.	3.6	45
92	Phytochemical and pharmacological properties of essential oils from Cedrus species. Natural Product Research, 2018, 32, 1415-1427.	1.8	44
93	MicroRNAs and Long Non-coding RNAs in Genetic Diseases. Molecular Diagnosis and Therapy, 2019, 23, 155-171.	3.8	44
94	Modulators of Sphingolipid Metabolism Reduce Lung Inflammation. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 825-833.	2.9	43
95	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.	3.8	43
96	Phytochemical Analysis and Cytotoxicity Towards Multidrug-Resistant Leukemia Cells of Essential Oils Derived from Lebanese Medicinal Plants. Planta Medica, 2012, 78, 1927-1931.	1.3	42
97	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
98	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.	4.4	41
99	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.	1.8	41
100	Recent trends for novel options in experimental biological therapy of Î²-thalassemia. Expert Opinion on Biological Therapy, 2014, 14, 1443-1454.	3.1	41
101	Evaluation of berberine/bovine serum albumin nanoparticles for liver fibrosis therapy. Green Chemistry, 2015, 17, 1640-1646.	9.0	41
102	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
103	Recent advances on topical antimicrobials for skin and soft tissue infections and their safety concerns. Critical Reviews in Microbiology, 2018, 44, 40-78.	6.1	41
104	Liquid biopsy and PCR-free ultrasensitive detection systems in oncology (Review). International Journal of Oncology, 2018, 53, 1395-1434.	3.3	41
105	Molecular interactions with nuclear factor ÎºB (NF-ÎºB) transcription factors of a PNA-DNA chimera mimicking NF-ÎºB binding sites. FEBS Journal, 2001, 268, 6066-6075.	0.2	40
106	Synthesis and biological evaluation of 2-(3â€²,4â€²,5â€²-trimethoxybenzoyl)-3-N,N-dimethylamino benzo[b]furan derivatives as inhibitors of tubulin polymerization. Bioorganic and Medicinal Chemistry, 2008, 16, 8419-8426.	3.0	40
107	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
108	Synthesis of globin mRNA in relation to the cell cycle during induced murine erythroleukemia differentiation.. Proceedings of the National Academy of Sciences of the United States of America, 1978, 75, 3801-3804.	7.1	39

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109	Antiproliferative activity of essential oils derived from plants belonging to the Magnoliophyta division. International Journal of Oncology, 2006, 29, 989.	3.3	39
110	MPB-07 Reduces the Inflammatory Response toPseudomonas aeruginosain Cystic Fibrosis Bronchial Cells. American Journal of Respiratory Cell and Molecular Biology, 2007, 36, 615-624.	2.9	39
111	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
112	miRNA therapeutics: delivery and biological activity of peptide nucleic acids targeting miRNAs. Epigenomics, 2011, 3, 733-745.	2.1	39
113	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
114	Preparation of 8-hydroxyquinoline derivatives as potential antibiotics against Staphylococcus aureus. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 367-370.	2.2	39
115	DNA-binding activity and biological effects of aromatic polyamidines. Biochemical Pharmacology, 1994, 47, 599-610.	4.4	38
116	UCbase & miRfunc: a database of ultraconserved sequences and microRNA function. Nucleic Acids Research, 2009, 37, D41-D48.	14.5	38
117	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
118	Immunomodulatory and Anti-inflammatory Activity in Vitro and in Vivo of a Novel Antimicrobial Candidate. Journal of Biological Chemistry, 2016, 291, 25742-25748.	3.4	38
119	Biosensor technology for real-time detection of the cystic fibrosis W1282X mutation in CFTR. Human Mutation, 2001, 18, 70-81.	2.5	37
120	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
121	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
122	SLUG: a new target of lymphoid enhancer factor-1 in human osteoblasts. BMC Molecular Biology, 2010, 11, 13.	3.0	37
123	Programmable Interactions of Functionalized Single Bioparticles in a Dielectrophoresis-Based Microarray Chip. Analytical Chemistry, 2013, 85, 8219-8224.	6.5	37
124	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
125	Design, Synthesis, and Biological Evaluation of Hybrid Molecules Containing Î±-Methylene-Î³-Butyrolactones and Î±-Bromoacryloyl Moieties. Journal of Medicinal Chemistry, 2005, 48, 7906-7910.	6.4	36
126	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.	2.1	36

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127	Slug gene expression supports human osteoblast maturation. Cellular and Molecular Life Sciences, 2009, 66, 3641-3653.	5.4	36
128	The preparation and in vitro antiproliferative activity of phthalimide based ketones on MDAMB-231 and SKHep-1 human carcinoma cell lines. European Journal of Medicinal Chemistry, 2009, 44, 2736-2740.	5.5	36
129	Pro-Chondrogenic Effect of miR-221 and Slug Depletion in Human MSCs. Stem Cell Reviews and Reports, 2014, 10, 841-855.	5.6	36
130	Design, synthesis and biological activity of a novel Rutin analogue with improved lipid soluble properties. Bioorganic and Medicinal Chemistry, 2015, 23, 264-271.	3.0	36
131	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
132	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
133	Evaluation of the mutagenic, antimutagenic and antiproliferative potential of Croton lechleri (Muell.) Tj ETQq1 1 0.784314 rgBT /Over	5.3	35
134	Palladacyclopentadienyl complexes bearing purineâ€based Nâ€heterocyclic carbenes: A new class of promising antiproliferative agents against human ovarian cancer. Applied Organometallic Chemistry, 2019, 33, e4902.	3.5	35
135	Antiproliferative activity of essential oils derived from plants belonging to the Magnoliophyta division. International Journal of Oncology, 2006, 29, 989-95.	3.3	35
136	Kinetics of bromocriptine release from microspheres: Comparative analysis between different in vitro models. Journal of Microencapsulation, 1994, 11, 565-574.	2.8	34
137	Detection of the ?F508 (F508del) mutation of the cystic fibrosis gene by surface plasmon resonance and biosensor technology. , 1999, 13, 390-400.		34
138	Lab on a Chip for Live-Cell Manipulation. IEEE Design and Test of Computers, 2007, 24, 26-36.	1.0	34
139	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
140	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
141	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.	6.4	34
142	d-glucose as a modifying agent in gelatin/collagen matrix and reservoir nanoparticles for Calendula officinalis delivery. Colloids and Surfaces B: Biointerfaces, 2014, 117, 277-283.	5.0	34
143	Transient Receptor Potential Ankyrin 1 Channels Modulate Inflammatory Response in Respiratory Cells from Patients with Cystic Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2016, 55, 645-656.	2.9	34
144	miRNA array screening reveals cooperative MGMT-regulation between miR-181d-5p and miR-409-3p in glioblastoma. Oncotarget, 2016, 7, 28195-28206.	1.8	34

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145	Biospecific interaction analysis (BIA) of low-molecular weight DNA-binding drugs. Journal of Pharmacology and Experimental Therapeutics, 2000, 294, 370-7.	2.5	34
146	Antiproliferative and apoptosis-inducing activity of Brucea javanica extract on human carcinoma cells. International Journal of Molecular Medicine, 2005, 16, 1157-62.	4.0	34
147	Antiproliferative activity of Pt(II) and Pd(II) phosphine complexes with thymine and thymidine. Journal of Inorganic Biochemistry, 2007, 101, 254-260.	3.5	33
148	Antitumor activity of (trans)dermally delivered aromatic tetra-amidines. Journal of Controlled Release, 1994, 29, 53-62.	9.9	32
149	Biological Activity and Delivery of Peptide Nucleic Acids (PNA)-DNA Chimeras for Transcription Factor Decoy (TFD) Pharmacotherapy. Current Medicinal Chemistry, 2004, 11, 1253-1263.	2.4	32
150	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
151	Development of hydrocortisone succinic acid/and 5-fluorouracil/chitosan microcapsules for oral and topical drug deliveries. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 3213-3218.	2.2	32
152	Role of Slug transcription factor in human mesenchymal stem cells. Journal of Cellular and Molecular Medicine, 2012, 16, 740-751.	3.6	32
153	Î²-Sitosterol Reduces the Expression of Chemotactic Cytokine Genes in Cystic Fibrosis Bronchial Epithelial Cells. Frontiers in Pharmacology, 2017, 8, 236.	3.5	32
154	Non-invasive fetal sex diagnosis in plasma of early weeks pregnants using droplet digital PCR. Molecular Medicine, 2018, 24, 14.	4.4	32
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