

Enrica Fabbri

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,857
citations

218592

26
h-index

265120

42
g-index

60
all docs

60
docs citations

60
times ranked

2997
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting oncomiRNAs and mimicking tumor suppressor miRNAs: New trends in the development of miRNA therapeutic strategies in oncology (Review). <i>International Journal of Oncology</i> , 2016, 49, 5-32.	1.4	184
2	Regulation of expression of O6-methylguanine-DNA methyltransferase and the treatment of glioblastoma (Review). <i>International Journal of Oncology</i> , 2015, 47, 417-428.	1.4	103
3	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
4	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
5	Modulation of the Biological Activity of microRNA-210 with Peptide Nucleic Acids (PNAs). <i>ChemMedChem</i> , 2011, 6, 2192-2202.	1.6	72
6	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
7	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
8	Corilagin is a potent inhibitor of NF- κ B activity and downregulates TNF- α induced expression of IL-8 gene in cystic fibrosis IB3-1 cells. <i>International Immunopharmacology</i> , 2012, 13, 308-315.	1.7	59
9	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
10	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
11	Hybrid β -bromoacryloylamido chalcones. Design, synthesis and biological evaluation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 2022-2028.	1.0	50
12	Docking of molecules identified in bioactive medicinal plants extracts into the p50 NF- κ B transcription factor: correlation with inhibition of NF- κ B/DNA interactions and inhibitory effects on IL-8 gene expression. <i>BMC Structural Biology</i> , 2008, 8, 38.	2.3	48
13	MicroRNAs and Long Non-coding RNAs in Genetic Diseases. <i>Molecular Diagnosis and Therapy</i> , 2019, 23, 155-171.	1.6	44
14	A Peptide Nucleic Acid against MicroRNA miR-145-5p Enhances the Expression of the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) in Calu-3 Cells. <i>Molecules</i> , 2018, 23, 71.	1.7	43
15	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
16	miRNA therapeutics: delivery and biological activity of peptide nucleic acids targeting miRNAs. <i>Epigenomics</i> , 2011, 3, 733-745.	1.0	39
17	UCbase & miRfunc: a database of ultraconserved sequences and microRNA function. <i>Nucleic Acids Research</i> , 2009, 37, D41-D48.	6.5	38
18	Programmable Interactions of Functionalized Single Bioparticles in a Dielectrophoresis-Based Microarray Chip. <i>Analytical Chemistry</i> , 2013, 85, 8219-8224.	3.2	37

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19	BCL11A mRNA Targeting by miR-210: A Possible Network Regulating $\hat{\beta}$ -Globin Gene Expression. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2530.	1.8	36
20	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
21	miRNA array screening reveals cooperative MGMT-regulation between miR-181d-5p and miR-409-3p in glioblastoma. <i>Oncotarget</i> , 2016, 7, 28195-28206.	0.8	34
22	Antiproliferative activity of Pt(II) and Pd(II) phosphine complexes with thymine and thymidine. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 254-260.	1.5	33
23	Regulation of IL-8 gene expression in gliomas by microRNA miR-93. <i>BMC Cancer</i> , 2015, 15, 661.	1.1	31
24	Bangladeshi Medicinal Plant Extracts Inhibiting Molecular Interactions between Nuclear Factors and Target DNA Sequences Mimicking NF- κ B Binding Sites. <i>Medicinal Chemistry</i> , 2005, 1, 327-333.	0.7	29
25	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
26	Separation of white blood cells from erythrocytes on a dielectrophoresis (DEP) based 'Lab-on-a-chip' device. <i>International Journal of Molecular Medicine</i> , 2005, 15, 913-20.	1.8	28
27	Identification of candidate epigenetic biomarkers for ovarian cancer detection. <i>Oncology Reports</i> , 2009, 22, .	1.2	26
28	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
29	Incorporation of Naked Peptide Nucleic Acids into Liposomes Leads to Fast and Efficient Delivery. <i>Bioconjugate Chemistry</i> , 2015, 26, 1533-1541.	1.8	25
30	Liquid biopsy in mice bearing colorectal carcinoma xenografts: gateways regulating the levels of circulating tumor DNA (ctDNA) and miRNA (ctmiRNA). <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 124.	3.5	25
31	5-(Dimethylamino)-N-(4-ethynylphenyl)-1-naphthalenesulfonamide as a novel bifunctional antitumor agent and two-photon induced bio-imaging probe. <i>Chemical Communications</i> , 2010, 46, 3538.	2.2	23
32	Targeting miR-155-5p and miR-221-3p by peptide nucleic acids induces caspase-3 activation and apoptosis in temozolomide-resistant T98G glioma cells. <i>International Journal of Oncology</i> , 2019, 55, 59-68.	1.4	22
33	Targeting pre-miRNA by Peptide Nucleic Acids. <i>Artificial DNA, PNA & XNA</i> , 2012, 3, 88-96.	1.4	20
34	An antisense peptide nucleic acid against <i>Pseudomonas aeruginosa</i> inhibiting bacterial-induced inflammatory responses in the cystic fibrosis IB3-1 cellular model system. <i>International Journal of Biological Macromolecules</i> , 2017, 99, 492-498.	3.6	19
35	Corilagin Induces High Levels of Apoptosis in the Temozolomide-Resistant T98G Glioma Cell Line. <i>Oncology Research</i> , 2018, 26, 1307-1315.	0.6	18
36	Treatment of human airway epithelial Calu-3 cells 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. <i>European Journal of Medicinal Chemistry</i> , 2021, 209, 112876.	2.6	18

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37	¹³ C-Hydroxymethyl PNAs: Synthesis, interaction with DNA and inhibition of protein/DNA interactions. <i>Bioorganic Chemistry</i> , 2010, 38, 196-201.	2.0	17
38	Lysis-on-Chip of Single Target Cells following Forced Interaction with CTLs or NK Cells on a Dielectrophoresis-Based Array. <i>Journal of Immunology</i> , 2013, 191, 3545-3552.	0.4	17
39	Structural and Functional Insights on an Uncharacterized A ¹³ -Globin-Gene Polymorphism Present in Four P ²⁰ -Thalassemia Families with High Fetal Hemoglobin Levels. <i>Molecular Diagnosis and Therapy</i> , 2016, 20, 161-173.	1.6	17
40	Alternate PNA-DNA chimeras (PNA-DNA): Synthesis, binding properties and biological activity. <i>Biopolymers</i> , 2007, 88, 815-822.	1.2	16
41	Discovery of 8-methoxypyrazino[1,2-a]indole as a New Potent Antiproliferative Agent Against Human Leukemia K562 Cells. A Structure-Activity Relationship Study. <i>Letters in Drug Design and Discovery</i> , 2009, 6, 298-303.	0.4	15
42	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
43	Virtual Screening against p50 NF- κ B Transcription Factor for the Identification of Inhibitors of the NF- κ B-DNA Interaction and Expression of NF- κ B Upregulated Genes. <i>ChemMedChem</i> , 2009, 4, 2024-2033.	1.6	14
44	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
45	Changes in hemoglobin profile reflect autologous blood transfusion misuse in sports. <i>Internal and Emergency Medicine</i> , 2018, 13, 517-526.	1.0	10
46	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. <i>Biomedicines</i> , 2021, 9, 117.	1.4	9
47	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
48	Levitation and movement of tripalmitin-based cationic lipospheres on a dielectrophoresis-based lab-on-a-chip device. <i>Journal of Applied Polymer Science</i> , 2008, 109, 3484-3491.	1.3	8
49	Peptide Nucleic Acids for MicroRNA Targeting. <i>Methods in Molecular Biology</i> , 2020, 2105, 199-215.	0.4	7
50	Comparative antiproliferative activities of wood and seeds essential oils of <i>Juniperus oxycedrus</i> L. against K562 human chronic myelogenous leukemia cells. <i>Journal of Essential Oil Research</i> , 2014, 26, 301-307.	1.3	5
51	Inhibition of miRNA Maturation by Peptide Nucleic Acids. <i>Methods in Molecular Biology</i> , 2014, 1095, 157-164.	0.4	5
52	Synthesis and Evaluation of Haloacetyl, α-Bromoacryloyl and Nitrooxyacetyl Benzo[b]furan and Benzo[b]thiophene Derivatives as Potent Antiproliferative Agents Against Leukemia L1210 and K562 Cells. <i>Letters in Drug Design and Discovery</i> , 2010, 7, 476-486.	0.4	5
53	Gene Modulation by Peptide Nucleic Acids (PNAs) Targeting microRNAs (miRs). , 0, , .		4
54	Lab-on-a-Chip Devices for Cellular Arrays Based on Dielectrophoresis. , 2007, , 231-243.		4

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55	Peptide nucleic acids targeting β^2 -globin mRNAs selectively inhibit hemoglobin production in murine erythroleukemia cells. <i>International Journal of Molecular Medicine</i> , 2015, 35, 51-58.	1.8	3
56	Differential effects on the miRNome of the treatment of human airway epithelial Calu-3 cells with peptide-nucleic acids (PNAs) targeting microRNAs miR-101-3p and miR-145-5p: Next generation sequencing datasets. <i>Data in Brief</i> , 2021, 35, 106718.	0.5	3
57	Generation and Characterization of a Transgenic Mouse Carrying a Functional Human β^2 -Globin Gene with the IVSI-6 Thalassemia Mutation. <i>BioMed Research International</i> , 2015, 2015, 1-20.	0.9	2
58	Design, Synthesis and Biological Evaluation of Hybrid Molecules Containing Conjugated Styryl Ketone and β -Bromoacryloyl Moieties. <i>Letters in Drug Design and Discovery</i> , 2012, 9, 140-152.	0.4	2
59	Surface plasmon resonance based analysis of the binding of LYAR protein to the rs368698783 (G>A) polymorphic β^3 -globin gene sequences mutated in β^2 -thalassemia. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 7699-7707.	1.9	1
60	Synthesis and Biological Evaluation of a Series of 2-(3,4,5-Trimethoxybenzoyl)-Indol-3-yl Acetic Acid Derivatives as Potential Agents against Human Leukemia K562 Cells. <i>Letters in Drug Design and Discovery</i> , 2008, 5, 214-220.	0.4	1