

Ai-Ming Yu

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127
papers

4,798
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39
h-index

64
g-index

142
ext. papers

5,537
ext. citations

5.9
avg, IF

6
L-index

#	Paper	IF	Citations
127	ABC transporters in multidrug resistance and pharmacokinetics, and strategies for drug development. <i>Current Pharmaceutical Design</i> , 2014 , 20, 793-807	3.3	304
126	MicroRNA-328 negatively regulates the expression of breast cancer resistance protein (BCRP/ABCG2) in human cancer cells. <i>Molecular Pharmacology</i> , 2009 , 75, 1374-9	4.3	249
125	MicroRNAs regulate CYP3A4 expression via direct and indirect targeting. <i>Drug Metabolism and Disposition</i> , 2009 , 37, 2112-7	4	201
124	. <i>Pharmacogenetics and Genomics</i> , 2003 , 13, 173-181		155
123	The cyp2e1-humanized transgenic mouse: role of cyp2e1 in acetaminophen hepatotoxicity. <i>Drug Metabolism and Disposition</i> , 2005 , 33, 449-57	4	136
122	miRdSNP: a database of disease-associated SNPs and microRNA target sites on 3UTRs of human genes. <i>BMC Genomics</i> , 2012 , 13, 44	4.5	129
121	Cytochrome P450 and xenobiotic receptor humanized mice. <i>Annual Review of Pharmacology and Toxicology</i> , 2006 , 46, 41-64	17.9	129
120	. <i>Pharmacogenetics and Genomics</i> , 2003 , 13, 307-319		113
119	Contribution of individual cytochrome P450 isozymes to the O-demethylation of the psychotropic beta-carboline alkaloids harmaline and harmine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003 , 305, 315-22	4.7	109
118	Regulation of bile acid biosynthesis by hepatocyte nuclear factor 4alpha. <i>Journal of Lipid Research</i> , 2006 , 47, 215-27	6.3	102
117	Polymorphic cytochrome P450 2D6: humanized mouse model and endogenous substrates. <i>Drug Metabolism Reviews</i> , 2004 , 36, 243-77	7	102
116	Expression of the human CYP3A4 gene in the small intestine of transgenic mice: in vitro metabolism and pharmacokinetics of midazolam. <i>Drug Metabolism and Disposition</i> , 2003 , 31, 548-58	4	93
115	Breast cancer resistance protein BCRP/ABCG2 regulatory microRNAs (hsa-miR-328, -519c and -520h) and their differential expression in stem-like ABCG2+ cancer cells. <i>Biochemical Pharmacology</i> , 2011 , 81, 783-92	6	92
114	Psychedelic 5-methoxy-N,N-dimethyltryptamine: metabolism, pharmacokinetics, drug interactions, and pharmacological actions. <i>Current Drug Metabolism</i> , 2010 , 11, 659-66	3.5	89
113	Expression, purification, biochemical characterization, and comparative function of human cytochrome P450 2D6.1, 2D6.2, 2D6.10, and 2D6.17 allelic isoforms. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002 , 303, 1291-300	4.7	83
112	Growth hormone determines sexual dimorphism of hepatic cytochrome P450 3A4 expression in transgenic mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 316, 1328-34	4.7	76
111	RNA therapy: Are we using the right molecules?. <i>Pharmacology & Therapeutics</i> , 2019 , 196, 91-104	13.9	76

110	Hepatocyte nuclear factor 4alpha is a central regulator of bile acid conjugation. <i>Journal of Biological Chemistry</i> , 2004 , 279, 2480-9	5.4	73
109	RNA Drugs and RNA Targets for Small Molecules: Principles, Progress, and Challenges. <i>Pharmacological Reviews</i> , 2020 , 72, 862-898	22.5	69
108	Potential role for human cytochrome P450 3A4 in estradiol homeostasis. <i>Endocrinology</i> , 2005 , 146, 2911-9	4.8	66
107	Current trends in drug metabolism and pharmacokinetics. <i>Acta Pharmaceutica Sinica B</i> , 2019 , 9, 1113-1144	14.5	65
106	Small nucleolar RNA-derived microRNA hsa-miR-1291 modulates cellular drug disposition through direct targeting of ABC transporter ABCC1. <i>Drug Metabolism and Disposition</i> , 2013 , 41, 1744-51	4	62
105	Potential role of epigenetic mechanisms in the regulation of drug metabolism and transport. <i>Drug Metabolism and Disposition</i> , 2013 , 41, 1725-31	4	57
104	Regeneration of serotonin from 5-methoxytryptamine by polymorphic human CYP2D6. <i>Pharmacogenetics and Genomics</i> , 2003 , 13, 173-81		53
103	Reduced (+/-)-3,4-methylenedioxymethamphetamine ("Ecstasy") metabolism with cytochrome P450 2D6 inhibitors and pharmacogenetic variants in vitro. <i>Biochemical Pharmacology</i> , 2002 , 63, 2111-9	6	52
102	A general approach to high-yield biosynthesis of chimeric RNAs bearing various types of functional small RNAs for broad applications. <i>Nucleic Acids Research</i> , 2015 , 43, 3857-69	20.1	51
101	Study of the response regulator Rrp1 reveals its regulatory role in chitobiose utilization and virulence of <i>Borrelia burgdorferi</i> . <i>Infection and Immunity</i> , 2013 , 81, 1775-87	3.7	51
100	Combination therapy with bioengineered miR-34a prodrug and doxorubicin synergistically suppresses osteosarcoma growth. <i>Biochemical Pharmacology</i> , 2015 , 98, 602-13	6	49
99	Cytochrome P450 expression and regulation in CYP3A4/CYP2D6 double transgenic humanized mice. <i>Drug Metabolism and Disposition</i> , 2008 , 36, 435-41	4	49
98	Role of microRNAs in the regulation of drug metabolism and disposition. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2009 , 5, 1513-28	5.5	47
97	The relative contribution of monoamine oxidase and cytochrome p450 isozymes to the metabolic deamination of the trace amine tryptamine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003 , 304, 539-46	4.7	47
96	MicroRNA Pharmacoepigenetics: Posttranscriptional Regulation Mechanisms behind Variable Drug Disposition and Strategy to Develop More Effective Therapy. <i>Drug Metabolism and Disposition</i> , 2016 , 44, 308-19	4	46
95	Potential role of CYP2D6 in the central nervous system. <i>Xenobiotica</i> , 2013 , 43, 973-84	2	46
94	Screening for endogenous substrates reveals that CYP2D6 is a 5-methoxyindolethylamine O-demethylase. <i>Pharmacogenetics and Genomics</i> , 2003 , 13, 307-19		45
93	Bioengineering of noncoding RNAs for research agents and therapeutics. <i>Wiley Interdisciplinary Reviews RNA</i> , 2016 , 7, 186-97	9.3	44

92	Bioengineered NRF2-siRNA Is Effective to Interfere with NRF2 Pathways and Improve Chemosensitivity of Human Cancer Cells. <i>Drug Metabolism and Disposition</i> , 2018 , 46, 2-10	4	43
91	Bioengineering Novel Chimeric microRNA-34a for Prodrug Cancer Therapy: High-Yield Expression and Purification, and Structural and Functional Characterization. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015 , 354, 131-41	4.7	42
90	Indolealkylamines: biotransformations and potential drug-drug interactions. <i>AAPS Journal</i> , 2008 , 10, 242-53	3.7	41
89	Effects of nicotinamide N-methyltransferase on PANC-1 cells proliferation, metastatic potential and survival under metabolic stress. <i>Cellular Physiology and Biochemistry</i> , 2015 , 35, 710-21	3.9	40
88	MicroRNA expression is differentially altered by xenobiotic drugs in different human cell lines. <i>Biopharmaceutics and Drug Disposition</i> , 2011 , 32, 355-67	1.7	39
87	Effects of CYP2D6 status on harmaline metabolism, pharmacokinetics and pharmacodynamics, and a pharmacogenetics-based pharmacokinetic model. <i>Biochemical Pharmacology</i> , 2009 , 78, 617-24	6	39
86	MicroRNAs in non-small cell lung cancer: Gene regulation, impact on cancer cellular processes, and therapeutic potential. <i>Pharmacology Research and Perspectives</i> , 2019 , 7, e00528	3.1	39
85	Altered expression of small heterodimer partner governs cytochrome P450 (CYP) 2D6 induction during pregnancy in CYP2D6-humanized mice. <i>Journal of Biological Chemistry</i> , 2014 , 289, 3105-13	5.4	38
84	Chimeric MicroRNA-1291 Biosynthesized Efficiently in Escherichia coli Is Effective to Reduce Target Gene Expression in Human Carcinoma Cells and Improve Chemosensitivity. <i>Drug Metabolism and Disposition</i> , 2015 , 43, 1129-36	4	37
83	Altered cytochrome P450 expression in mice during pregnancy. <i>Drug Metabolism and Disposition</i> , 2011 , 39, 165-9	4	36
82	Carnitine palmitoyltransferase 1C regulates cancer cell senescence through mitochondria-associated metabolic reprogramming. <i>Cell Death and Differentiation</i> , 2018 , 25, 735-748	12.7	35
81	Noncoding microRNAs: small RNAs play a big role in regulation of ADME?. <i>Acta Pharmaceutica Sinica B</i> , 2012 , 2, 93-101	15.5	35
80	Carcinogenesis of the food mutagen PhIP in mice is independent of CYP1A2. <i>Carcinogenesis</i> , 2003 , 24, 583-7	4.6	35
79	Bioengineered miR-27b-3p and miR-328-3p modulate drug metabolism and disposition the regulation of target ADME gene expression. <i>Acta Pharmaceutica Sinica B</i> , 2019 , 9, 639-647	15.5	34
78	Genetically engineered pre-microRNA-34a prodrug suppresses orthotopic osteosarcoma xenograft tumor growth via the induction of apoptosis and cell cycle arrest. <i>Scientific Reports</i> , 2016 , 6, 26611	4.9	34
77	N-methylnicotinamide and nicotinamide N-methyltransferase are associated with microRNA-1291-altered pancreatic carcinoma cell metabolome and suppressed tumorigenesis. <i>Carcinogenesis</i> , 2014 , 35, 2264-72	4.6	34
76	PPAR γ regulates tumor cell proliferation and senescence via a novel target gene carnitine palmitoyltransferase 1C. <i>Carcinogenesis</i> , 2017 , 38, 474-483	4.6	33
75	Bioengineered Noncoding RNAs Selectively Change Cellular miRNome Profiles for Cancer Therapy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018 , 365, 494-506	4.7	33

74	Small interfering RNA in drug metabolism and transport. <i>Current Drug Metabolism</i> , 2007 , 8, 700-8	3.5	33
73	Bioengineered miR-328-3p modulates GLUT1-mediated glucose uptake and metabolism to exert synergistic antiproliferative effects with chemotherapeutics. <i>Acta Pharmaceutica Sinica B</i> , 2020 , 10, 159-170	15.5	33
72	Bioengineered miRNA-1291 prodrug therapy in pancreatic cancer cells and patient-derived xenograft mouse models. <i>Cancer Letters</i> , 2019 , 442, 82-90	9.9	32
71	Drug-metabolizing enzyme, transporter, and nuclear receptor genetically modified mouse models. <i>Drug Metabolism Reviews</i> , 2011 , 43, 27-40	7	30
70	MicroRNA-1291 targets the FOXA2-AGR2 pathway to suppress pancreatic cancer cell proliferation and tumorigenesis. <i>Oncotarget</i> , 2016 , 7, 45547-45561	3.3	30
69	Pinoline may be used as a probe for CYP2D6 activity. <i>Drug Metabolism and Disposition</i> , 2009 , 37, 443-6	4	29
68	Rapid production of novel pre-microRNA agent hsa-mir-27b in Escherichia coli using recombinant RNA technology for functional studies in mammalian cells. <i>Drug Metabolism and Disposition</i> , 2014 , 42, 1791-5	4	27
67	Expression and functional analysis of CYP2D6.24, CYP2D6.26, CYP2D6.27, and CYP2D7 isozymes. <i>Drug Metabolism and Disposition</i> , 2009 , 37, 1-4	4	27
66	Effects of monoamine oxidase inhibitor and cytochrome P450 2D6 status on 5-methoxy-N,N-dimethyltryptamine metabolism and pharmacokinetics. <i>Biochemical Pharmacology</i> , 2010 , 80, 122-8	6	27
65	A Novel Bioengineered miR-127 Prodrug Suppresses the Growth and Metastatic Potential of Triple-Negative Breast Cancer Cells. <i>Cancer Research</i> , 2020 , 80, 418-429	10.1	26
64	Creatine based polymer for codelivery of bioengineered MicroRNA and chemodrugs against breast cancer lung metastasis. <i>Biomaterials</i> , 2019 , 210, 25-40	15.6	24
63	Lipidation of polyethylenimine-based polyplex increases serum stability of bioengineered RNAi agents and offers more consistent tumoral gene knockdown in vivo. <i>International Journal of Pharmaceutics</i> , 2018 , 547, 537-544	6.5	24
62	Humanized transgenic mouse models for drug metabolism and pharmacokinetic research. <i>Current Drug Metabolism</i> , 2011 , 12, 997-1006	3.5	23
61	Expression, purification, and characterization of mouse CYP2d22. <i>Drug Metabolism and Disposition</i> , 2006 , 34, 1167-74	4	23
60	The riboswitch regulates a thiamine pyrophosphate ABC transporter of the oral spirochete <i>Treponema denticola</i> . <i>Journal of Bacteriology</i> , 2011 , 193, 3912-22	3.5	22
59	Bioengineered Let-7c Inhibits Orthotopic Hepatocellular Carcinoma and Improves Overall Survival with Minimal Immunogenicity. <i>Molecular Therapy - Nucleic Acids</i> , 2019 , 14, 498-508	10.7	22
58	Down-regulation of the placental BCRP/ABCG2 transporter in response to hypoxia signaling. <i>Placenta</i> , 2017 , 51, 57-63	3.4	21
57	Advances and challenges in studying noncoding RNA regulation of drug metabolism and development of RNA therapeutics. <i>Biochemical Pharmacology</i> , 2019 , 169, 113638	6	21

56	Co-targeting of DNA, RNA, and protein molecules provides optimal outcomes for treating osteosarcoma and pulmonary metastasis in spontaneous and experimental metastasis mouse models. <i>Oncotarget</i> , 2017 , 8, 30742-30755	3.3	20
55	Pharmacokinetic interactions between monoamine oxidase A inhibitor harmaline and 5-methoxy-N,N-dimethyltryptamine, and the impact of CYP2D6 status. <i>Drug Metabolism and Disposition</i> , 2013 , 41, 975-86	4	20
54	Quantitation of human cytochrome P450 2D6 protein with immunoblot and mass spectrometry analysis. <i>Drug Metabolism and Disposition</i> , 2009 , 37, 170-7	4	20
53	Nonlinear pharmacokinetics of 5-methoxy-N,N-dimethyltryptamine in mice. <i>Drug Metabolism and Disposition</i> , 2011 , 39, 1227-34	4	20
52	Bioengineered non-coding RNA agent (BERA) in action. <i>Bioengineered</i> , 2016 , 7, 411-417	5.7	19
51	Development of a LC-MS/MS method to analyze 5-methoxy-N,N-dimethyltryptamine and bufotenine, and application to pharmacokinetic study. <i>Bioanalysis</i> , 2009 , 1, 87-95	2.1	19
50	Effects of MicroRNA-34a on the Pharmacokinetics of Cytochrome P450 Probe Drugs in Mice. <i>Drug Metabolism and Disposition</i> , 2017 , 45, 512-522	4	18
49	Regulation of drug metabolism and toxicity by multiple factors of genetics, epigenetics, lncRNAs, gut microbiota, and diseases: a meeting report of the 21 International Symposium on Microsomes and Drug Oxidations (MDO). <i>Acta Pharmaceutica Sinica B</i> , 2017 , 7, 241-248	15.5	17
48	Bioengineering of a single long noncoding RNA molecule that carries multiple small RNAs. <i>Applied Microbiology and Biotechnology</i> , 2019 , 103, 6107-6117	5.7	17
47	A novel miR-1291-ERRECEPT1C axis modulates tumor cell proliferation, metabolism and tumorigenesis. <i>Theranostics</i> , 2020 , 10, 7193-7210	12.1	17
46	Effects of carnitine palmitoyltransferases on cancer cellular senescence. <i>Journal of Cellular Physiology</i> , 2019 , 234, 1707-1719	7	17
45	A reliable LC-MS/MS method for the quantification of natural amino acids in mouse plasma: Method validation and application to a study on amino acid dynamics during hepatocellular carcinoma progression. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1124, 73-81	3.2	16
44	Lyme disease spirochaete <i>Borrelia burgdorferi</i> does not require thiamin. <i>Nature Microbiology</i> , 2016 , 2, 16213	26.6	16
43	The HMOX1 Pathway as a Promising Target for the Treatment and Prevention of SARS-CoV-2 of 2019 (COVID-19). <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	16
42	Novel approaches for efficient in vivo fermentation production of noncoding RNAs. <i>Applied Microbiology and Biotechnology</i> , 2020 , 104, 1927-1937	5.7	15
41	Potential of 5-methoxy-N,N-dimethyltryptamine-induced hyperthermia by harmaline and the involvement of activation of 5-HT1A and 5-HT2A receptors. <i>Neuropharmacology</i> , 2015 , 89, 342-51	5.5	11
40	Oxaliplatin-DNA Adducts as Predictive Biomarkers of FOLFOX Response in Colorectal Cancer: A Potential Treatment Optimization Strategy. <i>Molecular Cancer Therapeutics</i> , 2020 , 19, 1070-1079	6.1	10
39	An overview of ABC and SLC Drug Transporter Gene Regulation. <i>Current Drug Metabolism</i> , 2013 , 14, 253-264	3.54	10

38	MicroRNA-1291-5p Sensitizes Pancreatic Carcinoma Cells to Arginine Deprivation and Chemotherapy through the Regulation of Arginolysis and Glycolysis. <i>Molecular Pharmacology</i> , 2020 , 98, 686-694	4.3	10
37	Metabolomics reveals mycoplasma contamination interferes with the metabolism of PANC-1 cells. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 4267-73	4.4	10
36	Stimulus control by 5-methoxy-N,N-dimethyltryptamine in wild-type and CYP2D6-humanized mice. <i>Pharmacology Biochemistry and Behavior</i> , 2011 , 99, 311-5	3.9	9
35	Interplay of Breast Cancer Resistance Protein (BCRP) and Metabolizing Enzymes. <i>Current Drug Metabolism</i> , 2015 , 16, 877-93	3.5	9
34	A genetically engineered microRNA-34a prodrug demonstrates anti-tumor activity in a canine model of osteosarcoma. <i>PLoS ONE</i> , 2018 , 13, e0209941	3.7	9
33	Comparing early liver graft function from heart beating and living-donors: A pilot study aiming to identify new biomarkers of liver injury. <i>Biopharmaceutics and Drug Disposition</i> , 2017 , 38, 326-339	1.7	8
32	Novel Synergistic Combination of Mitotic Arrest and Promotion of Apoptosis for Treatment of Pancreatic Adenocarcinoma. <i>Translational Oncology</i> , 2019 , 12, 683-692	4.9	8
31	Modification of 5-methoxy-N,N-dimethyltryptamine-induced hyperactivity by monoamine oxidase A inhibitor harmaline in mice and the underlying serotonergic mechanisms. <i>Pharmacological Reports</i> , 2016 , 68, 608-15	3.9	8
30	Atorvastatin attenuation of ABCB1 expression is mediated by microRNA miR-491-3p in Caco-2 cells. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 93, 431-6	5.1	8
29	Deliver the promise: RNAs as a new class of molecular entities for therapy and vaccination. <i>Pharmacology & Therapeutics</i> , 2021 , 230, 107967	13.9	7
28	Difference in desipramine metabolic profile between wild-type and CYP2D6-humanized mice. <i>Drug Metabolism Letters</i> , 2009 , 3, 234-41	2.1	6
27	Pharmacokinetic and Pharmacodynamic Factors Contribute to Synergism between Let-7c-5p and 5-Fluorouracil in Inhibiting Hepatocellular Carcinoma Cell Viability. <i>Drug Metabolism and Disposition</i> , 2020 , 48, 1257-1263	4	6
26	fermentation production of humanized noncoding RNAs carrying payload miRNAs for targeted anticancer therapy. <i>Theranostics</i> , 2021 , 11, 4858-4871	12.1	6
25	ARVib suppresses growth of advanced prostate cancer via inhibition of androgen receptor signaling. <i>Oncogene</i> , 2021 , 40, 5379-5392	9.2	5
24	The Optimal Outcome of Suppressing Ewing Sarcoma Growth With Biocompatible Bioengineered miR-34a-5p Prodrug. <i>Frontiers in Oncology</i> , 2020 , 10, 222	5.3	3
23	Targeting Feedforward Loops Formed by Nuclear Receptor ROR α and Kinase PBK in mCRPC with Hyperactive AR Signaling. <i>Cancers</i> , 2021 , 13,	6.6	3
22	Single bioengineered ncRNA molecule for dual-targeting toward the control of non-small cell lung cancer patient-derived xenograft tumor growth. <i>Biochemical Pharmacology</i> , 2021 , 189, 114392	6	3
21	Development of a mechanism-based pharmacokinetic/pharmacodynamic model to characterize the thermoregulatory effects of serotonergic drugs in mice. <i>Acta Pharmaceutica Sinica B</i> , 2016 , 6, 492-503	15.5	3

20	Bioengineered miR-124-3p prodrug selectively alters the proteome of human carcinoma cells to control multiple cellular components and lung metastasis .. <i>Acta Pharmaceutica Sinica B</i> , 2021 , 11, 3950-3965	15.5	3
19	MicroRNA-1291 effects on pancreatic cancer (PC) cells sensitivity to arginine deprivation and chemotherapy through modulation of ASS1 and GLUT1.. <i>Journal of Clinical Oncology</i> , 2018 , 36, 334-334	2.2	2
18	Carnitine palmitoyltransferase 1C contributes to progressive cellular senescence. <i>Aging</i> , 2020 , 12, 6733-6755	6.7	2
17	Expression and Purification of tRNA/ pre-miRNA-Based Recombinant Noncoding RNAs. <i>Methods in Molecular Biology</i> , 2021 , 2323, 249-265	1.4	2
16	Three new shRNA expression vectors targeting the CYP3A4 coding sequence to inhibit its expression. <i>Acta Pharmaceutica Sinica B</i> , 2014 , 4, 350-7	15.5	1
15	Genetically Modified Mouse Models in ADME Studies 2012 , 235-454		1
14	Impact and mechanistic role of MicroRNA-1291 on pancreatic tumorigenesis.. <i>Journal of Clinical Oncology</i> , 2016 , 34, 243-243	2.2	1
13	Cytochrome P450 Pharmacogenetics 2003 , 375-419		1
12	A Novel Integrated Pharmacokinetic-Pharmacodynamic Model to Evaluate Combination Therapy and Determine Synergism. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021 , 377, 305-315	4.7	1
11	Purification, biochemical characterization and comparative enzyme kinetics of recombinant human CYP2D6 1 and CYP2D6 2 variants. <i>Advances in Experimental Medicine and Biology</i> , 2001 , 500, 327-30	3.6	1
10	Bioengineered miR-34a modulates mitochondrial inner membrane protein 17 like 2 (MPV17L2) expression toward the control of cancer cell mitochondrial functions.. <i>Bioengineered</i> , 2022 , 13, 12489-12503	5.7	1
9	Bioengineered miR-328-3p modulates SLC2A1/GLUT1-mediated glucose uptake and metabolism to exert synergistic antiproliferative effects with chemotherapeutics. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
8	Bioengineered microRNAs suppress lung cancer cell metabolism and proliferation through targeting of folate cycle. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
7	A novel integrated PK/PD model to assess combination therapy: Determination of the synergistic antitumor efficacy between doxorubicin and sorafenib. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
6	Bioengineering of single ncRNA molecule for multi-targeting against NSCLC. <i>FASEB Journal</i> , 2018 , 32, 565.1	0.9	
5	Bioengineered let-7c is Effective at Reducing Orthotopic Hepatocellular Carcinoma Tumor Burden and is Well Tolerated in Mouse Models. <i>FASEB Journal</i> , 2018 , 32, 565.2	0.9	
4	Bioengineering of single ncRNA molecule for multi-targeting against NSCLC. <i>FASEB Journal</i> , 2019 , 33, 674.12	0.9	
3	A reliable LC-MS/MS method for targeted analysis of amino acid metabolome: Method validation and application to studies on amino acid dynamics during tumor progression. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	

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| 2 | Chidamide augment sorafenib-derived anti-tumor activities in human osteosarcoma cells lines and xenograft mouse model.. <i>Medical Oncology</i> , 2022 , 39, 87 | 3-7 |
| 1 | Bioengineered RNA Therapy in Patient-Derived Organoids and Xenograft Mouse Models. <i>Methods in Molecular Biology</i> , 2022 , 191-206 | 1-4 |