

Mingyao Liu

List of Publications by Year in descending order

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Version: 2024-02-01

195
papers

6,530
citations

71102

41
h-index

102487

66
g-index

200
all docs

200
docs citations

200
times ranked

10475
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced genome editing to ameliorate a genetic metabolic liver disease through co-delivery of adeno-associated virus receptor. <i>Science China Life Sciences</i> , 2022, 65, 718-730.	4.9	16
2	Inflammatory macrophages exacerbate neutrophil-driven joint damage through ADP/P2Y1 signaling in rheumatoid arthritis. <i>Science China Life Sciences</i> , 2022, 65, 953-968.	4.9	7
3	Design, synthesis, and biological evaluation of indole-based hydroxamic acid derivatives as histone deacetylase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2022, 227, 113893.	5.5	13
4	Single-Cell Analysis Reveals EP4 as a Target for Restoring T-Cell Infiltration and Sensitizing Prostate Cancer to Immunotherapy. <i>Clinical Cancer Research</i> , 2022, 28, 552-567.	7.0	25
5	RSPO2 and RANKL signal through LGR4 to regulate osteoclastic premetastatic niche formation and bone metastasis. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	30
6	An orally available small molecule BCL6 inhibitor effectively suppresses diffuse large B cell lymphoma cells growth in vitro and in vivo. <i>Cancer Letters</i> , 2022, 529, 100-111.	7.2	8
7	Reproducibility of the Rod Photoreceptor Response Depends Critically on the Concentration of the Phosphodiesterase Effector Enzyme. <i>Journal of Neuroscience</i> , 2022, 42, 2180-2189.	3.6	9
8	A Novel Small Molecular Prostaglandin Receptor EP4 Antagonist, L001, Suppresses Pancreatic Cancer Metastasis. <i>Molecules</i> , 2022, 27, 1209.	3.8	10
9	Design, Synthesis, and Bioevaluation of 2-Aminopteridin-7(8 <i>H</i>)-one Derivatives as Novel Potent Adenosine A _{2A} Receptor Antagonists for Cancer Immunotherapy. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 4367-4386.	6.4	10
10	Neuroendocrine Regulation of Stress-Induced T Cell Dysfunction during Lung Cancer Immunosurveillance via the Kisspeptin/GPR54 Signaling Pathway. <i>Advanced Science</i> , 2022, 9, e2104132.	11.2	9
11	P2RY6 Has a Critical Role in Mouse Skin Carcinogenesis by Regulating the YAP and β -Catenin Signaling Pathways. <i>Journal of Investigative Dermatology</i> , 2022, 142, 2334-2342.e8.	0.7	7
12	PGE2 activates EP4 in subchondral bone osteoclasts to regulate osteoarthritis. <i>Bone Research</i> , 2022, 10, 27.	11.4	40
13	A novel prostaglandin E receptor 4 (EP4) small molecule antagonist induces articular cartilage regeneration. <i>Cell Discovery</i> , 2022, 8, 24.	6.7	15
14	Discovery of 2-Amino-3-cyanothiophene Derivatives as Potent STAT3 Inhibitors for the Treatment of Osteosarcoma Growth and Metastasis. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 6710-6728.	6.4	13
15	Scaffold Hopping Strategy to Identify Prostanoid EP4 Receptor Antagonists for Cancer Immunotherapy. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 7896-7917.	6.4	7
16	Reprogramming immunosuppressive myeloid cells facilitates immunotherapy for colorectal cancer. <i>EMBO Molecular Medicine</i> , 2021, 13, e12798.	6.9	59
17	Targeting STAT3 by a small molecule suppresses pancreatic cancer progression. <i>Oncogene</i> , 2021, 40, 1440-1457.	5.9	43
18	Single-cell analysis reveals transcriptomic remodellings in distinct cell types that contribute to human prostate cancer progression. <i>Nature Cell Biology</i> , 2021, 23, 87-98.	10.3	209

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19	BCL6 confers KRAS-mutant non-small-cell lung cancer resistance to BET inhibitors. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	27
20	A potent and selective small molecule inhibitor of myoferlin attenuates colorectal cancer progression. <i>Clinical and Translational Medicine</i> , 2021, 11, e289.	4.0	14
21	Lipid Receptor G2A-Mediated Signal Pathway Plays a Critical Role in Inflammatory Response by Promoting Classical Macrophage Activation. <i>Journal of Immunology</i> , 2021, 206, 2338-2352.	0.8	6
22	Regression of Castration-Resistant Prostate Cancer by a Novel Compound HG122. <i>Frontiers in Oncology</i> , 2021, 11, 650919.	2.8	5
23	The G2A Receptor Deficiency Aggravates Atherosclerosis in Rats by Regulating Macrophages and Lipid Metabolism. <i>Frontiers in Physiology</i> , 2021, 12, 659211.	2.8	4
24	Cross-neutralization of RBD mutant strains of SARS-CoV-2 by convalescent patient derived antibodies. <i>Biotechnology Journal</i> , 2021, 16, e2100207.	3.5	8
25	Critical roles of the E3 ubiquitin ligase FBW7 in B cell response and the pathogenesis of experimental autoimmune arthritis. <i>Immunology</i> , 2021, 164, 617-636.	4.4	6
26	Docosahexaenoic acid ameliorates autoimmune inflammation by activating GPR120 signaling pathway in dendritic cells. <i>International Immunopharmacology</i> , 2021, 97, 107698.	3.8	8
27	Regulation of humoral immune response by HIF-1 α -dependent metabolic reprogramming of the germinal center reaction. <i>Cellular Immunology</i> , 2021, 367, 104409.	3.0	12
28	KP-10/Gpr54 attenuates rheumatic arthritis through inactivating NF- κ B and MAPK signaling in macrophages. <i>Pharmacological Research</i> , 2021, 171, 105496.	7.1	16
29	Suppression of 4.1R enhances the potency of NKG2D-CAR T cells against pancreatic carcinoma via activating ERK signaling pathway. <i>Oncogenesis</i> , 2021, 10, 62.	4.9	8
30	From a Designer Drug to the Discovery of Selective Cannabinoid Type 2 Receptor Agonists with Favorable Pharmacokinetic Profiles for the Treatment of Systemic Sclerosis. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 385-403.	6.4	10
31	G Protein-Coupled Receptors in Osteoarthritis. <i>Frontiers in Endocrinology</i> , 2021, 12, 808835.	3.5	1
32	Reactivation of β -globin expression through Cas9 or base editor to treat β -hemoglobinopathies. <i>Cell Research</i> , 2020, 30, 276-278.	12.0	57
33	Characterization and optimization of production of bacterial cellulose from strain CGMCC 17276 based on whole-genome analysis. <i>Carbohydrate Polymers</i> , 2020, 232, 115788.	10.2	41
34	Synthesis and Biological Evaluation of B-Cell Lymphoma 6 Inhibitors of N-Phenyl-4-pyrimidinamine Derivatives Bearing Potent Activities against Tumor Growth. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 676-695.	6.4	22
35	Celastrol is a novel selective agonist of cannabinoid receptor 2 with anti-inflammatory and anti-fibrotic activity in a mouse model of systemic sclerosis. <i>Phytomedicine</i> , 2020, 67, 153160.	5.3	24
36	Discovery and Characterization of 1 <i>H</i> -1,2,3-Triazole Derivatives as Novel Prostanoid EP4 Receptor Antagonists for Cancer Immunotherapy. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 569-590.	6.4	32

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37	Characterization of organic anion transporting polypeptide 1b2 knockout rats generated by CRISPR/Cas9: a novel model for drug transport and hyperbilirubinemia disease. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 850-860.	12.0	23
38	Ethylhexadecanoylarginate hydrochloride combats pathogens with low resistance generation by membrane attack and modifies gut microbiota structure. <i>Microbial Biotechnology</i> , 2020, 13, 722-737.	4.2	4
39	Co-Expression of IL-7 Improves NKG2D-Based CAR T Cell Therapy on Prostate Cancer by Enhancing the Expansion and Inhibiting the Apoptosis and Exhaustion. <i>Cancers</i> , 2020, 12, 1969.	3.7	41
40	Regulatory role of Gpr84 in the switch of alveolar macrophages from CD11b ^{lo} to CD11b ^{hi} status during lung injury process. <i>Mucosal Immunology</i> , 2020, 13, 892-907.	6.0	15
41	ERK/MAPK signaling is essential for intestinal development through Wnt pathway modulation. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	17
42	In vivo target protein degradation induced by PROTACs based on E3 ligase DCAF15. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 129.	17.1	53
43	Blocking P2X7-Mediated Macrophage Polarization Overcomes Treatment Resistance in Lung Cancer. <i>Cancer Immunology Research</i> , 2020, 8, 1426-1439.	3.4	35
44	CD19-CAR-T Cells Bearing a KIR/PD-1-Based Inhibitory CAR Eradicate CD19+HLA-C1 ^{hi} Malignant B Cells While Sparing CD19+HLA-C1 ⁺ Healthy B Cells. <i>Cancers</i> , 2020, 12, 2612.	3.7	22
45	Generation and Characterization of Cytochrome P450 2J3/10 CRISPR/Cas9 Knockout Rat Model. <i>Drug Metabolism and Disposition</i> , 2020, 48, 1129-1136.	3.3	12
46	Efficient photoactivatable Dre recombinase for cell type-specific spatiotemporal control of genome engineering in the mouse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 33426-33435.	7.1	14
47	Amelioration of an Inherited Metabolic Liver Disease through Creation of a De Novo Start Codon by Cytidine Base Editing. <i>Molecular Therapy</i> , 2020, 28, 1673-1683.	8.2	24
48	Natural product corynoline suppresses melanoma cell growth through inducing oxidative stress. <i>Phytotherapy Research</i> , 2020, 34, 2766-2777.	5.8	9
49	UHRF2 promotes intestinal tumorigenesis through stabilization of TCF4 mediated Wnt/ β -catenin signaling. <i>International Journal of Cancer</i> , 2020, 147, 2239-2252.	5.1	20
50	Increasing the efficiency and targeting range of cytidine base editors through fusion of a single-stranded DNA-binding protein domain. <i>Nature Cell Biology</i> , 2020, 22, 740-750.	10.3	69
51	Dual base editor catalyzes both cytosine and adenine base conversions in human cells. <i>Nature Biotechnology</i> , 2020, 38, 856-860.	17.5	165
52	ADP/P2Y1 aggravates inflammatory bowel disease through ERK5-mediated NLRP3 inflammasome activation. <i>Mucosal Immunology</i> , 2020, 13, 931-945.	6.0	19
53	The UDP/P2y6 axis promotes lung metastasis of melanoma by remodeling the premetastatic niche. <i>Cellular and Molecular Immunology</i> , 2020, 17, 1269-1271.	10.5	5
54	Targeting Pyruvate Carboxylase by a Small Molecule Suppresses Breast Cancer Progression. <i>Advanced Science</i> , 2020, 7, 1903483.	11.2	33

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55	Regulation of body length and bone mass by Gpr126/Adgrg6. <i>Science Advances</i> , 2020, 6, eaaz0368.	10.3	24
56	Determining the Drug-Like Properties of Ailanthone, a Novel Chinese Medicine Monomer with Anti-CRPC Activity. <i>Planta Medica</i> , 2020, 86, 482-488.	1.3	1
57	Lgr4 Governs a Pro-Inflammatory Program in Macrophages to Antagonize Post-Infarction Cardiac Repair. <i>Circulation Research</i> , 2020, 127, 953-973.	4.5	62
58	LGR4, Not LGR5, Enhances hPSC Hematopoiesis by Facilitating Mesoderm Induction via TGF-Beta Signaling Activation. <i>Cell Reports</i> , 2020, 31, 107600.	6.4	9
59	Design, synthesis and evaluation of phenylthiazole and phenylthiophene pyrimidindiamine derivatives targeting the bacterial membrane. <i>European Journal of Medicinal Chemistry</i> , 2020, 190, 112141.	5.5	20
60	Regression of castration-resistant prostate cancer by a novel compound QW07 targeting androgen receptor N-terminal domain. <i>Cell Biology and Toxicology</i> , 2020, 36, 399-416.	5.3	11
61	Lgr4 Deletion Delays the Hair Cycle and Inhibits the Activation of Hair Follicle Stem Cells. <i>Journal of Investigative Dermatology</i> , 2020, 140, 1706-1712.e4.	0.7	14
62	Suppression of the SLC7A11/glutathione axis causes synthetic lethality in KRAS-mutant lung adenocarcinoma. <i>Journal of Clinical Investigation</i> , 2020, 130, 1752-1766.	8.2	200
63	Concluding Remarks. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1248, 651-653.	1.6	0
64	Dual Targeting of Bile Acid Receptor-1 (TGR5) and Farnesoid X Receptor (FXR) Prevents Estrogen-Dependent Bone Loss in Mice. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 765-776.	2.8	43
65	IFN-stimulated P2Y13 protects mice from viral infection by suppressing the cAMP/EPAC1 signaling pathway. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 395-407.	3.3	22
66	The role of GPCRs in bone diseases and dysfunctions. <i>Bone Research</i> , 2019, 7, 19.	11.4	58
67	GNAQ Negatively Regulates Antiviral Innate Immune Responses in a Calcineurin-Dependent Manner. <i>Journal of Immunology</i> , 2019, 203, 1288-1297.	0.8	3
68	The interferon stimulated gene 20 protein (ISG20) is an innate defense antiviral factor that discriminates self versus non-self translation. <i>PLoS Pathogens</i> , 2019, 15, e1008093.	4.7	50
69	A novel BMI-1 inhibitor QW24 for the treatment of stem-like colorectal cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 422.	8.6	23
70	Characterization of in vitro Mrp2 transporter model based on intestinal organoids. <i>Regulatory Toxicology and Pharmacology</i> , 2019, 108, 104449.	2.7	5
71	Organic anion transport polypeptide 1b2 selectively affects the pharmacokinetic interaction between paclitaxel and sorafenib in rats. <i>Biochemical Pharmacology</i> , 2019, 169, 113612.	4.4	8
72	Discovery of potent ureido tetrahydrocarbazole derivatives for cancer treatments through targeting tumor-associated macrophages. <i>European Journal of Medicinal Chemistry</i> , 2019, 183, 111741.	5.5	10

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73	Epithelial Wntless is dispensable for intestinal tumorigenesis in mouse models. <i>Biochemical and Biophysical Research Communications</i> , 2019, 519, 754-760.	2.1	2
74	Evaluation of the inhibition risk of shikonin on human and rat UDP-glucuronosyltransferases (UGT) through the cocktail approach. <i>Toxicology Letters</i> , 2019, 312, 214-221.	0.8	9
75	Diet-induced obese alters the expression and function of hepatic drug-metabolizing enzymes and transporters in rats. <i>Biochemical Pharmacology</i> , 2019, 164, 368-376.	4.4	26
76	Synthesis and biological evaluation of methylpyrimidine-fused tricyclic diterpene analogs as novel oral anti-late-onset hypogonadism agents. <i>European Journal of Medicinal Chemistry</i> , 2019, 176, 21-40.	5.5	4
77	Preclinical toxicology and toxicokinetic evaluation of ailanthone, a natural product against castration-resistant prostate cancer, in mice. <i>FÄ-toterapÄ-Äç</i> , 2019, 136, 104161.	2.2	13
78	Modification and Biological Evaluation of a Series of 1,5-Diaryl-1,2,4-triazole Compounds as Novel Agents against Pancreatic Cancer Metastasis through Targeting Myoferlin. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 4949-4966.	6.4	27
79	Design, synthesis and evaluation of hybrid of tetrahydrocarbazole with 2,4-diaminopyrimidine scaffold as antibacterial agents. <i>European Journal of Medicinal Chemistry</i> , 2019, 162, 203-211.	5.5	13
80	Loss of <i>Lgr4</i> inhibits differentiation, migration and apoptosis, and promotes proliferation in bone mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 10855-10867.	4.1	25
81	Development and Characterization of MDR1 (<i>Mdr1a/b</i>) CRISPR/Cas9 Knockout Rat Model. <i>Drug Metabolism and Disposition</i> , 2019, 47, 71-79.	3.3	22
82	Generation of a Primary Hyperoxaluria Type 1 Disease Model Via CRISPR/Cas9 System in Rats. <i>Current Molecular Medicine</i> , 2019, 18, 436-447.	1.3	6
83	Recent Advances of Small Molecular Regulators Targeting G Protein- Coupled Receptors Family for Oncology Immunotherapy. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 1464-1483.	2.1	3
84	Cas9-nickase-mediated genome editing corrects hereditary tyrosinemia in rats. <i>Journal of Biological Chemistry</i> , 2018, 293, 6883-6892.	3.4	44
85	Hyperlipidemia induces typical atherosclerosis development in Ldlr and Apoe deficient rats. <i>Atherosclerosis</i> , 2018, 271, 26-35.	0.8	78
86	LGR4 modulates breast cancer initiation, metastasis, and cancer stem cells. <i>FASEB Journal</i> , 2018, 32, 2422-2437.	0.5	55
87	Plant natural product plumbagin presents potent inhibitory effect on human cytochrome P450 2J2 enzyme. <i>Phytomedicine</i> , 2018, 39, 137-145.	5.3	15
88	The burgeoning role of cytochrome P450-mediated vitamin D metabolites against colorectal cancer. <i>Pharmacological Research</i> , 2018, 133, 9-20.	7.1	14
89	Extracellular ADP facilitates monocyte recruitment in bacterial infection via ERK signaling. <i>Cellular and Molecular Immunology</i> , 2018, 15, 58-73.	10.5	27
90	Quantitative and systems pharmacology 2. In silico polypharmacology of G protein-coupled receptor ligands via network-based approaches. <i>Pharmacological Research</i> , 2018, 129, 400-413.	7.1	28

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91	Repurposing sertraline sensitizes nonâ€“small cell lung cancer cells to erlotinib by inducing autophagy. <i>JCI Insight</i> , 2018, 3, .	5.0	51
92	Metabolite-Sensing G Protein Coupled Receptor TGR5 Protects Host From Viral Infection Through Amplifying Type I Interferon Responses. <i>Frontiers in Immunology</i> , 2018, 9, 2289.	4.8	26
93	Synthesis of Cyanoenone-Modified Diterpenoid Analogs as Novel Bmi-1-Mediated Antitumor Agents. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 1105-1110.	2.8	11
94	A small molecule targeting myoferlin exerts promising anti-tumor effects on breast cancer. <i>Nature Communications</i> , 2018, 9, 3726.	12.8	53
95	Design, synthesis, and biological evaluations of phenylpropionic acid derivatives as novel GPR40 agonists. <i>European Journal of Medicinal Chemistry</i> , 2018, 158, 123-133.	5.5	10
96	Inhibition of HDACs-EphA2 Signaling Axis with WW437 Demonstrates Promising Preclinical Antitumor Activity in Breast Cancer. <i>EBioMedicine</i> , 2018, 31, 276-286.	6.1	24
97	Inhibition of Rspo-Lgr4 Facilitates Checkpoint Blockade Therapy by Switching Macrophage Polarization. <i>Cancer Research</i> , 2018, 78, 4929-4942.	0.9	115
98	Gq activity- and β -arrestin-1 scaffolding-mediated ADGRG2/CFTR coupling are required for male fertility. <i>ELife</i> , 2018, 7, .	6.0	66
99	GPR54 deficiency reduces the Treg population and aggravates experimental autoimmune encephalomyelitis in mice. <i>Science China Life Sciences</i> , 2018, 61, 675-687.	4.9	15
100	Increasing targeting scope of adenosine base editors in mouse and rat embryos through fusion of TadA deaminase with Cas9 variants. <i>Protein and Cell</i> , 2018, 9, 814-819.	11.0	68
101	Kisspeptin Receptor GPR54 Promotes Adipocyte Differentiation and Fat Accumulation in Mice. <i>Frontiers in Physiology</i> , 2018, 9, 209.	2.8	16
102	Design and optimization of the cocktail assay for rapid assessment of the activity of UGT enzymes in human and rat liver microsomes. <i>Toxicology Letters</i> , 2018, 295, 379-389.	0.8	17
103	Newly characterized crystal structures: further insights into the architecture of GPCRs. <i>Science China Life Sciences</i> , 2018, 61, 593-596.	4.9	2
104	Kisspeptin/GPR54 signaling restricts antiviral innate immune response through regulating calcineurin phosphatase activity. <i>Science Advances</i> , 2018, 4, eaas9784.	10.3	25
105	Pharmacological inhibition of dihydroorotate dehydrogenase induces apoptosis and differentiation in acute myeloid leukemia cells. <i>Haematologica</i> , 2018, 103, 1472-1483.	3.5	66
106	In vitro and in vivo evaluation of cucurbitacin E on rat hepatic CYP2C11 expression and activity using LC-MS/MS. <i>Science China Life Sciences</i> , 2017, 60, 215-224.	4.9	5
107	Generation of obese rat model by transcription activator-like effector nucleases targeting the leptin receptor gene. <i>Science China Life Sciences</i> , 2017, 60, 152-157.	4.9	13
108	Exploration and analysis of drug modes of action through feature integration. <i>Molecular BioSystems</i> , 2017, 13, 425-431.	2.9	0

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109	Comprehensive assessment of Cucurbitacin E related hepatotoxicity and drug-drug interactions involving CYP3A and P-glycoprotein. <i>Phytomedicine</i> , 2017, 26, 1-10.	5.3	15
110	CRISPR knockout rat cytochrome P450 3A1/2 model for advancing drug metabolism and pharmacokinetics research. <i>Scientific Reports</i> , 2017, 7, 42922.	3.3	41
111	SH479, a Betulinic Acid Derivative, Ameliorates Experimental Autoimmune Encephalomyelitis by Regulating the T Helper 17/Regulatory T Cell Balance. <i>Molecular Pharmacology</i> , 2017, 91, 464-474.	2.3	10
112	Drug Repurposing of Histone Deacetylase Inhibitors That Alleviate Neutrophilic Inflammation in Acute Lung Injury and Idiopathic Pulmonary Fibrosis via Inhibiting Leukotriene A4 Hydrolase and Blocking LTB4 Biosynthesis. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 1817-1828.	6.4	30
113	Synthesis of heterocyclic ring-fused tricyclic diterpene analogs as novel inhibitors of RANKL-induced osteoclastogenesis and bone resorption. <i>European Journal of Medicinal Chemistry</i> , 2017, 131, 48-67.	5.5	13
114	A novel synthetic small molecule YF-452 inhibits tumor growth through antiangiogenesis by suppressing VEGF receptor 2 signaling. <i>Science China Life Sciences</i> , 2017, 60, 202-214.	4.9	12
115	Elimination of GPR146-mediated antiviral function through IRF3/HES1 signalling pathway. <i>Immunology</i> , 2017, 152, 102-114.	4.4	12
116	CRISPR/Cas9 system: a powerful technology for in vivo and ex vivo gene therapy. <i>Science China Life Sciences</i> , 2017, 60, 468-475.	4.9	27
117	Novel hemostatic agents based on gelatin-microbial transglutaminase mix. <i>Science China Life Sciences</i> , 2017, 60, 397-403.	4.9	10
118	Elevation of GPRC5A expression in colorectal cancer promotes tumor progression through VNN1-induced oxidative stress. <i>International Journal of Cancer</i> , 2017, 140, 2734-2747.	5.1	34
119	Proteome-Scale Investigation of Protein Allosteric Regulation Perturbed by Somatic Mutations in 7,000 Cancer Genomes. <i>American Journal of Human Genetics</i> , 2017, 100, 5-20.	6.2	72
120	Heritable expansion of the genetic code in mouse and zebrafish. <i>Cell Research</i> , 2017, 27, 294-297.	12.0	57
121	A betulinic acid derivative SH479 inhibits collagen-induced arthritis by modulating T cell differentiation and cytokine balance. <i>Biochemical Pharmacology</i> , 2017, 126, 69-78.	4.4	16
122	Targeting Twist expression with small molecules. <i>MedChemComm</i> , 2017, 8, 268-275.	3.4	6
123	Assessment of the inhibition risk of shikonin on cytochrome P450 via cocktail inhibition assay. <i>Toxicology Letters</i> , 2017, 281, 74-83.	0.8	29
124	A novel biosensor based on intestinal 3D organoids for detecting the function of BCRP. <i>Drug Delivery</i> , 2017, 24, 1453-1459.	5.7	16
125	Electrospun Micropatterned Nanocomposites Incorporated with Cu ₂ S Nanoflowers for Skin Tumor Therapy and Wound Healing. <i>ACS Nano</i> , 2017, 11, 11337-11349.	14.6	191
126	Leucine-rich repeat-containing G protein-coupled receptor 4 facilitates vesicular stomatitis virus infection by binding vesicular stomatitis virus glycoprotein. <i>Journal of Biological Chemistry</i> , 2017, 292, 16527-16538.	3.4	19

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127	Cytochrome P450 3A selectively affects the pharmacokinetic interaction between erlotinib and docetaxel in rats. <i>Biochemical Pharmacology</i> , 2017, 143, 129-139.	4.4	15
128	A conducive bioceramic/polymer composite biomaterial for diabetic wound healing. <i>Acta Biomaterialia</i> , 2017, 60, 128-143.	8.3	135
129	Inhibition of histone deacetylases sensitizes EGF receptor- TK inhibitor-resistant non-small cell lung cancer cells to erlotinib <i>in vitro</i> and <i>in vivo</i> . <i>British Journal of Pharmacology</i> , 2017, 174, 3608-3622.	5.4	34
130	Virus-Triggered ATP Release Limits Viral Replication through Facilitating $\text{IFN-}\beta$ Production in a P2X7-Dependent Manner. <i>Journal of Immunology</i> , 2017, 199, 1372-1381.	0.8	67
131	Ten years of achievements in biological and medical sciences. <i>Science China Life Sciences</i> , 2017, 60, 111-115.	4.9	3
132	Ailanthone: a new potential drug for castration-resistant prostate cancer. <i>Chinese Journal of Cancer</i> , 2017, 36, 25.	4.9	20
133	Identification of Genes Involved in Breast Cancer Metastasis by Integrating Protein-Protein Interaction Information with Expression Data. <i>Journal of Computational Biology</i> , 2017, 24, 172-182.	1.6	2
134	Defeat mutant <i>KRAS</i> with synthetic lethality. <i>Small GTPases</i> , 2017, 8, 212-219.	1.6	12
135	A Novel Model of Glycoprotein Inhibitor Screening Using Human Small Intestinal Organoids. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 120, 250-255.	2.5	21
136	Palmitoylated SCP1 is targeted to the plasma membrane and negatively regulates angiogenesis. <i>ELife</i> , 2017, 6, .	6.0	15
137	The greedy nature of mutant RAS: a boon for drug discovery targeting cancer metabolism?. <i>Acta Biochimica Et Biophysica Sinica</i> , 2016, 48, 17-26.	2.0	13
138	Measurement of Rhodamine 123 in Three-Dimensional Organoids: A Novel Model for Glycoprotein Inhibitor Screening. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 119, 349-352.	2.5	14
139	Differential Requirement of the Extracellular Domain in Activation of Class B G Protein-coupled Receptors. <i>Journal of Biological Chemistry</i> , 2016, 291, 15119-15130.	3.4	61
140	Prevention of Muscle Wasting by CRISPR/Cas9-mediated Disruption of Myostatin In Vivo. <i>Molecular Therapy</i> , 2016, 24, 1889-1891.	8.2	22
141	Suppression of KRas-mutant cancer through the combined inhibition of KRAS with PLK1 and ROCK. <i>Nature Communications</i> , 2016, 7, 11363.	12.8	74
142	Efficient liver repopulation of transplanted hepatocyte prevents cirrhosis in a rat model of hereditary tyrosinemia type I. <i>Scientific Reports</i> , 2016, 6, 31460.	3.3	29
143	Ailanthone targets p23 to overcome MDV3100 resistance in castration-resistant prostate cancer. <i>Nature Communications</i> , 2016, 7, 13122.	12.8	76
144	A combination therapy for KRAS-mutant lung cancer by targeting synthetic lethal partners of mutant KRAS. <i>Chinese Journal of Cancer</i> , 2016, 35, 92.	4.9	5

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145	Ccndbp1 is a novel positive regulator of skeletal myogenesis. <i>Journal of Cell Science</i> , 2016, 129, 2767-77.	2.0	6
146	Â-Lapachone Induces NAD(P)H:Quinone Oxidoreductase-1- and Oxidative Stress-Dependent Heat Shock Protein 90 Cleavage and Inhibits Tumor Growth and Angiogenesis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 357, 466-475.	2.5	35
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152	Evaluation of the inhibition potential of plumbagin against cytochrome P450 using LC-MS/MS and cocktail approach. <i>Scientific Reports</i> , 2016, 6, 28482.	3.3	31
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158	Characterization of novel cytochrome P450 2E1 knockout rat model generated by CRISPR/Cas9. <i>Biochemical Pharmacology</i> , 2016, 105, 80-90.	4.4	43
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161	Design, synthesis and anticancer activities of novel otobain derivatives. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 277-287.	2.8	15
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175	The Ubiquitination of RagA GTPase by RNF152 Negatively Regulates mTORC1 Activation. <i>Molecular Cell</i> , 2015, 58, 804-818.	9.7	106
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