

Changyuan Wang

List of Publications by Year in descending order

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152
papers

3,928
citations

101496

36
h-index

197736

49
g-index

158
all docs

158
docs citations

158
times ranked

4879
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Catalpol ameliorates hepatic insulin resistance in type 2 diabetes through acting on AMPK/NOX4/PI3K/AKT pathway. <i>Pharmacological Research</i> , 2018, 130, 466-480. | 3.1 | 146 |
| 2 | Challenges and Perspectives on the Development of Small-Molecule EGFR Inhibitors against T790M-Mediated Resistance in Non-Small-Cell Lung Cancer. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 6580-6594. | 2.9 | 84 |
| 3 | A cost-effective method to prepare curcumin nanosuspensions with enhanced oral bioavailability. <i>Journal of Colloid and Interface Science</i> , 2017, 485, 91-98. | 5.0 | 81 |
| 4 | Dasatinib reverses the multidrug resistance of breast cancer MCF-7 cells to doxorubicin by downregulating P-gp expression via inhibiting the activation of ERK signaling pathway. <i>Cancer Biology and Therapy</i> , 2015, 16, 106-114. | 1.5 | 76 |
| 5 | Dioscin attenuates renal ischemia/reperfusion injury by inhibiting the TLR4/MyD88 signaling pathway via up-regulation of HSP70. <i>Pharmacological Research</i> , 2015, 100, 341-352. | 3.1 | 72 |
| 6 | Dioscin reduces lipopolysaccharide-induced inflammatory liver injury via regulating TLR4/MyD88 signal pathway. <i>International Immunopharmacology</i> , 2016, 36, 132-141. | 1.7 | 72 |
| 7 | Dioscin alleviates lipopolysaccharide-induced inflammatory kidney injury via the microRNA let-7i/TLR4/MyD88 signaling pathway. <i>Pharmacological Research</i> , 2016, 111, 509-522. | 3.1 | 71 |
| 8 | Catalpol Inhibits Homocysteine-induced Oxidation and Inflammation via Inhibiting Nox4/NF- κ B and GRP78/PERK Pathways in Human Aorta Endothelial Cells. <i>Inflammation</i> , 2019, 42, 64-80. | 1.7 | 66 |
| 9 | Potent anti-inflammatory effect of dioscin mediated by suppression of $\text{ATNF-}\alpha$ -induced VCAM-1, ICAM-1 and EL expression via the NF- κ B pathway. <i>Biochimie</i> , 2015, 110, 62-72. | 1.3 | 61 |
| 10 | Pharmacokinetic Interaction between JBP485 and Cephalexin in Rats. <i>Drug Metabolism and Disposition</i> , 2010, 38, 930-938. | 1.7 | 58 |
| 11 | Dioscin Restores the Activity of the Anticancer Agent Adriamycin in Multidrug-Resistant Human Leukemia K562/Adriamycin Cells by Down-Regulating MDR1 via a Mechanism Involving NF- κ B Signaling Inhibition. <i>Journal of Natural Products</i> , 2013, 76, 909-914. | 1.5 | 58 |
| 12 | Catalpol alleviates adriamycin-induced nephropathy by activating the SIRT1 signalling pathway in vivo and in vitro. <i>British Journal of Pharmacology</i> , 2019, 176, 4558-4573. | 2.7 | 58 |
| 13 | Luteolin attenuates glucocorticoid-induced osteoporosis by regulating ERK/Lrp5/GSK-3 β signaling pathway in vivo and in vitro. <i>Journal of Cellular Physiology</i> , 2019, 234, 4472-4490. | 2.0 | 57 |
| 14 | Protective effects of glycyrrhizic acid against non-alcoholic fatty liver disease in mice. <i>European Journal of Pharmacology</i> , 2017, 806, 75-82. | 1.7 | 56 |
| 15 | Hepatoprotective effect of ginsenoside Rg1 from <i>Panax ginseng</i> on carbon tetrachloride-induced acute liver injury by activating Nrf2 signaling pathway in mice. <i>Environmental Toxicology</i> , 2018, 33, 1050-1060. | 2.1 | 56 |
| 16 | Dioscin suppresses human laryngeal cancer cells growth via induction of cell-cycle arrest and MAPK-mediated mitochondrial-derived apoptosis and inhibition of tumor invasion. <i>European Journal of Pharmacology</i> , 2016, 774, 105-117. | 1.7 | 55 |
| 17 | Luteolin ameliorates LPS-induced acute liver injury by inhibiting TXNIP-NLRP3 inflammasome in mice. <i>Phytomedicine</i> , 2021, 87, 153586. | 2.3 | 55 |
| 18 | Total Flavonoids from <i>Rosa laevigata</i> Michx Fruit Ameliorates Hepatic Ischemia/Reperfusion Injury through Inhibition of Oxidative Stress and Inflammation in Rats. <i>Nutrients</i> , 2016, 8, 418. | 1.7 | 51 |

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|----|--|-----|-----------|
| 19 | Hepatoprotective effect of rhein against methotrexate-induced liver toxicity. <i>European Journal of Pharmacology</i> , 2018, 834, 266-273. | 1.7 | 50 |
| 20 | Resveratrol Increases Anti-Proliferative Activity of Bestatin Through Downregulating Glycoprotein Expression Via Inhibiting PI3K/Akt/mTOR Pathway in K562/ADR Cells. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 1233-1239. | 1.2 | 49 |
| 21 | P-gp, MRP2 and OAT1/OAT3 mediate the drug-drug interaction between resveratrol and methotrexate. <i>Toxicology and Applied Pharmacology</i> , 2016, 306, 27-35. | 1.3 | 47 |
| 22 | Targeting Glycoprotein and SORCIN: Dihydromyricetin strengthens anti-proliferative efficiency of adriamycin via MAPK/ERK and Ca ²⁺ -mediated apoptosis pathways in MCF7/ADR and K562/ADR. <i>Journal of Cellular Physiology</i> , 2018, 233, 3066-3079. | 2.0 | 47 |
| 23 | Rhizoma Dioscoreae Nipponicae polysaccharides protect HUVECs from H ₂ O ₂ -induced injury by regulating PPAR β factor and the NADPH oxidase/ROS-NF κ B signal pathway. <i>Toxicology Letters</i> , 2015, 232, 149-158. | 0.4 | 46 |
| 24 | Soluplus/TPGS mixed micelles for dioscin delivery in cancer therapy. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1197-1204. | 0.9 | 46 |
| 25 | Calycosin attenuates triglyceride accumulation and hepatic fibrosis in murine model of non-alcoholic steatohepatitis via activating farnesoid X receptor. <i>Phytomedicine</i> , 2017, 25, 83-92. | 2.3 | 46 |
| 26 | Disocin prevents postmenopausal atherosclerosis in ovariectomized LDLR ^{-/-} mice through a PGC-1 β /ER α pathway leading to promotion of autophagy and inhibition of oxidative stress, inflammation and apoptosis. <i>Pharmacological Research</i> , 2019, 148, 104414. | 3.1 | 46 |
| 27 | Dioscin reduces ovariectomy-induced bone loss by enhancing osteoblastogenesis and inhibiting osteoclastogenesis. <i>Pharmacological Research</i> , 2016, 108, 90-101. | 3.1 | 45 |
| 28 | Activating the PGC-1 α /TERT Pathway by Catalpol Ameliorates Atherosclerosis via Modulating ROS Production, DNA Damage, and Telomere Function: Implications on Mitochondria and Telomere Link. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-16. | 1.9 | 45 |
| 29 | Scutellarin ameliorates nonalcoholic fatty liver disease through the PPAR β /PGC-1 β -Nrf2 pathway. <i>Free Radical Research</i> , 2018, 52, 198-211. | 1.5 | 44 |
| 30 | Kaempferol-induced GPER upregulation attenuates atherosclerosis via the PI3K/AKT/Nrf2 pathway. <i>Pharmaceutical Biology</i> , 2021, 59, 1104-1114. | 1.3 | 44 |
| 31 | Dioscin alleviates dimethylnitrosamine-induced acute liver injury through regulating apoptosis, oxidative stress and inflammation. <i>Environmental Toxicology and Pharmacology</i> , 2016, 45, 193-201. | 2.0 | 43 |
| 32 | Development and evaluation of a novel drug delivery: Soluplus [®] /TPGS mixed micelles loaded with piperine <i>in vitro</i> and <i>in vivo</i> . <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 1409-1416. | 0.9 | 42 |
| 33 | OAT1 and OAT3 also mediate the drug-drug interaction between piperacillin and tazobactam. <i>International Journal of Pharmaceutics</i> , 2018, 537, 172-182. | 2.6 | 41 |
| 34 | CoenzymeQ10-Induced Activation of AMPK-YAP-OPA1 Pathway Alleviates Atherosclerosis by Improving Mitochondrial Function, Inhibiting Oxidative Stress and Promoting Energy Metabolism. <i>Frontiers in Pharmacology</i> , 2020, 11, 1034. | 1.6 | 41 |
| 35 | Enhancement effect of P-gp inhibitors on the intestinal absorption and antiproliferative activity of bestatin. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 50, 420-428. | 1.9 | 40 |
| 36 | Synthesis and biological evaluation of morpholine-substituted diphenylpyrimidine derivatives (Mor-DPPYs) as potent EGFR T790M inhibitors with improved activity toward the gefitinib-resistant non-small cell lung cancers (NSCLC). <i>European Journal of Medicinal Chemistry</i> , 2017, 133, 329-339. | 2.6 | 40 |

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|----|--|-----|-----------|
| 37 | 7-O-Geranylquercetin induces apoptosis in gastric cancer cells via ROS-MAPK mediated mitochondrial signaling pathway activation. <i>Biomedicine and Pharmacotherapy</i> , 2017, 87, 527-538. | 2.5 | 38 |
| 38 | JBP485 improves gentamicin-induced acute renal failure by regulating the expression and function of Oat1 and Oat3 in rats. <i>Toxicology and Applied Pharmacology</i> , 2013, 271, 285-295. | 1.3 | 37 |
| 39 | Protective Effects of Alisol B 23-Acetate Via Farnesoid X Receptor-Mediated Regulation of Transporters and Enzymes in Estrogen-Induced Cholestatic Liver Injury in Mice. <i>Pharmaceutical Research</i> , 2015, 32, 3688-3698. | 1.7 | 37 |
| 40 | Protective effects of glycyrrhizic acid from edible botanical glycyrrhiza glabra against non-alcoholic steatohepatitis in mice. <i>Food and Function</i> , 2016, 7, 3716-3723. | 2.1 | 37 |
| 41 | Protective effects of ginsenoside Rg1 against lipopolysaccharide/ d -galactosamine-induced acute liver injury in mice through inhibiting toll-like receptor 4 signaling pathway. <i>International Immunopharmacology</i> , 2018, 61, 266-276. | 1.7 | 36 |
| 42 | Targeting P-glycoprotein expression and cancer cell energy metabolism: combination of metformin and 2-deoxyglucose reverses the multidrug resistance of K562/Dox cells to doxorubicin. <i>Tumor Biology</i> , 2016, 37, 8587-8597. | 0.8 | 35 |
| 43 | Naringin Inhibits TNF- α ; Induced Oxidative Stress and Inflammatory Response in HUVECs via Nox4/NF- κ B and PI3K/Akt Pathways. <i>Current Pharmaceutical Biotechnology</i> , 2014, 15, 1173-1182. | 0.9 | 35 |
| 44 | Alisol B 23-acetate promotes liver regeneration in mice after partial hepatectomy via activating farnesoid X receptor. <i>Biochemical Pharmacology</i> , 2014, 92, 289-298. | 2.0 | 34 |
| 45 | Dioscin protects against ANIT-induced cholestasis via regulating Oatps, Mrp2 and Bsep expression in rats. <i>Toxicology and Applied Pharmacology</i> , 2016, 305, 127-135. | 1.3 | 34 |
| 46 | Hepatoprotection of auraptene from peels of citrus fruits against thioacetamide-induced hepatic fibrosis in mice by activating farnesoid X receptor. <i>Food and Function</i> , 2018, 9, 2684-2694. | 2.1 | 34 |
| 47 | Involvement of Organic Anion-Transporting Polypeptides in the Hepatic Uptake of Dioscin in Rats and Humans. <i>Drug Metabolism and Disposition</i> , 2013, 41, 994-1003. | 1.7 | 33 |
| 48 | Design and synthesis of sulfonamide-substituted diphenylpyrimidines (SFA-DPPYs) as potent Bruton's tyrosine kinase (BTK) inhibitors with improved activity toward B-cell lymphoblastic leukemia. <i>European Journal of Medicinal Chemistry</i> , 2017, 135, 60-69. | 2.6 | 33 |
| 49 | Ginsenoside Rg1 protects against acetaminophen-induced liver injury via activating Nrf2 signaling pathway in vivo and in vitro. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 98, 58-68. | 1.3 | 33 |
| 50 | Targeting P-glycoprotein function, p53 and energy metabolism: Combination of metformin and 2-deoxyglucose reverses the multidrug resistance of MCF-7/Dox cells to doxorubicin. <i>Oncotarget</i> , 2017, 8, 8622-8632. | 0.8 | 33 |
| 51 | Covalent binding design strategy: A prospective method for discovery of potent targeted anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2017, 142, 493-505. | 2.6 | 30 |
| 52 | JBP485 attenuates vancomycin-induced nephrotoxicity by regulating the expressions of organic anion transporter (Oat) 1, Oat3, organic cation transporter 2 (Oct2), multidrug resistance-associated protein 2 (Mrp2) and P-glycoprotein (P-gp) in rats. <i>Toxicology Letters</i> , 2018, 295, 195-204. | 0.4 | 30 |
| 53 | Design, synthesis and biological evaluation of sulfonamide-substituted diphenylpyrimidine derivatives (Sul-DPPYs) as potent focal adhesion kinase (FAK) inhibitors with antitumor activity. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 3989-3996. | 1.4 | 29 |
| 54 | Dioscin strengthens the efficiency of adriamycin in MCF-7 and MCF-7/ADR cells through autophagy induction: More than just down-regulation of MDR1. <i>Scientific Reports</i> , 2016, 6, 28403. | 1.6 | 28 |

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|----|---|-----|-----------|
| 55 | Targeting of miR-96-5p by catalpol ameliorates oxidative stress and hepatic steatosis in LDLr ^{-/-} mice via p66shc/cytochrome C cascade. <i>Aging</i> , 2020, 12, 2049-2069. | 1.4 | 28 |
| 56 | MDR1 and OAT1/OAT3 Mediate the Drug-Drug Interaction between Puerarin and Methotrexate. <i>Pharmaceutical Research</i> , 2014, 31, 1120-1132. | 1.7 | 27 |
| 57 | Alpha-lipoic acid defends homocysteine-induced endoplasmic reticulum and oxidative stress in HAECs. <i>Biomedicine and Pharmacotherapy</i> , 2016, 80, 63-72. | 2.5 | 27 |
| 58 | Yangonin protects against non-alcoholic fatty liver disease through farnesoid X receptor. <i>Phytomedicine</i> , 2019, 53, 134-142. | 2.3 | 27 |
| 59 | Adenine: an important drug scaffold for the design of antiviral agents. <i>Acta Pharmaceutica Sinica B</i> , 2015, 5, 431-441. | 5.7 | 26 |
| 60 | Structural optimization of diphenylpyrimidine derivatives (DPPYs) as potent Bruton's tyrosine kinase (BTK) inhibitors with improved activity toward B leukemia cell lines. <i>European Journal of Medicinal Chemistry</i> , 2017, 126, 444-455. | 2.6 | 26 |
| 61 | Identification of highly potent BTK and JAK3 dual inhibitors with improved activity for the treatment of B-cell lymphoma. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 1847-1857. | 2.6 | 26 |
| 62 | Effects of calycosin against high-fat diet-induced nonalcoholic fatty liver disease in mice. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2018, 33, 533-542. | 1.4 | 25 |
| 63 | Organic anion transporters and PI3K/AKT/mTOR pathway mediate the synergistic anticancer effect of pemetrexed and rhein. <i>Journal of Cellular Physiology</i> , 2020, 235, 3309-3319. | 2.0 | 25 |
| 64 | Synthesis and biological evaluation of azole-diphenylpyrimidine derivatives (AzDPPYs) as potent T790M mutant form of epidermal growth factor receptor inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 5505-5512. | 1.4 | 24 |
| 65 | Discovery of Novel Bruton's Tyrosine Kinase (BTK) Inhibitors Bearing a 9,9-Diphenyl-9H-purin-2-amine Scaffold. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 1050-1055. | 1.3 | 24 |
| 66 | Novel 4-anilinoquinazoline derivatives featuring an 1-adamantyl moiety as potent EGFR inhibitors with enhanced activity against NSCLC cell lines. <i>European Journal of Medicinal Chemistry</i> , 2016, 110, 195-203. | 2.6 | 24 |
| 67 | Yangonin protects against cholestasis and hepatotoxicity via activation of farnesoid X receptor in vivo and in vitro. <i>Toxicology and Applied Pharmacology</i> , 2018, 348, 105-116. | 1.3 | 24 |
| 68 | Design and synthesis of diphenylpyrimidine derivatives (DPPYs) as potential dual EGFR T790M and FAK inhibitors against a diverse range of cancer cell lines. <i>Bioorganic Chemistry</i> , 2020, 94, 103408. | 2.0 | 23 |
| 69 | Computational discovery and experimental verification of farnesoid X receptor agonist auraptene to protect against cholestatic liver injury. <i>Biochemical Pharmacology</i> , 2017, 146, 127-138. | 2.0 | 22 |
| 70 | Hepatoprotection of auraptene from the peels of citrus fruits against 17 β -ethinylestradiol-induced cholestasis in mice by activating farnesoid X receptor. <i>Food and Function</i> , 2019, 10, 3839-3850. | 2.1 | 22 |
| 71 | Structure-based modification of carbonyl-diphenylpyrimidines (Car-DPPYs) as a novel focal adhesion kinase (FAK) inhibitor against various stubborn cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2019, 172, 154-162. | 2.6 | 22 |
| 72 | Isoliquiritigenin alleviates LPS/ D-GalN-induced acute liver failure by activating the PGC-1 α / Nrf2 pathway to reduce oxidative stress and inflammatory response. <i>International Immunopharmacology</i> , 2021, 100, 108159. | 1.7 | 22 |

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| 73 | PEPT1- and OAT1/3-mediated drug-drug interactions between bestatin and cefixime in vivo and in vitro in rats, and in vitro in human. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 63, 77-86. | 1.9 | 21 |
| 74 | Enhancement effect of resveratrol on the intestinal absorption of bestatin by regulating PEPT1, MDR1 and MRP2 in vivo and in vitro. <i>International Journal of Pharmaceutics</i> , 2015, 495, 588-598. | 2.6 | 21 |
| 75 | Protective effects of yangonin from an edible botanical Kava against lithocholic acid-induced cholestasis and hepatotoxicity. <i>European Journal of Pharmacology</i> , 2018, 824, 64-71. | 1.7 | 21 |
| 76 | Targeting P-Glycoprotein: Nelfinavir Reverses Adriamycin Resistance in K562/ADR Cells. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 1616-1631. | 1.1 | 21 |
| 77 | Protective effect of cilastatin against diclofenac-induced nephrotoxicity through interaction with diclofenac acyl glucuronide via organic anion transporters. <i>British Journal of Pharmacology</i> , 2020, 177, 1933-1948. | 2.7 | 21 |
| 78 | PEPT1 involved in the uptake and transepithelial transport of cefditoren in vivo and in vitro. <i>European Journal of Pharmacology</i> , 2009, 612, 9-14. | 1.7 | 20 |
| 79 | OATP and MRP2-mediated hepatic uptake and biliary excretion of eprosartan in rat and human. <i>Pharmacological Reports</i> , 2014, 66, 311-319. | 1.5 | 20 |
| 80 | Dioscin attenuates gastric ischemia/reperfusion injury through the down-regulation of PKC/ERK1/2 signaling via PKC α and PKC β 2 inhibition. <i>Chemico-Biological Interactions</i> , 2016, 258, 234-244. | 1.7 | 20 |
| 81 | Cilastatin protects against imipenem-induced nephrotoxicity via inhibition of renal organic anion transporters (OATs). <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 986-996. | 5.7 | 20 |
| 82 | Combination of dihydromyricetin and ondansetron strengthens antiproliferative efficiency of adriamycin in K562/ADR through downregulation of SORCIN: A new strategy of inhibiting P-glycoprotein. <i>Journal of Cellular Physiology</i> , 2019, 234, 3685-3696. | 2.0 | 19 |
| 83 | Design and synthesis of phosphoryl-substituted diphenylpyrimidines (Pho-DPPYs) as potent Bruton's tyrosine kinase (BTK) inhibitors: Targeted treatment of B lymphoblastic leukemia cell lines. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 765-772. | 1.4 | 18 |
| 84 | Inhibitory Effect of Valsartan on the Intestinal Absorption and Renal Excretion of Bestatin in Rats. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 719-729. | 1.6 | 17 |
| 85 | P-gp is involved in the intestinal absorption and biliary excretion of afatinib in vitro and in rats. <i>Pharmacological Reports</i> , 2018, 70, 243-250. | 1.5 | 17 |
| 86 | Soluplus [®] /TPGS mixed micelles for co-delivery of docetaxel and piperine for combination cancer therapy. <i>Pharmaceutical Development and Technology</i> , 2020, 25, 107-115. | 1.1 | 17 |
| 87 | Mixed micelles of TPGS and Soluplus [®] for co-delivery of paclitaxel and fenretinide: <i>in vitro</i> and <i>in vivo</i> anticancer study. <i>Pharmaceutical Development and Technology</i> , 2020, 25, 865-873. | 1.1 | 17 |
| 88 | Oleanolic acid-loaded PLGA-TPGS nanoparticles combined with heparin sodium-loaded PLGA-TPGS nanoparticles for enhancing chemotherapy to liver cancer. <i>Life Sciences</i> , 2016, 165, 63-74. | 2.0 | 16 |
| 89 | Phosphamide-containing diphenylpyrimidine analogues (PA-DPPYs) as potent focal adhesion kinase (FAK) inhibitors with enhanced activity against pancreatic cancer cell lines. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 6313-6321. | 1.4 | 16 |
| 90 | Promising galactose-decorated biodegradable poloxamer 188-PLGA diblock copolymer nanoparticles of resibufogenin for enhancing liver cancer therapy. <i>Drug Delivery</i> , 2017, 24, 1302-1316. | 2.5 | 15 |

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|-----|---|-----|-----------|
| 91 | Preparation of a thiols β -cyclodextrin/gold nanoparticles-coated open tubular column for capillary electrochromatography enantioseparations. <i>Journal of Separation Science</i> , 2020, 43, 2209-2216. | 1.3 | 15 |
| 92 | Yangonin modulates lipid homeostasis, ameliorates cholestasis and cellular senescence in alcoholic liver disease via activating nuclear receptor FXR. <i>Phytomedicine</i> , 2021, 90, 153629. | 2.3 | 15 |
| 93 | Dioscin enhances methotrexate absorption by down-regulating MDR1 in vitro and in vivo. <i>Toxicology and Applied Pharmacology</i> , 2014, 277, 146-154. | 1.3 | 14 |
| 94 | Methotrexate-bestatin interaction: Involvement of P-glycoprotein and organic anion transporters in rats. <i>International Journal of Pharmaceutics</i> , 2014, 465, 368-377. | 2.6 | 14 |
| 95 | Emodin-Loaded PLGA-TPGS Nanoparticles Combined with Heparin Sodium-Loaded PLGA-TPGS Nanoparticles to Enhance Chemotherapeutic Efficacy Against Liver Cancer. <i>Pharmaceutical Research</i> , 2016, 33, 2828-2843. | 1.7 | 14 |
| 96 | Puerarin improves methotrexate-induced renal damage by up-regulating renal expression of Oat1 and Oat3 in vivo and in vitro. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 915-922. | 2.5 | 14 |
| 97 | Dihydroartemisinin and doxorubicin co-loaded Soluplus [®] -TPGS mixed micelles: formulation characterization, cellular uptake, and pharmacodynamic studies. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 1125-1132. | 1.1 | 14 |
| 98 | Regio- and stereo-selective oxidation of β -boswellic acids transformed by filamentous fungi. <i>RSC Advances</i> , 2015, 5, 12717-12725. | 1.7 | 13 |
| 99 | Bezafibrate-mizoribine interaction: Involvement of organic anion transporters OAT1 and OAT3 in rats. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 81, 119-128. | 1.9 | 13 |
| 100 | Yangonin protects against estrogen-induced cholestasis in a farnesoid X receptor-dependent manner. <i>European Journal of Pharmacology</i> , 2019, 857, 172461. | 1.7 | 13 |
| 101 | Resveratrol enhances the protective effects of JBP485 against indomethacin-induced rat intestinal damage in vivo and vitro through up-regulating oligopeptide transporter 1 (Pept1). <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 251-261. | 2.5 | 13 |
| 102 | Organic anion transporters also mediate the drug-drug interaction between imipenem and cilastatin. <i>Asian Journal of Pharmaceutical Sciences</i> , 2020, 15, 252-263. | 4.3 | 13 |
| 103 | Synthesis and biological activity of thieno[3,2-d]pyrimidines as potent JAK3 inhibitors for the treatment of idiopathic pulmonary fibrosis. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115254. | 1.4 | 13 |
| 104 | Targeting renal OATs to develop renal protective agent from traditional Chinese medicines: Protective effect of Apigenin against Imipenem-induced nephrotoxicity. <i>Phytotherapy Research</i> , 2020, 34, 2998-3010. | 2.8 | 13 |
| 105 | Molecular pharmacokinetic mechanism of the drug-drug interaction between genistein and repaglinide mediated by P-gp. <i>Biomedicine and Pharmacotherapy</i> , 2020, 125, 110032. | 2.5 | 13 |
| 106 | Yangonin inhibits ethanol-induced hepatocyte senescence via miR-194/FXR axis. <i>European Journal of Pharmacology</i> , 2021, 890, 173653. | 1.7 | 13 |
| 107 | Molecular Mechanisms of Biliary Excretion of Cefditoren and the Effects of Cefditoren on the Expression Levels of Hepatic Transporters. <i>Drug Metabolism and Pharmacokinetics</i> , 2010, 25, 320-327. | 1.1 | 12 |
| 108 | Inhibitory Effect of Zinc on the Absorption of JBP485 via the Gastrointestinal Oligopeptide Transporter (PEPT1) in Rats. <i>Drug Metabolism and Pharmacokinetics</i> , 2011, 26, 494-502. | 1.1 | 12 |

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|-----|---|-----|-----------|
| 109 | C-2-(E)-4-(Styryl)aniline substituted diphenylpyrimidine derivatives (Sty-DPPYs) as specific kinase inhibitors targeting clinical resistance related EGFR T790M mutant. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 2724-2729. | 1.4 | 12 |
| 110 | Novel amino acid-substituted diphenylpyrimidine derivatives as potent BTK inhibitors against B cell lymphoma cell lines. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 4179-4186. | 1.4 | 12 |
| 111 | Synthesis and biological activity of imidazole group-substituted arylaminopyrimidines (IAAPs) as potent BTK inhibitors against B-cell lymphoma and AML. <i>Bioorganic Chemistry</i> , 2021, 106, 104385. | 2.0 | 12 |
| 112 | Identifying the Dominant Contribution of Human Cytochrome P450 2J2 to the Metabolism of Rivaroxaban, an Oral Anticoagulant. <i>Cardiovascular Drugs and Therapy</i> , 2022, 36, 121-129. | 1.3 | 12 |
| 113 | The oligopeptide transporter 2-mediated reabsorption of entecavir in rat kidney. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 52, 41-47. | 1.9 | 11 |
| 114 | Puerarin sensitized K562/ADR cells by inhibiting NF- κ B pathway and inducing autophagy. <i>Phytotherapy Research</i> , 2021, 35, 1658-1668. | 2.8 | 11 |
| 115 | Decreased liver distribution of entecavir is related to down-regulation of Oat2/Oct1 and up-regulation of Mrp1/2/3/5 in rat liver fibrosis. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 71, 73-79. | 1.9 | 10 |
| 116 | Organic anion transporters 1 (OAT1) and OAT3 mediated the protective effect of rhein on methotrexate-induced nephrotoxicity. <i>RSC Advances</i> , 2017, 7, 25461-25468. | 1.7 | 10 |
| 117 | JAK3 inhibitors based on thieno[3,2-d]pyrimidine scaffold: design, synthesis and bioactivity evaluation for the treatment of B-cell lymphoma. <i>Bioorganic Chemistry</i> , 2020, 95, 103542. | 2.0 | 10 |
| 118 | Novel Pyrimidines as Multitarget Protein Tyrosine Kinase Inhibitors for the Treatment of Idiopathic Pulmonary Fibrosis (IPF). <i>ChemMedChem</i> , 2020, 15, 182-187. | 1.6 | 10 |
| 119 | Hepatoprotection of yangonin against hepatic fibrosis in mice via farnesoid X receptor activation. <i>International Immunopharmacology</i> , 2019, 75, 105833. | 1.7 | 9 |
| 120 | Phosphocreatine Promotes Osteoblastic Activities in H ₂ O ₂ -Induced MC3T3-E1 Cells by Regulating SIRT1/FOXO1/PGC-1 α Signaling Pathway. <i>Current Pharmaceutical Biotechnology</i> , 2021, 22, 609-621. | 0.9 | 9 |
| 121 | Noncovalent EGFR T790M/L858R inhibitors based on diphenylpyrimidine scaffold: Design, synthesis, and bioactivity evaluation for the treatment of NSCLC. <i>European Journal of Medicinal Chemistry</i> , 2021, 223, 113626. | 2.6 | 8 |
| 122 | Isoliquiritigenin-mediated miR-23a-3p inhibition activates PGC-1 α to alleviate alcoholic liver injury. <i>Phytomedicine</i> , 2022, 96, 153845. | 2.3 | 8 |
| 123 | Simultaneous Determination of Resibufogenin and Its Major Metabolite 3-epi-Resibufogenin in Rat Plasma by HPLC Coupled with Tandem Mass Spectrometry. <i>Chromatographia</i> , 2012, 75, 103-109. | 0.7 | 7 |
| 124 | Protective effects of formononetin against rhabdomyolysis-induced acute kidney injury by upregulating Nrf2 in vivo and in vitro. <i>RSC Advances</i> , 2016, 6, 110874-110883. | 1.7 | 7 |
| 125 | Identification of 2(1H)-pyrimidinones as potential EGFR T790M inhibitors for the treatment of gefitinib-resistant non-small cell lung cancer. <i>Bioorganic Chemistry</i> , 2019, 89, 102994. | 2.0 | 7 |
| 126 | Catalpol-Induced AMPK Activation Alleviates Cisplatin-Induced Nephrotoxicity through the Mitochondrial-Dependent Pathway without Compromising Its Anticancer Properties. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13. | 1.9 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Design, synthesis, and biological evaluation of cyano-substituted 2,4-diarylaminopyrimidines as potent JAK3 inhibitors for the treatment of B-cell lymphoma. <i>Bioorganic Chemistry</i> , 2021, 116, 105330. | 2.0 | 7 |
| 128 | Involvement of organic cation transporter 2 in the metformin-associated increased lactate levels caused by contrast-induced nephropathy. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 1760-1766. | 2.5 | 6 |
| 129 | Design, synthesis, and biological evaluation of hydroxamic acid-substituted 2,4-diarylaminopyrimidines as potent EGFR T790M/L858R inhibitors for the treatment of NSCLC. <i>Bioorganic Chemistry</i> , 2021, 114, 105045. | 2.0 | 6 |
| 130 | Activation of PGC-1 α via isoliquiritigenin-induced downregulation of miR-138-5p alleviates nonalcoholic fatty liver disease. <i>Phytotherapy Research</i> , 2022, 36, 899-913. | 2.8 | 6 |
| 131 | RAPID SEPARATION OF FLAVONOIDS FROM HYDROLYSIS PRODUCTS OF <i>Pimedium koreanum</i> . <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013, 36, 1163-1176. | 0.5 | 5 |
| 132 | Catalpol attenuates oxidative stress and promotes autophagy in TNF- α -exposed HAECs by up-regulating AMPK. <i>RSC Advances</i> , 2017, 7, 52561-52572. | 1.7 | 5 |
| 133 | Liver uptake of cefditoren is mediated by OATP1B1 and OATP2B1 in humans and Oatp1a1, Oatp1a4, and Oatp1b2 in rats. <i>RSC Advances</i> , 2017, 7, 30038-30048. | 1.7 | 5 |
| 134 | Pharmacokinetic changes of cefdinir and cefditoren and its molecular mechanisms in acute kidney injury in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 1503-1512. | 1.2 | 5 |
| 135 | Bioactivatable Pseudotripeptidization of Cyclic Dipeptides To Increase the Affinity toward Oligopeptide Transporter 1 for Enhanced Oral Absorption: An Application to Cyclo(l-Hyp-l-Ser) (JBP485). <i>Journal of Medicinal Chemistry</i> , 2019, 62, 7708-7721. | 2.9 | 5 |
| 136 | Fenretinide-polyethylene glycol (PEG) conjugate with improved solubility enhanced cytotoxicity to cancer cell and potent <i>in vivo</i> efficacy. <i>Pharmaceutical Development and Technology</i> , 2020, 25, 962-970. | 1.1 | 5 |
| 137 | Honokiol Prodrug Nanoparticles Based on In Situ Albumin Binding for Long Circulation and High Tumor Uptake. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 1589-1595. | 1.3 | 5 |
| 138 | Catalpol prevents alteration of cholesterol homeostasis in non-alcoholic fatty liver disease via attenuating endoplasmic reticulum stress and NOX4 over-expression. <i>RSC Advances</i> , 2017, 7, 1161-1176. | 1.7 | 4 |
| 139 | Organic Anion-Transporting Polypeptide and Efflux Transporter-Mediated Hepatic Uptake and Biliary Excretion of Cilostazol and Its Metabolites in Rats and Humans. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 2515-2523. | 1.6 | 4 |
| 140 | Structural optimization of diphenylpyrimidine scaffold as potent and selective epidermal growth factor receptor inhibitors against L858R/T790M resistance mutation in nonsmall cell lung cancer. <i>Chemical Biology and Drug Design</i> , 2018, 92, 1988-1997. | 1.5 | 3 |
| 141 | RAPID AND SENSITIVE DETERMINATION OF JBP485 BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY AND ITS APPLICATION IN PHARMACOKINETICS IN RAT. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2011, 34, 350-359. | 0.5 | 2 |
| 142 | Rapid and Selective LC-MS/MS Method for the Determination of cyclo-trans-4-l-Hydroxypropyl-l-serine (JBP485) in Rat Plasma. <i>Chromatographia</i> , 2011, 73, 481-486. | 0.7 | 2 |
| 143 | A stronger reversal effect of the combination of dasatinib and menadione on P-gp-mediated multidrug resistance in human leukemia K562/Adr cell line. <i>RSC Advances</i> , 2017, 7, 17227-17235. | 1.7 | 2 |
| 144 | Synthesis and biological evaluation of selenogefitinib for reducing bleomycin-induced pulmonary fibrosis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 48, 128238. | 1.0 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Substrate-dependent Inhibition of Hypericin on Human Carboxylesterase 2: Implications for Herb-drug Combination. <i>Current Drug Metabolism</i> , 2022, 23, 38-44. | 0.7 | 2 |
| 146 | Novel Potent EGFR-JAK3 Dual-Target Inhibitor that Overcomes KRAS Mutation Resistance in Colorectal Cancer. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2023, 23, 440-449. | 0.9 | 2 |
| 147 | Piperacillin enhances the inhibitory effect of tazobactam on $\hat{1}^2$ -lactamase through inhibition of organic anion transporter 1/3 in rats. <i>Asian Journal of Pharmaceutical Sciences</i> , 2019, 14, 677-686. | 4.3 | 1 |
| 148 | Comparison of the Inhibitory Effects of Clotrimazole and Ketoconazole against Human Carboxylesterase 2. <i>Current Drug Metabolism</i> , 2021, 22, 391-398. | 0.7 | 1 |
| 149 | $\hat{1}\pm$ -Lipoic acid protects HAECs from high glucose-induced apoptosis via decreased oxidative stress, ER stress and mitochondrial injury. <i>RSC Advances</i> , 2015, 5, 70726-70736. | 1.7 | 0 |
| 150 | In vitro Measurement and In vivo Prediction of Time-Dependent Inhibitory Effects of Three Tyrosine Kinase Inhibitors on CYP3A Activity. <i>Current Drug Metabolism</i> , 2021, 22, . | 0.7 | 0 |
| 151 | Design, synthesis and activity evaluation of prodrug form JBP485 and Vitamin E for alleviation of NASH. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 56, 128464. | 1.0 | 0 |
| 152 | Unraveling the Structure-Dependent Inhibitory Effects of Ginsenoside Series Compounds on Human Cytochrome P450 1B1. <i>Current Drug Metabolism</i> , 2022, 23, 553-561. | 0.7 | 0 |