# Jixia Wang

## List of Publications by Citations



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|---|---|---|---|
| 33 papers | 311 citations | 11 h-index | 16 g-index |
| 34 ext. papers | 413 ext. citations | 4.6 avg, IF | 3.13 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 33 | Hydrophilic-subtraction model for the characterization and comparison of hydrophilic interaction liquid chromatography columns. *Journal of Chromatography A*, **2015**, 1398, 29-46 | 4.5 | 32 |
| 32 | Characterization of anthocyanins in wild Lycium ruthenicum Murray by HPLC-DAD/QTOF-MS/MS. *Analytical Methods*, **2015**, 7, 4947-4956 | 3.2 | 29 |
| 31 | Saikosaponin D from Radix Bupleuri suppresses triple-negative breast cancer cell growth by targeting β-catenin signaling. *Biomedicine and Pharmacotherapy*, **2018**, 108, 724-733 | 7.5 | 26 |
| 30 | Recent development in liquid chromatography stationary phases for separation of Traditional Chinese Medicine components. *Journal of Pharmaceutical and Biomedical Analysis*, **2016**, 130, 336-346 | 3.5 | 25 |
| 29 | Separation and characterization of bufadienolides in toad skin using two-dimensional normal-phase liquid chromatography×reversed-phase liquid chromatography coupled with mass spectrometry. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2016**, 1026, 67-74 | 3.2 | 18 |
| 28 | Application of two-dimensional liquid chromatography in the separation of traditional Chinese medicine. *Journal of Separation Science*, **2020**, 43, 87-104 | 3.4 | 18 |
| 27 | Label-free cell phenotypic profiling and pathway deconvolution of neurotensin receptor-1. *Pharmacological Research*, **2016**, 108, 39-45 | 10.2 | 16 |
| 26 | Discovery of 2H-Chromen-2-one Derivatives as G Protein-Coupled Receptor-35 Agonists. *Journal of Medicinal Chemistry*, **2017**, 60, 362-372 | 8.3 | 14 |
| 25 | Discovery of new muscarinic acetylcholine receptor antagonists from Scopolia tangutica. *Scientific Reports*, **2017**, 7, 46067 | 4.9 | 13 |
| 24 | Isolation and bioactive evaluation of flavonoid glycosides from Lobelia chinensis Lour using two-dimensional liquid chromatography combined with label-free cell phenotypic assays. *Journal of Chromatography A*, **2019**, 1601, 224-231 | 4.5 | 13 |
| 23 | Anti-gastric cancer activity in three-dimensional tumor spheroids of bufadienolides. *Scientific Reports*, **2016**, 6, 24772 | 4.9 | 12 |
| 22 | Offline preparative 2-D polar-copolymerized reversed-phase chromatography×zwitterionic hydrophilic interaction chromatography for effective purification of polar compounds from Caulis Polygoni Multiflori. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2019**, 1118-1119, 70-77 | 3.2 | 11 |
| 21 | Hydrophilic interaction liquid chromatography-solid phase extraction directly combined with protein precipitation for the determination of triptorelin in plasma. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2014**, 960, 214-21 | 3.2 | 11 |
| 20 | A novel method for characterization and comparison of reversed-phase column selectivity. *Journal of Chromatography A*, **2014**, 1361, 153-61 | 4.5 | 9 |
| 19 | Discovery of new targets of phenolic acids in danshen using a label-free cell phenotypic assay. *RSC Advances*, **2015**, 5, 25768-25776 | 3.7 | 6 |
| 18 | Chemical profiling of spermidines in goji berry by strong cation exchange solid-phase extraction (SCX-SPE) combined with ultrahigh-performance liquid chromatography-quadrupole time-of-flight mass spectrometry (UPLC-Q-TOF/MS/MS). *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2020**, 1137, 121923 | 3.2 | 6 |
| 17 | Structure-Activity Relationship Studies of Coumarin-like Diacid Derivatives as Human G Protein-Coupled Receptor-35 (hGPR35) Agonists and a Consequent New Design Principle. *Journal of Medicinal Chemistry*, **2021**, 64, 2634-2647 | 8.3 | 6 |

# List of Publications

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|---|---|---|---|
| 16 | Discovery of □adrenoceptor agonists in Curcuma zedoaria Rosc using label-free cell phenotypic assay combined with two-dimensional liquid chromatography. *Journal of Chromatography A*, **2018**, 1577, 59-65 | 4.5 | 6 |
| 15 | Label-free cell phenotypic study of FFA4 and FFA1 and discovery of novel agonists of FFA4 from natural products.. *RSC Advances*, **2019**, 9, 15073-15083 | 3.7 | 5 |
| 14 | Purification of tertiary and quaternary alkaloids from Rhizoma Corydalis using reversed-phase/weak cation-exchange mixed-mode class separation combined with preparative C18 and silica based strong cation-exchange chromatography. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2019**, 1126-1127, 121742 | 3.2 | 5 |
| 13 | Discovery of novel antagonists on □adrenoceptor from natural products using a label-free cell phenotypic assay. *Naunyn-Schmiedeberg□s Archives of Pharmacology*, **2018**, 391, 1411-1420 | 3.4 | 5 |
| 12 | SAR Studies of -[2-(1-Tetrazol-5-yl)phenyl]benzamide Derivatives as Potent G Protein-Coupled Receptor-35 Agonists. *ACS Medicinal Chemistry Letters*, **2018**, 9, 422-427 | 4.3 | 4 |
| 11 | Analgesic bisbenzylisoquinoline alkaloids from the rhizoma of Menispermum dauricum DC. *Bioorganic Chemistry*, **2021**, 107, 104517 | 5.1 | 4 |
| 10 | Integration of micro-fractionation, high-performance liquid chromatography-ultraviolet detector-charged aerosol detector-mass spectrometry analysis and cellular dynamic mass redistribution assay to accelerate alkaloid drug discovery. *Journal of Chromatography A*, **2020**, 1616, 460779 | 4.5 | 3 |
| 9 | Synthesis and evaluation of 3-(4-(phenoxymethyl)phenyl)propanoic acid and N-phenylbenzenesulfonamide derivatives as FFA4 agonists. *Bioorganic and Medicinal Chemistry Letters*, **2020**, 30, 127650 | 2.9 | 3 |
| 8 | Identification and target-pathway deconvolution of FFA4 agonists with anti-diabetic activity from Arnebia euchroma (Royle) Johnst. *Pharmacological Research*, **2021**, 163, 105173 | 10.2 | 3 |
| 7 | Systematic characterization of AT1 receptor antagonists with label-free dynamic mass redistribution assays. *Journal of Pharmacological and Toxicological Methods*, **2020**, 102, 106682 | 1.7 | 2 |
| 6 | Label-free cell phenotypic study of opioid receptors and discovery of novel mu opioid ligands from natural products. *Journal of Ethnopharmacology*, **2021**, 270, 113872 | 5 | 2 |
| 5 | Mechanism deconvolution of Qing Fei Pai Du decoction for treatment of Coronavirus Disease 2019 (COVID-19) by label-free integrative pharmacology assays. *Journal of Ethnopharmacology*, **2021**, 280, 114488 | 5 | 2 |
| 4 | Resonant waveguide grating based assays for colloidal aggregate detection and promiscuity characterization in natural products.. *RSC Advances*, **2019**, 9, 38055-38064 | 3.7 | 1 |
| 3 | Discovery of eight alkaloids with D1 and D2 antagonist activity in leaves of Nelumbo nucifera Gaertn. Using FLIPR assays. *Journal of Ethnopharmacology*, **2021**, 278, 114335 | 5 | 1 |
| 2 | Ursodesoxycholic acid is an FFA4 agonist and reduces hepatic steatosis via FFA4 signaling.. *European Journal of Pharmacology*, **2022**, 174760 | 5.3 | 0 |
| 1 | Phenotypic assessment and ligand screening of ETA/ETB receptors with label-free dynamic mass redistribution assay. *Naunyn-Schmiedeberg□s Archives of Pharmacology*, **2020**, 393, 937-950 | 3.4 | 0 |