

# Zheng-tao Wang

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

428  
papers

11,150  
citations

50  
h-index

73  
g-index

437  
ext. papers

12,916  
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| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 428 | NTIRE 2017 Challenge on Single Image Super-Resolution: Methods and Results <b>2017</b> ,  |      | 322       |
| 427 | Antioxidant phenolic compounds from walnut kernels ( <i>Juglans regia</i> L.). <i>Food Chemistry</i> , <b>2009</b> , 113, 160-165   | 4.5  | 201       |
| 426 | Advancement in analysis of <i>Salviae miltiorrhizae Radix et Rhizoma</i> (Danshen). <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 1941-53  | 4.5  | 181       |
| 425 | Bile acid nuclear receptor FXR and digestive system diseases. <i>Acta Pharmaceutica Sinica B</i> , <b>2015</b> , 5, 135-145   | 4.5  | 171       |
| 424 | Protective effect of naringenin against experimental colitis via suppression of Toll-like receptor 4/NF- $\kappa$ B signalling. <i>British Journal of Nutrition</i> , <b>2013</b> , 110, 599-608  | 3.6  | 135       |
| 423 | Caffeic acid prevents acetaminophen-induced liver injury by activating the Keap1-Nrf2 antioxidative defense system. <i>Free Radical Biology and Medicine</i> , <b>2016</b> , 91, 236-46   | 7.8  | 134       |
| 422 | In vitro anti-tumor activity of isorhamnetin isolated from <i>Hippophae rhamnoides</i> L. against BEL-7402 cells. <i>Pharmacological Research</i> , <b>2006</b> , 54, 186-94  | 10.2 | 113       |
| 421 | The involvement of p62-Keap1-Nrf2 antioxidative signaling pathway and JNK in the protection of natural flavonoid quercetin against hepatotoxicity. <i>Free Radical Biology and Medicine</i> , <b>2015</b> , 85, 12-23   | 7.8  | 111       |
| 420 | Vertical sleeve gastrectomy activates GPBAR-1/TGR5 to sustain weight loss, improve fatty liver, and remit insulin resistance in mice. <i>Hepatology</i> , <b>2016</b> , 64, 760-73  | 11.2 | 108       |
| 419 | Identification and chemical profiling of monacolins in red yeast rice using high-performance liquid chromatography with photodiode array detector and mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2004</b> , 35, 1101-12 | 3.5  | 105       |
| 418 | Improvement of catechin production in <i>Escherichia coli</i> through combinatorial metabolic engineering. <i>Metabolic Engineering</i> , <b>2015</b> , 28, 43-53   | 9.7  | 93        |
| 417 | Paeoniflorin abrogates DSS-induced colitis via a TLR4-dependent pathway. <i>American Journal of Physiology - Renal Physiology</i> , <b>2014</b> , 306, G27-36   | 5.1  | 93        |
| 416 | Mangiferin attenuates the symptoms of dextran sulfate sodium-induced colitis in mice via NF- $\kappa$ B and MAPK signaling inactivation. <i>International Immunopharmacology</i> , <b>2014</b> , 23, 170-8  | 5.8  | 91        |
| 415 | Isolation of antioxidants from <i>Psoralea corylifolia</i> fruits using high-speed counter-current chromatography guided by thin layer chromatography-antioxidant autographic assay. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 5470-6          | 4.5  | 89        |
| 414 | Chrysin ameliorates chemically induced colitis in the mouse through modulation of a PXR/NF- $\kappa$ B signaling pathway. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2013</b> , 345, 473-82  | 4.7  | 88        |
| 413 | Caffeoylquinic acid derivatives isolated from the aerial parts of <i>Gynura divaricata</i> and their yeast $\beta$ -glucosidase and PTP1B inhibitory activity. <i>Fitoterapia</i> , <b>2014</b> , 99, 1-6   | 3.2  | 87        |
| 412 | Simultaneous determination of phenols (bibenzyl, phenanthrene, and fluorenone) in <i>Dendrobium</i> species by high-performance liquid chromatography with diode array detection. <i>Journal of Chromatography A</i> , <b>2006</b> , 1104, 230-7              | 4.5  | 86        |

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| 411 | Bile acids metabonomic study on the CCl <sub>4</sub> - and alpha-naphthylisothiocyanate-induced animal models: quantitative analysis of 22 bile acids by ultraperformance liquid chromatography-mass spectrometry. <i>Chemical Research in Toxicology</i> , <b>2008</b> , 21, 2280-8                                  | 4   | 84 |
| 410 | Chlorogenic acid, a dietary polyphenol, protects acetaminophen-induced liver injury and its mechanism. <i>Journal of Nutritional Biochemistry</i> , <b>2013</b> , 24, 1911-9  | 6.3 | 83 |
| 409 | Species differentiation and quality assessment of Radix Paeoniae Rubra (Chi-shao) by means of high-performance liquid chromatographic fingerprint. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 2163-8  | 4.5 | 80 |
| 408 | A new phenanthrene with a spirolactone from <i>Dendrobium chrysanthum</i> and its anti-inflammatory activities. <i>Bioorganic and Medicinal Chemistry</i> , <b>2006</b> , 14, 3496-501  | 3.4 | 80 |
| 407 | Simultaneous determination of six isoflavonoids in commercial Radix Astragali by HPLC-UV. <i>Phytotherapy</i> , <b>2005</b> , 76, 157-65  | 3.2 | 80 |
| 406 | Acetylcholinesterase inhibitive activity-guided isolation of two new alkaloids from seeds of <i>Peganum nigellastrum</i> Bunge by an in vitro TLC- bioautographic assay. <i>Archives of Pharmacal Research</i> , <b>2009</b> , 32, 1245-51  | 6.1 | 73 |
| 405 | Anti-inflammatory and analgesic activities of ethanolic extract and two limonoids from <i>Melia toosendan</i> fruit. <i>Journal of Ethnopharmacology</i> , <b>2008</b> , 117, 463-6   | 5   | 73 |
| 404 | Bi-bicyclic and bi-tricyclic compounds from <i>Dendrobium thysiflorum</i> . <i>Phytochemistry</i> , <b>2005</b> , 66, 1113-20   | 4   | 73 |
| 403 | Curcumin rescues high fat diet-induced obesity and insulin sensitivity in mice through regulating SREBP pathway. <i>Toxicology and Applied Pharmacology</i> , <b>2016</b> , 304, 99-109   | 4.6 | 71 |
| 402 | Chemical fingerprint and quantitative analysis of <i>Salvia plebeia</i> R.Br. by high-performance liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2008</b> , 48, 100-4   | 3.5 | 68 |
| 401 | Comprehensive two-dimensional high-performance liquid chromatography system with immobilized liposome chromatography column and reversed-phase column for separation of complex traditional Chinese medicine Longdan Xiegan Decoction. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 2185-91               | 4.5 | 67 |
| 400 | Characterization of compounds in the Chinese herbal drug Mu-Dan-Pi by liquid chromatography coupled to electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2006</b> , 20, 3275-88  | 2.2 | 67 |
| 399 | Extraction and ultra-performance liquid chromatography of hydrophilic and lipophilic bioactive components in a Chinese herb Radix <i>Salviae Miltiorrhizae</i> . <i>Journal of Chromatography A</i> , <b>2007</b> , 1157, 51-5  | 4.5 | 66 |
| 398 | Baicalein and baicalin alleviate acetaminophen-induced liver injury by activating Nrf2 antioxidative pathway: The involvement of ERK1/2 and PKC. <i>Biochemical Pharmacology</i> , <b>2018</b> , 150, 9-23  | 6   | 65 |
| 397 | Kaempferol as a flavonoid induces osteoblastic differentiation via estrogen receptor signaling. <i>Chinese Medicine</i> , <b>2012</b> , 7, 10   | 4.7 | 63 |
| 396 | Notoginsenoside Ft <sub>1</sub> promotes angiogenesis via HIF-1 $\beta$ mediated VEGF secretion and the regulation of PI3K/AKT and Raf/MEK/ERK signaling pathways. <i>Biochemical Pharmacology</i> , <b>2012</b> , 84, 784-92   | 6   | 63 |
| 395 | Characterization of fifty-one flavonoids in a Chinese herbal prescription Longdan Xiegan Decoction by high-performance liquid chromatography coupled to electrospray ionization tandem mass spectrometry and photodiode array detection. <i>Rapid Communications in Mass Spectrometry</i> , <b>2008</b> , 22, 1767-78 | 2.2 | 63 |
| 394 | Alleviation of gut inflammation by Cdx2/Pxr pathway in a mouse model of chemical colitis. <i>PLoS ONE</i> , <b>2012</b> , 7, e36075   | 3.7 | 62 |

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| 393 | Plant flavonol isorhamnetin attenuates chemically induced inflammatory bowel disease via a PXR-dependent pathway. <i>Journal of Nutritional Biochemistry</i> , <b>2014</b> , 25, 923-33  | 6.3 | 60 |
| 392 | Chromatographic fingerprinting analysis of Danshen root ( <i>Salvia miltiorrhiza</i> Radix et Rhizoma) and its preparations using high performance liquid chromatography with diode array detection and electrospray mass spectrometry (HPLC-DAD-ESI/MS). <i>Journal of Separation Science</i> , <b>2007</b> , 30, 2256-67 | 3.4 | 59 |
| 391 | Baicalein ameliorates TNBS-induced colitis by suppressing TLR4/MyD88 signaling cascade and NLRP3 inflammasome activation in mice. <i>Scientific Reports</i> , <b>2017</b> , 7, 16374   | 4.9 | 56 |
| 390 | Antitumor activity of <i>Dioscorea bulbifera</i> L. rhizome in vivo. <i>Fitoterapia</i> <b>2012</b> , 83, 388-94   | 3.2 | 56 |
| 389 | Notoginsenoside R1 attenuates experimental inflammatory bowel disease via pregnane X receptor activation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2015</b> , 352, 315-24   | 4.7 | 55 |
| 388 | A flavonol glycoside, isolated from roots of <i>Panax notoginseng</i> , reduces amyloid-beta-induced neurotoxicity in cultured neurons: signaling transduction and drug development for Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , <b>2010</b> , 19, 795-811   | 4.3 | 54 |
| 387 | TLC bioautography-guided isolation of antioxidants from fruit of <i>Perilla frutescens</i> var. <i>acuta</i> . <i>LWT - Food Science and Technology</i> , <b>2009</b> , 42, 131-136  | 5.4 | 54 |
| 386 | Synergistic effects of the combination of galangin with gentamicin against methicillin-resistant <i>Staphylococcus aureus</i> . <i>Journal of Microbiology</i> , <b>2008</b> , 46, 283-8   | 3   | 54 |
| 385 | Treatment with total alkaloids from <i>Radix Linderae</i> reduces inflammation and joint destruction in type II collagen-induced model for rheumatoid arthritis. <i>Journal of Ethnopharmacology</i> , <b>2007</b> , 111, 322-8 <sup>5</sup>   |     | 54 |
| 384 | Erianin inhibits high glucose-induced retinal angiogenesis via blocking ERK1/2-regulated HIF-1 $\beta$ -VEGF/VEGFR2 signaling pathway. <i>Scientific Reports</i> , <b>2016</b> , 6, 34306  | 4.9 | 53 |
| 383 | Emodin improves lipid and glucose metabolism in high fat diet-induced obese mice through regulating SREBP pathway. <i>European Journal of Pharmacology</i> , <b>2016</b> , 770, 99-109   | 5.3 | 53 |
| 382 | Astragaloside IV attenuates experimental autoimmune encephalomyelitis of mice by counteracting oxidative stress at multiple levels. <i>PLoS ONE</i> , <b>2013</b> , 8, e76495  | 3.7 | 53 |
| 381 | Anti-Inflammatory Effects of Scopoletin and Underlying Mechanisms. <i>Pharmaceutical Biology</i> , <b>2008</b> , 46, 854-860   | 3.8 | 53 |
| 380 | HPLC fingerprints combined with principal component analysis, hierarchical cluster analysis and linear discriminant analysis for the classification and differentiation of <i>Peganum</i> sp. indigenous to China. <i>Phytochemical Analysis</i> , <b>2010</b> , 21, 279-89  | 3.4 | 51 |
| 379 | Preparation of andrographolide-loaded solid lipid nanoparticles and their in vitro and in vivo evaluations: characteristics, release, absorption, transports, pharmacokinetics, and antihyperlipidemic activity. <i>Journal of Pharmaceutical Sciences</i> , <b>2013</b> , 102, 4414-25                                    | 3.9 | 50 |
| 378 | Andrographolide ameliorates diabetic retinopathy by inhibiting retinal angiogenesis and inflammation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2015</b> , 1850, 824-31   | 4   | 50 |
| 377 | Acetylcholinesterase and Butyrylcholinesterase Inhibitory Activities of Carboline and Quinoline Alkaloids Derivatives from the Plants of Genus <i>Peganum</i> . <i>Journal of Chemistry</i> , <b>2013</b> , 2013, 1-6  | 2.3 | 50 |
| 376 | Differentiation of <i>Dendrobium</i> species used as "Huangcao Shihu" by rDNA ITS sequence analysis. <i>Planta Medica</i> , <b>2006</b> , 72, 89-92  | 3.1 | 50 |

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| 375 | Andrographolide inhibits human hepatoma-derived Hep3B cell growth through the activation of c-Jun N-terminal kinase. <i>Planta Medica</i> , <b>2007</b> , 73, 1397-401   | 3.1  | 50 |
| 374 | Targeting the human genome-microbiome axis for drug discovery: inspirations from global systems biology and traditional Chinese medicine. <i>Journal of Proteome Research</i> , <b>2012</b> , 11, 3509-19  | 5.6  | 49 |
| 373 | Inhibition of Drp1 protects against senecionine-induced mitochondria-mediated apoptosis in primary hepatocytes and in mice. <i>Redox Biology</i> , <b>2017</b> , 12, 264-273   | 11.3 | 47 |
| 372 | Identification of metabolites of geniposide in rat urine using ultra-performance liquid chromatography combined with electrospray ionization quadrupole time-of-flight tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2011</b> , 25, 3339-50  | 2.2  | 47 |
| 371 | Comparative pharmacokinetic study of paeoniflorin after oral administration of decoction of Radix Paeoniae Rubra and Radix Paeoniae Alba in rats. <i>Journal of Ethnopharmacology</i> , <b>2008</b> , 117, 467-72  | 5    | 47 |
| 370 | Andrograpanin, isolated from <i>Andrographis paniculata</i> , exhibits anti-inflammatory property in lipopolysaccharide-induced macrophage cells through down-regulating the p38 MAPKs signaling pathways. <i>International Immunopharmacology</i> , <b>2008</b> , 8, 951-8  | 5.8  | 47 |
| 369 | Inhibition of human liver cytochrome P450 by star fruit juice. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , <b>2007</b> , 10, 496-503  | 3.4  | 46 |
| 368 | Diterpenoids and phenylethanoid glycosides from the roots of <i>Clerodendrum bungei</i> and their inhibitory effects against angiotensin converting enzyme and $\beta$ -glucosidase. <i>Phytochemistry</i> , <b>2014</b> , 103, 196-202  | 4    | 45 |
| 367 | Evodiamine, a dual catalytic inhibitor of type I and II topoisomerases, exhibits enhanced inhibition against camptothecin resistant cells. <i>Phytomedicine</i> , <b>2012</b> , 19, 618-24   | 6.5  | 45 |
| 366 | Gender-related difference in liver injury induced by <i>Dioscorea bulbifera</i> L. rhizome in mice. <i>Human and Experimental Toxicology</i> , <b>2011</b> , 30, 1333-41   | 3.4  | 45 |
| 365 | Involvement of Bcl-xL degradation and mitochondrial-mediated apoptotic pathway in pyrrolizidine alkaloids-induced apoptosis in hepatocytes. <i>Toxicology and Applied Pharmacology</i> , <b>2008</b> , 231, 393-400  | 4.6  | 45 |
| 364 | Biological fingerprinting analysis of the traditional Chinese prescription Longdan Xiegan Decoction by on/off-line comprehensive two-dimensional biochromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2007</b> , 860, 185-94                                    | 3.2  | 45 |
| 363 | Identification of acteoside and its major metabolites in rat urine by ultra-performance liquid chromatography combined with electrospray ionization quadrupole time-of-flight tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2013</b> , 940, 77-85 | 3.2  | 44 |
| 362 | In vivo and in vitro anti-inflammatory activities of neoandrographolide. <i>The American Journal of Chinese Medicine</i> , <b>2007</b> , 35, 317-28  | 6    | 44 |
| 361 | Hypouricemic action of scopoletin arising from xanthine oxidase inhibition and uricosuric activity. <i>Planta Medica</i> , <b>2005</b> , 71, 183-5   | 3.1  | 44 |
| 360 | Potent AChE and BChE inhibitors isolated from seeds of <i>Peganum harmala</i> Linn by a bioassay-guided fractionation. <i>Journal of Ethnopharmacology</i> , <b>2015</b> , 168, 279-86   | 5    | 42 |
| 359 | Natural product andrographolide alleviated APAP-induced liver fibrosis by activating Nrf2 antioxidant pathway. <i>Toxicology</i> , <b>2018</b> , 396-397, 1-12   | 4.4  | 42 |
| 358 | Evaluation of the protective effect of Rhei Radix et Rhizoma against $\beta$ -naphthylisothiocyanate induced liver injury based on metabolic profile of bile acids. <i>Journal of Ethnopharmacology</i> , <b>2012</b> , 144, 599-604   | 5    | 42 |

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|-----|---|-----|----|
| 357 | Metabolic pathways of the psychotropic-carboline alkaloids, harmaline and harmine, by liquid chromatography/mass spectrometry and NMR spectroscopy. <i>Food Chemistry</i> , <b>2012</b> , 134, 1096-105   | 8.5 | 42 |
| 356 | A novel strategy for target profiling analysis of bioactive phenylethanoid glycosides in <i>Plantago</i> medicinal plants using ultra-performance liquid chromatography coupled with tandem quadrupole mass spectrometry. <i>Journal of Separation Science</i> , <b>2012</b> , 35, 1470-8 | 3.4 | 41 |
| 355 | Sesquiterpenes and alkaloids from <i>Lindera chunii</i> and their inhibitory activities against HIV-1 integrase. <i>Chemical and Pharmaceutical Bulletin</i> , <b>2002</b> , 50, 1195-200   | 1.9 | 41 |
| 354 | Protective mechanisms of N-acetyl-cysteine against pyrrolizidine alkaloid clivorine-induced hepatotoxicity. <i>Journal of Cellular Biochemistry</i> , <b>2009</b> , 108, 424-32   | 4.7 | 39 |
| 353 | Modafinil protects hippocampal neurons by suppressing excessive autophagy and apoptosis in mice with sleep deprivation. <i>British Journal of Pharmacology</i> , <b>2019</b> , 176, 1282-1297   | 8.6 | 39 |
| 352 | $^1\text{H-NMR}$ and MS based metabolomics study of the intervention effect of curcumin on hyperlipidemia mice induced by high-fat diet. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120950   | 3.7 | 38 |
| 351 | Effects of $\beta$ -glucosidase hydrolyzed products of harpagide and harpagoside on cyclooxygenase-2 (COX-2) in vitro. <i>Bioorganic and Medicinal Chemistry</i> , <b>2011</b> , 19, 4882-6   | 3.4 | 38 |
| 350 | The gender-dependent difference of liver GSH antioxidant system in mice and its influence on isoleucine-induced liver injury. <i>Toxicology</i> , <b>2011</b> , 280, 61-9   | 4.4 | 38 |
| 349 | Steroidal sapogenins and glycosides from the rhizomes of <i>Dioscorea bulbifera</i> . <i>Journal of Natural Products</i> , <b>2009</b> , 72, 1964-8   | 4.9 | 38 |
| 348 | Norclerodane diterpenoids from rhizomes of <i>Dioscorea bulbifera</i> . <i>Phytochemistry</i> , <b>2010</b> , 71, 1174-80   | 4   | 38 |
| 347 | Inhibitory effects of neoandrographolide on nitric oxide and prostaglandin E2 production in LPS-stimulated murine macrophage. <i>Molecular and Cellular Biochemistry</i> , <b>2007</b> , 298, 49-57   | 4.2 | 38 |
| 346 | Differentiation of the root of Cultivated Ginseng, Mountain Cultivated Ginseng and Mountain Wild Ginseng using FT-IR and two-dimensional correlation IR spectroscopy. <i>Journal of Molecular Structure</i> , <b>2008</b> , 883-884, 228-235  | 3.4 | 38 |
| 345 | Quality evaluation of <i>Platycladus orientalis</i> (L.) Franco through simultaneous determination of four bioactive flavonoids by high-performance liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2006</b> , 41, 1186-90                           | 3.5 | 38 |
| 344 | Authentication of stems of <i>Dendrobium officinale</i> by rDNA ITS region sequences. <i>Planta Medica</i> , <b>2002</b> , 68, 191-2  | 3.1 | 38 |
| 343 | Norisoboldine suppresses osteoclast differentiation through preventing the accumulation of TRAF6-TAK1 complexes and activation of MAPKs/NF- $\kappa$ B/c-Fos/NFATc1 Pathways. <i>PLoS ONE</i> , <b>2013</b> , 8, e59171   | 3.7 | 37 |
| 342 | Antitussive, expectorant, and bronchodilating effects of quinazoline alkaloids ( $\beta$ )-vasicine, deoxyvasicine, and ( $\beta$ )-vasicinone from aerial parts of <i>Peganum harmala</i> L. <i>Phytomedicine</i> , <b>2015</b> , 22, 1088-95  | 6.5 | 36 |
| 341 | Target profiling analyses of bile acids in the evaluation of hepatoprotective effect of gentiopicroside on ANIT-induced cholestatic liver injury in mice. <i>Journal of Ethnopharmacology</i> , <b>2016</b> , 194, 63-71  | 5   | 36 |
| 340 | Notoginsenoside Ft1 Promotes Fibroblast Proliferation via PI3K/Akt/mTOR Signaling Pathway and Benefits Wound Healing in Genetically Diabetic Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2016</b> , 356, 324-32   | 4.7 | 36 |

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| 339 | Andrographolide inhibits tumor angiogenesis via blocking VEGFA/VEGFR2-MAPKs signaling cascade. <i>Chemico-Biological Interactions</i> , <b>2014</b> , 218, 99-106  | 5    | 36 |
| 338 | Preparation and characterization of inclusion complexes formed between baicalein and cyclodextrins. <i>Carbohydrate Polymers</i> , <b>2013</b> , 95, 733-9   | 10.3 | 36 |
| 337 | New alkaloids from Capparis spinosa: Structure and X-ray crystallographic analysis. <i>Food Chemistry</i> , <b>2010</b> , 123, 705-710   | 8.5  | 36 |
| 336 | Dendrobium chrysotoxum Lindl. alleviates diabetic retinopathy by preventing retinal inflammation and tight junction protein decrease. <i>Journal of Diabetes Research</i> , <b>2015</b> , 2015, 518317   | 3.9  | 35 |
| 335 | Andrographolide prevents high-fat diet-induced obesity in C57BL/6 mice by suppressing the sterol regulatory element-binding protein pathway. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2014</b> , 351, 474-83  | 4.7  | 35 |
| 334 | Andrograpanin, a compound isolated from anti-inflammatory traditional Chinese medicine <i>Andrographis paniculata</i> , enhances chemokine SDF-1 $\alpha$ -induced leukocytes chemotaxis. <i>Journal of Cellular Biochemistry</i> , <b>2005</b> , 95, 970-8  | 4.7  | 35 |
| 333 | Bioactive diterpenoids and flavonoids from the aerial parts of <i>Scoparia dulcis</i> . <i>Journal of Natural Products</i> , <b>2014</b> , 77, 1594-600  | 4.9  | 34 |
| 332 | Diosbulbin B-induced liver injury in mice and its mechanism. <i>Human and Experimental Toxicology</i> , <b>2014</b> , 33, 729-36   | 3.4  | 34 |
| 331 | Phenolic compounds from the rhizomes of <i>Dioscorea bulbifera</i> . <i>Chemistry and Biodiversity</i> , <b>2011</b> , 8, 2110-6   | 2.5  | 34 |
| 330 | Pyrrolizidine alkaloid clivorine induces apoptosis in human normal liver L-02 cells and reduces the expression of p53 protein. <i>Toxicology in Vitro</i> , <b>2005</b> , 19, 41-6   | 3.6  | 34 |
| 329 | Metabolomic and genomic evidence for compromised bile acid homeostasis by senecionine, a hepatotoxic pyrrolizidine alkaloid. <i>Chemical Research in Toxicology</i> , <b>2014</b> , 27, 775-86   | 4    | 33 |
| 328 | Hypolipidemic effects of andrographolide and neoandrographolide in mice and rats. <i>Phytotherapy Research</i> , <b>2013</b> , 27, 618-23  | 6.7  | 33 |
| 327 | Ethanol extract of <i>Dendrobium chrysotoxum</i> Lindl ameliorates diabetic retinopathy and its mechanism. <i>Vascular Pharmacology</i> , <b>2014</b> , 62, 134-42   | 5.9  | 33 |
| 326 | Scutellarin protects against the liver injury induced by diosbulbin B in mice and its mechanism. <i>Journal of Ethnopharmacology</i> , <b>2015</b> , 164, 301-8  | 5    | 32 |
| 325 | Characterization and quantification of monoterpenoids in different types of peony root and the related <i>Paeonia</i> species by liquid chromatography coupled with ion trap and time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2016</b> , 129, 581-592 | 3.5  | 32 |
| 324 | Astragaloside IV inhibits microglia activation via glucocorticoid receptor mediated signaling pathway. <i>Scientific Reports</i> , <b>2016</b> , 6, 19137  | 4.9  | 32 |
| 323 | Quercetin attenuates toosendanin-induced hepatotoxicity through inducing the Nrf2/GCL/GSH antioxidant signaling pathway. <i>Acta Pharmacologica Sinica</i> , <b>2019</b> , 40, 75-85   | 8    | 32 |
| 322 | Norisoboldine inhibits the production of pro-inflammatory cytokines in lipopolysaccharide-stimulated RAW 264.7 cells by down-regulating the activation of MAPKs but not NF- $\kappa$ B. <i>Inflammation</i> , <b>2010</b> , 33, 389-97   | 5.1  | 32 |

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| 321 | Bioguided isolation of angiotensin-converting enzyme inhibitors from the seeds of <i>Plantago asiatica</i> L. <i>Phytotherapy Research</i> , <b>2010</b> , 24, 1088-94   | 6.7 | 32 |
| 320 | Inflammatory Bowel Disease: A Potential Result from the Collusion between Gut Microbiota and Mucosal Immune System. <i>Microorganisms</i> , <b>2019</b> , 7,   | 4.9 | 31 |
| 319 | Metabolites identification of harmine in vitro/in vivo in rats by ultra-performance liquid chromatography combined with electrospray ionization quadrupole time-of-flight tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2014</b> , 92, 53-62 | 3.5 | 31 |
| 318 | All-trans retinoic acid regulates hepatic bile acid homeostasis. <i>Biochemical Pharmacology</i> , <b>2014</b> , 91, 483-9   |     | 31 |
| 317 | Therapeutic detoxification of quercetin against carbon tetrachloride-induced acute liver injury in mice and its mechanism. <i>Journal of Zhejiang University: Science B</i> , <b>2014</b> , 15, 1039-47  | 4.5 | 31 |
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