# Xu Shen

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 50 papers | 787 citations | 15 h-index | 26 g-index |
| 56 ext. papers | 1,035 ext. citations | 6.5 avg, IF | 3.65 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 50 | Ophiopogonin B alleviates cisplatin resistance of lung cancer cells by inducing Caspase-1/GSDMD dependent pyroptosis.. *Journal of Cancer*, **2022**, 13, 715-727 | 4.5 | 1 |
| 49 | Ipriflavone as a non-steroidal glucocorticoid receptor antagonist ameliorates diabetic cognitive impairment in mice.. *Aging Cell*, **2022**, e13572 | 9.9 | 1 |
| 48 | Dichotomy of platinum(II) and gold(III) carbene intermediates switching from N- to O-selectivity.. *Nature Communications*, **2022**, 13, 1672 | 17.4 | 2 |
| 47 | Antiallergic drug desloratadine as a selective antagonist of 5HT receptor ameliorates pathology of Alzheimer's disease model mice by improving microglial dysfunction. *Aging Cell*, **2021**, 20, e13286 | 9.9 | 7 |
| 46 | Synergistic photothermal cancer immunotherapy by Cas9 ribonucleoprotein-based copper sulfide nanotherapeutic platform targeting PTPN2. *Biomaterials*, **2021**, 279, 121233 | 15.6 | 9 |
| 45 | Mebhydrolin ameliorates glucose homeostasis in type 2 diabetic mice by functioning as a selective FXR antagonist. *Metabolism: Clinical and Experimental*, **2021**, 119, 154771 | 12.7 | 3 |
| 44 | Meranzin hydrate elicits antidepressant effects and restores reward circuitry. *Behavioural Brain Research*, **2021**, 398, 112898 | 3.4 | 3 |
| 43 | Synergistic Network Pharmacology for Traditional Chinese Medicine Liangxue Tongyu Formula in Acute Intracerebral Hemorrhagic Stroke. *Neural Plasticity*, **2021**, 2021, 8874296 | 3.3 | 1 |
| 42 | Protein Nanoparticle-Related Osmotic Pressure Modifies Nonselective Permeability of the Blood-Brain Barrier by Increasing Membrane Fluidity. *International Journal of Nanomedicine*, **2021**, 16, 1663-1680 | 7.3 | 5 |
| 41 | Aryl Hydrocarbon Receptor Deficiency in Intestinal Epithelial Cells Aggravates Alcohol-Related Liver Disease. *Cellular and Molecular Gastroenterology and Hepatology*, **2021**, 13, 233-256 | 7.9 | 2 |
| 40 | NRXN1 is associated with increased excitability in ASD iPSC-derived neurons. *BMC Neuroscience*, **2021**, 22, 56 | 3.2 | 2 |
| 39 | Free-Radical-Promoted Dehydrogenative Coupling of Polyfluorinated Alcohol with Quinone, Chromone, and Coumarin. *Organic Letters*, **2020**, 22, 4844-4847 | 6.2 | 13 |
| 38 | Genome-wide analysis reveals molecular convergence underlying domestication in 7 bird and mammals. *BMC Genomics*, **2020**, 21, 204 | 4.5 | 5 |
| 37 | DW14006 as a Direct AMPK Activator Ameliorates Diabetic Peripheral Neuropathy in Mice. *Diabetes*, **2020**, 69, 1974-1988 | 0.9 | 2 |
| 36 | FX5 as a non-steroidal GR antagonist improved glucose homeostasis in type 2 diabetic mice via GR/HNF4 /miR-122-5p pathway. *Aging*, **2020**, 13, 2436-2458 | 5.6 | 1 |
| 35 | Design, synthesis and biological evaluation of vincamine derivatives as potential pancreatic cells protective agents for the treatment of type 2 diabetes mellitus. *European Journal of Medicinal Chemistry*, **2020**, 188, 111976 | 6.8 | 12 |
| 34 | Antispasmodic Drug Drofenine as an Inhibitor of Kv2.1 Channel Ameliorates Peripheral Neuropathy in Diabetic Mice. *IScience*, **2020**, 23, 101617 | 6.1 | 2 |

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| 33 | DW14006 as a direct AMPK activator improves pathology of AD model mice by regulating microglial phagocytosis and neuroinflammation. *Brain, Behavior, and Immunity*, **2020**, 90, 55-69 | 16.6 | 4 |
| 32 | SP6616 as a Kv2.1 inhibitor efficiently ameliorates peripheral neuropathy in diabetic mice. *EBioMedicine*, **2020**, 61, 103061 | 8.8 | 3 |
| 31 | Pharmacokinetic study of precisely representative antidepressant, prokinetic, anti-inflammatory and anti-oxidative compounds from Fructus aurantii and Magnolia Bark. *Chemico-Biological Interactions*, **2020**, 315, 108851 | 5 | 6 |
| 30 | Discovery of nitazoxanide-based derivatives as autophagy activators for the treatment of Alzheimer's disease. *Acta Pharmaceutica Sinica B*, **2020**, 10, 646-666 | 15.5 | 8 |
| 29 | Simultaneous quantification of nine components in the plasma of depressed rats after oral administration of Chaihu-Shugan-San by ultra-performance liquid chromatography/quadrupole-time-of-flight mass spectrometry and its application to pharmacokinetic studies. *Journal of Pharmaceutical and Biomedical Analysis*, **2020**, 186, 113310 | 3.5 | 4 |
| 28 | Nitazoxanide, an anti-parasitic drug, efficiently ameliorates learning and memory impairments in AD model mice. *Acta Pharmacologica Sinica*, **2019**, 40, 1279-1291 | 8 | 18 |
| 27 | Adolescent cocaine exposure enhances the GABAergic transmission in the prelimbic cortex of adult mice. *FASEB Journal*, **2019**, 33, 8614-8622 | 0.9 | 9 |
| 26 | Small molecule IVQ, as a prodrug of gluconeogenesis inhibitor QVO, efficiently ameliorates glucose homeostasis in type 2 diabetic mice. *Acta Pharmacologica Sinica*, **2019**, 40, 1193-1204 | 8 | 6 |
| 25 | TGF-/p65/MAT2A pathway regulates liver fibrogenesis via intracellular SAM. *EBioMedicine*, **2019**, 42, 458-469 | 8.8 | 18 |
| 24 | Brucine alleviates neuropathic pain in mice via reducing the current of the sodium channel. *Journal of Ethnopharmacology*, **2019**, 233, 56-63 | 5 | 11 |
| 23 | Vector Analysis of Cytoskeletal Structural Tension and the Mechanisms that Underpin Spectrin-Related Forces in Pyroptosis. *Antioxidants and Redox Signaling*, **2019**, 30, 1503-1520 | 8.4 | 8 |
| 22 | TSPA as a novel ATF6 translocation inducer efficiently ameliorates insulin sensitivity restoration and glucose homeostasis in db/db mice. *Biochemical and Biophysical Research Communications*, **2018**, 499, 948-953 | 3.4 | 2 |
| 21 | Design, synthesis and biological evaluation of LX2343 derivatives as neuroprotective agents for the treatment of Alzheimer's disease. *European Journal of Medicinal Chemistry*, **2018**, 145, 622-633 | 6.8 | 5 |
| 20 | Discovery and structure-activity relationships study of thieno[2,3-b]pyridine analogues as hepatic gluconeogenesis inhibitors. *European Journal of Medicinal Chemistry*, **2018**, 152, 307-317 | 6.8 | 20 |
| 19 | HS218 as an FXR antagonist suppresses gluconeogenesis by inhibiting FXR binding to PGC-1 promoter. *Metabolism: Clinical and Experimental*, **2018**, 85, 126-138 | 12.7 | 12 |
| 18 | Protopanaxadiol derivative DDPU improves behavior and cognitive deficit in AD mice involving regulation of both ER stress and autophagy. *Neuropharmacology*, **2018**, 130, 77-91 | 5.5 | 22 |
| 17 | DMT efficiently inhibits hepatic gluconeogenesis by regulating the G signaling pathway. *Journal of Molecular Endocrinology*, **2017**, 59, 151-169 | 4.5 | 8 |
| 16 | Allosteric inhibitor remotely modulates the conformation of the orthestric pockets in mutant IDH2/R140Q. *Scientific Reports*, **2017**, 7, 16458 | 4.9 | 12 |

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| 15 | LX2343 alleviates cognitive impairments in AD model rats by inhibiting oxidative stress-induced neuronal apoptosis and tauopathy. *Acta Pharmacologica Sinica*, **2017**, 38, 1104-1119 | 8 | 22 |
| 14 | Structural Basis for Small Molecule NDB (N-Benzyl-N-(3-(tert-butyl)-4-hydroxyphenyl)-2,6-dichloro-4-(dimethylamino) Benzamide) as a Selective Antagonist of Farnesoid X Receptor (FXR) in Stabilizing the Homodimerization of the Receptor. *Journal of Biological Chemistry*, **2015**, 290, 19888-99 | 5.4 | 34 |
| 13 | BBT improves glucose homeostasis by ameliorating cell dysfunction in type 2 diabetic mice. *Journal of Endocrinology*, **2015**, 224, 327-41 | 4.7 | 13 |
| 12 | Discovery and SAR study of 3-(tert-butyl)-4-hydroxyphenyl benzoate and benzamide derivatives as novel farnesoid X receptor (FXR) antagonists. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 6427-36 | 3.4 | 6 |
| 11 | Discovery and SAR study of hydroxyacetophenone derivatives as potent, non-steroidal farnesoid X receptor (FXR) antagonists. *Bioorganic and Medicinal Chemistry*, **2014**, 22, 1596-607 | 3.4 | 15 |
| 10 | Arctigenin effectively ameliorates memory impairment in Alzheimer's disease model mice targeting both amyloid production and clearance. *Journal of Neuroscience*, **2013**, 33, 13138-49 | 6.6 | 150 |
| 9 | Latanoprost effectively ameliorates glucose and lipid disorders in db/db and ob/ob mice. *Diabetologia*, **2013**, 56, 2702-12 | 10.3 | 9 |
| 8 | Identification of 15d-PGJ2 as an antagonist of farnesoid X receptor: molecular modeling with biological evaluation. *Steroids*, **2013**, 78, 813-22 | 2.8 | 16 |
| 7 | Discovery and optimization of 1,3,4-trisubstituted-pyrazolone derivatives as novel, potent, and nonsteroidal farnesoid X receptor (FXR) selective antagonists. *Journal of Medicinal Chemistry*, **2012**, 55, 7037-53 | 8.3 | 50 |
| 6 | Activating transcription factor 6 protects insulin receptor from ER stress-stimulated desensitization via p42/44 ERK pathway. *Acta Pharmacologica Sinica*, **2011**, 32, 1138-47 | 8 | 12 |
| 5 | Arctigenin efficiently enhanced sedentary mice treadmill endurance. *PLoS ONE*, **2011**, 6, e24224 | 3.7 | 28 |
| 4 | 2,2$4Strihydroxychalcone from Glycyrrhiza glabra as a new specific BACE1 inhibitor efficiently ameliorates memory impairment in mice. *Journal of Neurochemistry*, **2010**, 114, 374-85 | 6 | 43 |
| 3 | Danshen extract 15,16-dihydrotanshinone I functions as a potential modulator against metabolic syndrome through multi-target pathways. *Journal of Steroid Biochemistry and Molecular Biology*, **2010**, 120, 155-63 | 5.1 | 31 |
| 2 | Crystal structures of 7-methylguanosine 5?-triphosphate (m7GTP)- and P1-7-methylguanosine-P3-adenosine-5?,5?-triphosphate (m7GpppA)-bound human full-length eukaryotic initiation factor 4E: biological importance of the C-terminal flexible region. *Biochemical* | 3.8 | 90 |
| 1 | Structural and thermodynamic behavior of eukaryotic initiation factor 4E in supramolecular formation with 4E-binding protein 1 and mRNA cap analogue, studied by spectroscopic methods. *Chemical and Pharmaceutical Bulletin*, **2001**, 49, 1299-303 | 1.9 | 21 |