

Published papers (2022)

: 4 15%

Note: Publication with impact factor of more than 4 or subjects ranked less than 15%

_____ vaccine hydrogel for breast cancer immunotherapy

Mannosylated engineered trichosanthin-legumain protein

_____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____
_____ **Suppression of PD-L1 release from small extracellular vesicles
promotes systemic anti-tumor immunity by targeting ORAI1 calcium channels**

_____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____
_____ **A novel long noncoding RNA AC092718.4 as a prognostic biomarker and promotes
lung adenocarcinoma progression**

_____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____
_____ **Investigating the dynamic binding behavior of PMX₅₃ cooperating with allosteric antagonist NDT₉₅₁₃₇₂₇ to C_{5a}
Anaphylatoxin chemotactic receptor 1 through Gaussian accelerated molecular dynamics and free-energy Perturbation simulations**

_____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____
_____ **Development and validation of a UPLC-MS/MS method for the quantification of
components in the ancient classical Chinese medicine formula of Guyinjian**

_____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____
_____ **Evaluation of the pharmacological effects and exploration of the mechanism of traditional Chinese
medicine preparation Ciwujia tablets in treating insomnia based on ethology, energy metabolism, and urine metabolomic approaches**

_____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____
_____ **Dysfunction of CCR1+ decidual macrophages is a potential risk factor in the occurrence of unexplained recurrent pregnancy
loss**

_____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____
_____ **Effect of dietary inflammatory potential on the aging acceleration for cardiometabolic disease: A population-based
study**

_____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____
_____ **Exploring new catechin derivatives as SARS-CoV-2 M^{Pro} inhibitors from tea by molecular networking,
surface plasma resonance, enzyme inhibition, induced fit docking, and metadynamics simulations**

_____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____
_____ **Explore the mechanism and substance basis of Mahuang Fuzi Xixin decoction for the treatment of
lung cancer based on network pharmacology and molecular docking**

_____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____
_____ **Carboxyl-containing compounds in food: Category, functions, and analysis with chemical
derivatization-based LC**

_____ Efficient monitoring for the nutrient changes in stir-fried Moutan Cortex using non-destructive near-infrared spectroscopy sensors

_____ Tanshinone IIA suppresses non-small cell lung cancer through Beclin-1-mediated autophagic apoptosis

_____ Endoplasmic reticulum stress in metabolic disorders: Opposite roles of phytochemicals and food contaminants

_____ Food-polysaccharide utilization via in vitro fermentation: Microbiota, structure, and function

_____ Mechanism and application of fermentation to remove beany flavor from plant-based meat analogs: A mini review

_____ Kaempferol suppression of acute colitis is regulated by the efflux transporters BCRP and MRP₂

_____ Identification and experimental validation of a tumor-infiltrating lymphocytes-related long noncoding RNA signature for prognosis of clear cell renal cell carcinoma

_____ Circadian gene *Rev-erba* influenced by sleep conduces to pregnancy by promoting endometrial decidualization via IL-6-PRC/EBPβ axis

_____ Progress on Denosumab use in giant cell tumor of bone: Dose and duration of therapy

_____ Dysbiosis: The first hit for digestive system cancer

_____ The glucotoxicity protecting effect of Honokiol in human hepatocytes via directly activating AMPK

_____ Citri reticulatae semen extract promotes healthy aging and neuroprotection via autophagy induction in *Caenorhabditis elegans*

_____ Emerging pharmaceutical therapeutics and delivery technologies for osteoarthritis therapy

_____ Antibiotic resistant bacteria: A bibliometric review of literature

_____ Bioactivity guided isolation and identification of phenolic compounds from *Citrus aurantium* L. with anti-colorectal cancer cells activity by UHPLC-Q-TOF/MS

_____ Colon cancer exosome-derived biomimetic nanoplatfrom for curcumin-mediated sonodynamic therapy and calcium overload

Nutritional intervention for diabetes mellitus with Alzheimer's disease

M cells of mouse and human Peyer's patches mediate the lymphatic absorption of an Astragalus hyperbranched heteroglycan

FDRdb: A manually curated database of fibrotic disease-associated RNAome and high-throughput datasets

Case report: Acute Talaromyces marneffei mediastinitis in an HIV-negative patient

In silico study of the acquired resistance caused by the secondary mutations of KRAS G12C protein using long time molecular dynamics simulation and Markov state model analysis

Uncovering the mechanisms of active components from toad venom against hepatocellular carcinoma using untargeted metabolomics

PA-MSHA induces inflamed tumor microenvironment and sensitizes tumor to anti-PD-1 therapy

Study on anthocyanins from Lycium ruthenicum Murr via ultrasonic microwave synergistic extraction and its antioxidant properties

Deficiency of exchange protein directly activated by cAMP (EPAC)-1 in mice augments glucose intolerance, inflammation, and gut dysbiosis associated with Western diet

Structural mechanisms for the activation of human cardiac KCNQ1 channel by electro-mechanical coupling enhancers

Mitochondrial toxicity evaluation of traditional Chinese medicine injections with a dual in vitro approach

IKK β increases neuropilin-2 and promotes the inhibitory function of CD⁹⁺ Bregs to control allergic diseases

Hypertensive heart disease and myocardial fibrosis: How traditional Chinese medicine can help addressing unmet therapeutical needs

Artesunate promoted anti-tumor immunity and overcame EGFR-TKI resistance in non-small-cell lung cancer by enhancing oncogenic TAZ degradation

Effects of Camellia tea and herbal tea on cardiometabolic risk in patients with type 2 diabetes mellitus: A systematic review

and meta-analysis of randomized controlled trials

_____ Celastrol inhibits lung cancer growth
by triggering histone acetylation and acting synergically with HDAC inhibitors

_____ Novel insights into the role of anti-inflammatory IL-38 in immunity against infection

_____ Targeting autophagy regulation in NLRP3
inflammasome-mediated lung inflammation in COVID-19

_____ Antioxidant and anticancer

potentials of edible flowers: Where do we stand

_____ Constructing new acid-activated anticancer peptide by attaching a desirable anionic binding partner

peptide

_____ MSCs-laden injectable self-healing hydrogel for systemic sclerosis treatment

_____ Structure-based discovery and biological assays of a novel PRMT₅ inhibitor for non-small cell lung cancer

_____ Comprehensive analysis of Pterostilbene metabolites in vivo and in vitro using a UHPLC-

Q-Exactive plus mass spectrometer with multiple data-mining methods

_____ Comparative transcriptome analysis of diurnal alterations of liver glycogen structure: A pilot study

_____ oral administration

_____ Characterization of deglycosylated metabolites of platycosides reveals their biotransformation after

_____ tacrolimus in liver transplant recipients

_____ Plasma metabolomic profiling reveals factors associated with dose-adjusted trough concentration of

_____ Influence of heat processing on the anti-inflammatory activity of fresh *Smilax glabra* based on PDE4 inhibition

_____ *Caenorhabditis elegans*

_____ The transforming growth factor beta ligand TIG-2 modulates the function of neuromuscular junction and muscle energy metabolism in

pathogenesis elucidation for diabetic retinopathy

_____ Metabolomics of various samples advancing biomarker discovery and

_____ The therapeutic potential of plant Polysaccharides in metabolic diseases

_____ **Discovery of novel anti-tumor compounds targeting PARP-1 with induction of autophagy through in silico and in vitro screening**

_____ **Cardioprotective mechanism of Leonurine against myocardial ischemia through a liver-cardiac crosstalk metabolomics study**

_____ **Natural products in drug discovery and development: Synthesis and medicinal perspective of Leonurine**
Efficacy evaluation of Buyang Huanwu d

Focus on immune checkpoint PD-1/PD-L1 pathway: New advances of polyphenol phytochemicals in tumor immunotherapy

Flavonoids regulate tumor-associated macrophages-from structure-activity relationship to clinical potential (Review)

Spatial transcriptomic profiling to identify mesoderm progenitors with precision genomic screening and functional confirmation

Synthesis and identification of lithocholic acid 3-sulfate as ROR γ ligand to inhibit Th17 cell differentiation

Identification and validation of a signature involving voltage-gated chloride ion channel genes for prediction of prostate cancer recurrence

Anoikis-associated lung cancer metastasis: Mechanisms and therapies

Identification and mechanism prediction of mulberroside A metabolites in vivo and in vitro of rats using an integrated strategy of UHPLC-Q-Exactive Plus Orbitrap MS and network pharmacology

Drug repositioning: A bibliometric analysis
Machine learning analysis of SERS fingerprinting for the rapid determination of Mycobacterium tuberculosis infection and drug resistance

Plant polysaccharides as novel biomaterials for microcapsule construction and therapeutics delivery
Discovery of the Cryptic sites of SARS-CoV-2 Papain-like protease and analysis of its druggability

Elucidation of the binding mechanism of astragaloside IV derivative with human serum albumin and its cardiotoxicity in zebrafish embryos

Akebia saponin D inhibits the inflammatory reaction by inhibiting the IL-6-STAT3-DNMT3b axis and activating the Nrf2 pathway

ChemistGA: A chemical synthesizable accessible molecular generation algorithm for real-world drug discovery

Integrated network pharmacology analysis, molecular docking, LC-MS analysis and bioassays revealed the potential active ingredients and underlying mechanism of Scutellariae radix for COVID-19

2D NMR-based MatchNat dereplication strategy enables explosive discovery of novel diterpenoid alkaloids(dagger)

A lymphatic route for a hyperbranched heteroglycan from Radix Astragali to trigger immune responses

after oral dosing

Soy protein degradation drives diversity of amino-containing compounds via *Bacillus subtilis* natto fermentation

New 11-methoxymethylgermacranolides from the whole plant of *Carpesium divaricatum*

Long-timescale simulations revealed critical non-conserved residues of Phosphodiesterases affecting selectivity of BAY60-7550

Active peptide AR-9 from *Eupolyphaga sinensis* reduces blood lipid and hepatic lipid accumulation by restoring gut flora and its metabolites in a high fat diet-induced hyperlipid

A tRNA-derived fragment of ginseng protects heart against ischemia/reperfusion injury via targeting the lncRNA MIAT/VEGFA pathway

Classification for psychiatric disorders including schizophrenia, bipolar disorder, and major depressive disorder using machine learning

Network pharmacology-based investigation and experimental validation of the mechanism of Scutellarin in the treatment of acute myeloid leukemia

Pharmacological properties, molecular mechanisms and therapeutic potential of ginsenoside Rg3 as an antioxidant and anti-inflammatory agent

Neutrophil gelatinase-associated lipocalin for predicting clinical stability in patients with community-acquired pneumonia

Dietary patterns and nutrient intake in university students of Macao: A cross-sectional study

Tumor accomplice: T cell exhaustion induced by chronic inflammation

Antimalarial and antitumour activities of the steroidal quinone-methide celastrol and its combinations with artemiside, artemisone and methylene blue

Immunomodulatory mechanisms of Mesenchymal stem cells and their potential clinical applications

Structures, biomimetic synthesis, and anti-SARS-CoV-2 activity of two pairs of enantiomeric phenylpropanoid-conjugated protoberberine alkaloids from the rhizomes of *Corydalis decumbens*

A novel multi-class classification model for schizophrenia, bipolar disorder and healthy controls using comprehensive transcriptomic data

_____ An evidence-based evaluation of Buyang Huanwu decoction for the treatment of the sequelae of stroke: A PRISMA-compliant systematic review and meta-analysis of randomized controlled trials

_____ New insights from the single-cell level: Tumor associated macrophages heterogeneity and personalized therapy

_____ Therapeutic potential of traditional Chinese medicine against atherosclerosis: Targeting trimethylamine N-oxide

_____ Cryptolepine suppresses breast adenocarcinoma via inhibition of HIF-1 mediated glycolysis

_____ Network pharmacology provides a systematic approach to understanding the treatment of ischemic heart diseases with traditional Chinese medicine

_____ Effects of Xinkeshu tablets on coronary heart disease patients combined with anxiety and depression symptoms after percutaneous coronary intervention: A meta-analysis

_____ The correlation between decreased Ornithine level and alleviation of Rheumatoid arthritis patients assessed by a randomized, placebo-controlled, double-blind clinical trial of Sinomenine

_____ Chelerythrine ameliorates rheumatoid arthritis by modulating the AMPK/mTOR/ULK-1 signaling pathway

_____ LncRNA DACH1 protects against pulmonary fibrosis by binding to SRSF1 to suppress CTNNB1 accumulation

_____ Oriented layered graphene oxide pad favoring high loading capacity and stability for high-throughput chemical screening

_____ Efficient capture and stabilization of iodine via gas-solid reaction using cyclodextrin metal-organic frameworks

_____ Exploring potential mechanism of Ciwujia tablets for insomnia by UPLC-Q-TOF-MS/MS, network pharmacology, and experimental validation

_____ Recent two-year advances in anti-dengue small-molecule inhibitors

_____ Point-of-Care blood coagulation assay based on dynamic monitoring of blood viscosity using droplet microfluidics

_____ Licochalcone B, a natural autophagic agent for alleviating oxidative stress-induced cell death in neuronal cells and *Caenorhabditis elegans* models

_____ A new method for studying the mechanism of "Feature identification based quality assessment" of traditional Chinese medicine,

taking Gastrodiae Rhizoma as an example

virus detection

_____ **Novel miniaturized fluorescence loop-mediated isothermal amplification detection system for rapid on-site**

_____ **Recent advances of IDH₁ mutant inhibitor in cancer therapy**

_____ **An analgesic peptide H-20 attenuates chronic pain via the PD-1 pathway with few adverse effects**

_____ **Glomerular cell cross talk in diabetic kidney diseases**

_____ **Hydrophobic hydrogels as internal curing agent for**

concrete: The double benefit of super high water content and excellent anti-ion permeability

_____ **(9S,13R)-12-oxo-phytodienoic acid attenuates inflammation by inhibiting mPGES-1 and modulating macrophage polarization via NF-κB and Nrf2/HO-1 pathways**

_____ **Ursolic acid enhances the antitumor effects of sorafenib associated with Mcl-1-related apoptosis and SLC7A11-dependent ferroptosis in human cancer**

_____ **Bacteria-based nanodrug for anticancer therapy**

_____ **Multifunctional nanoparticles of sinomenine hydrochloride for treat-to-target therapy of rheumatoid arthritis via modulation of proinflammatory cytokine**

_____ **Integrated analysis of single-cell and bulk RNA**

sequencing reveals pro-fibrotic PLA2G7^{high} macrophages in pulmonary fibrosis

_____ **Morroniside, a novel GATA3 binding molecule, inhibits hepatic stellate cells activation by enhancing lysosomal acid lipase expression**

_____ **Recent development of small-molecular inhibitors against Clostridioides difficile infection**

_____ **Novel treatment for refractory rheumatoid arthritis with total glucosides of paeony and nobiletin codelivered in a self-nanoemulsifying drug delivery system**

_____ **-Carboline alkaloids from the deep-sea fungus *Chaetomium sp.***

Prussian blue nanocubes decorated with Ag nanoparticles for near-infrared triggered release of bactericidal

Ag⁺, Fe²⁺, and Fe³⁺ ions

Yishen Huashi granules ameliorated the development of diabetic nephropathy by reducing the damage of glomerular filtration barrier

Cost-utility analysis of centrally inserted totally implanted access port (PORT) vs. peripherally inserted central catheter (PICC) in the oncology chemotherapy

Discoidin domain receptor 1 is a potential target correlated with tumor invasion and immune infiltration in gastric cancer

Rapid quantification of bioactive compounds in Salvia miltiorrhiza Bunge derived decoction pieces, dripping pill, injection, and tablets by polarity-switching UPLC-MS/MS

Multi-omics joint analysis reveals the mechanism of action of the traditional Chinese medicine Marsdenia tenacissima (Roxb.) Moon in the treatment of hepatocellular carcinoma

RELATION: A deep generative model for structure-based De Novo drug design

Exophilone, a tetrahydrocarbazol-1-one analogue with anti-pulmonary fibrosis activity from the deep-sea fungus Exophiala oligosperma MCCC 3A01264

The cholesterol uptake regulator PCSK9 promotes and is a therapeutic target in APC/KRAS-mutant colorectal cancer

STAT3-NAV2 axis as a new therapeutic target for rheumatoid arthritis via activating SSH1L/Cofilin-1 signaling pathway

Covalent protein modification: An unignorable factor for bisphenol A-induced hepatotoxicity

Evaluation of immune response and disease flares in metabolic-associated fatty liver disease patients following SARS-CoV-2 vaccination: A prospective cohort study

Chemo-phototherapy with Carfilzomib-Encapsulated TiN nanoshells suppressing tumor growth and lymphatic metastasis

An adaptive graph learning method for automated molecular interactions and properties predictions

Dual roles of drug or its metabolite-protein conjugate: Cutting-edge strategy of drug discovery using shotgun proteomics

of MEKK3 [HDAC4 promotes the growth and metastasis of gastric cancer via autophagic degradation](#)

cells [Phytochemicals as new therapeutic candidates simultaneously stimulate proliferation and counteract senescence of stem](#)

emergent fraud acetophenetidin in herbal tea [One-step ultra-sensitive immunochromatographic strip authenticating an](#)

macrophages in lung cancer [Natural compounds: A new perspective on targeting polarization and infiltration of tumor-associated](#)

[Targeting Clostridioides difficile: New uses for old drugs](#)

rheological properties of myofibrillar proteins based on the changes in their tertiary structure [Insight into the effect of ultrasound treatment on the](#)

detection of silver ions [Rapid sonochemical synthesis of copper nanoclusters with red fluorescence for highly sensitive](#)

cancer [Black phosphorus nanoparticles for dual therapy of non-small cell lung](#)

[Recent advances in intelligent wearable medical devices integrating biosensing and drug delivery](#)

[Author Correction: Autophagy inhibitors increase the susceptibility of KRAS-mutant human colorectal cancer cells to a combined treatment of 2-deoxy-D-glucose and lovastatin](#)

farnesylthiosalicylic acid conjugated with IR783 dye exhibits improved tumor-targeting and altered anti-breast cancer mechanisms in mice [Ras inhibitor](#)

[Curcumenol triggered ferroptosis in lung cancer cells via lncRNA H19/miR-19b-3p/FTH1 axis](#)

immunomodulation on macrophages RAW264.7 [A new polysaccharide from Caulerpa chemnitzia induces molecular shifts of](#)

[Titanium oxynitride spheres with broad plasmon resonance for solar seawater desalination](#)

mammalian milks using rapid evaporative ionization mass spectrometry combined with chemometric analysis [Real-time profiling and distinction of lipids from different](#)

_____ **Centipeda minima: An update on its phytochemistry,**

pharmacology and safety

Anti-fouling performance of hydrophobic hydrogels with unique surface hydrophobicity and nanoarchitectonics

Epigenetic regulation in cardiovascular disease: Mechanisms and advances in clinical trials

Neutrophil-biomimetic

"Nanobuffer" for remodeling the microenvironment in the infarct core and protecting neurons in the penumbra via neutralization of detrimental factors to treat ischemic stroke

Dietary supplement of *Anoectochilus roxburghii* (Wall.) Lindl.

polysaccharides ameliorates cognitive dysfunction induced by high fat diet via "Gut-Brain" axis

Identification of genes

related to 5-fluorouracil based chemotherapy for colorectal cancer

Metaomics in clinical laboratory: Potential driving force for innovative disease diagnosis

Network pharmacology and in vitro experimental verification reveal the mechanism of the Hirudin in suppressing myocardial hypertrophy

SCM-198 prevents endometriosis by reversing low autophagy of endometrial stromal cell via balancing ER α and PR signals

MS-FINDER assisted in understanding the profile of flavonoids in temporal dimension during the fermentation of

Pu-erh tea

Cordycepin inhibits triple-negative breast cancer cell migration and invasion by regulating EMT-TFs SLUG, TWIST1, SNAIL1, and ZEB1

Hyaluronic acid-functionalized Mesoporous silica nanoparticles loading simvastatin for targeted therapy of atherosclerosis

Recent advances on the function and purification of milk exosomes: A review

Breast-milk Rubidium and

other trace elements are associated with neurocognitive development in infants at age of 8 months

Synthesis of Melatonin derivatives and the neuroprotective effects on Parkinson's disease

ischemic stroke

Design and synthesis of dual EZH2/BRD4 inhibitors to target solid

tumors

Astilbin from *Smilax glabra* Roxb. alleviates high-fat

diet-induced metabolic dysfunction

Methodology improvement for network pharmacology to correct the deviation of deduced medicinal

constituents and mechanism: Xian-Ling-Gu-Bao as an example

Association of vitamin D receptor gene rs739837 polymorphism with type 2 diabetes and gestational diabetes

mellitus susceptibility: A systematic review and meta-analysis

Tumor microenvironment acidity triggers

lipid accumulation in liver cancer via SCD1 activation

Profiling of branched fatty acid esters of hydroxy fatty acids in teas and their potential sources

in fermented tea

Comprehensive evaluation of machine learning models and gene expression signatures for prostate cancer prognosis using large

population cohorts

Comparative genomics reveals insights into the divergent evolution of Astigmatic mites and

household pest adaptations

c-Myc-PD-L1 axis sustained gemcitabine-

resistance in pancreatic cancer

Notoginsenoside R1 ameliorates mitochondrial dysfunction to circumvent neuronal

energy failure in acute phase of focal cerebral ischemia

Role of macrophages in tumor progression and therapy (Review)

Andrographolide suppresses non-small-cell lung cancer progression through induction of autophagy and antitumor immune response

Far infrared irradiation suppresses experimental arthritis in rats by down-regulation of genes involved inflammatory response and autoimmunity

Design and fabrication of an integrated 3D dynamic multicellular liver-on-a-chip and its application in hepatotoxicity screening

Machine learning-based prediction method for tremors induced by Tacrolimus in the treatment of

Nephrotic syndrome

_____ Targeting mutant Kirsten rat sarcoma viral oncogene homolog in non-small cell lung cancer: Current difficulties, integrative treatments and future perspectives

_____ Transcriptomics integrated with metabolomics reveals 2-methoxy-1, 4-naphthoquinone-based carbon dots induced molecular shifts in *Penicillium italicum*

_____ YB

YB

Atomic zinc sites with hierarchical porous carbon for high-throughput chemical screening with high loading capacity and stability

Sinomenine increases the methylation level at specific GCG site in mPGES-1 promoter to facilitate its specific inhibitory effect on mPGES-1

Self-powered smart patch promotes skin nerve regeneration and sensation restoration by delivering biological-electrical signals in program

Natural Citrus flavanone 5-demethylnobiletin stimulates melanogenesis through the activation of cAMP/CREB pathway in B16F10 cells

Crucial control measures to contain China's first Delta variant outbreak

Bacterial diversity and the antimicrobial resistome in the southwestern highlands of Saudi Arabia

Arabia

Dynamic swelling performance of hydrophobic hydrogels

High-throughput screening for amyloid-beta binding natural small-molecules based on the combinational use of biolayer interferometry and UHPLC/DAD-Q/TOF-MS/MS

Ginseng polysaccharides alter the gut microbiota and kynurenine/tryptophan ratio, potentiating the antitumour effect of anti-programmed cell death 1/programmed cell death ligand 1 (anti-PD-1/PD-L1) immunotherapy

Alcohol triggered bile acid disequilibrium by suppressing BSEP to sustain hepatocellular carcinoma progression

Barriers to prescribing oral anticoagulants to inpatients aged 80 years and older with nonvalvular atrial fibrillation: A cross-sectional study

Dynamic changes of phenolic acids and antioxidant activity of Citri Reticulatae Pericarpium during aging processes

Toosendanin, a novel potent vacuolar-type H plus -translocating ATPase inhibitor, sensitizes cancer cells to chemotherapy by blocking protective autophagy

Emerging fabrication strategies of hydrogels and its applications

In situ chemical profiling and imaging of cultured and natural Cordyceps sinensis by TOF-SIMS

_____ **_____** synthesis from metabolomics analysis of diabetic retinopathy: Arginine-Creatine metabolic pathway may be a new treatment strategy for diabetic retinopathy

_____ **_____** Glycomic analysis reveals that Sialyltransferase inhibition is involved in the antiviral effects of Arbidol

_____ **_____** NMR-based metabonomics reveals the dynamic effect of electro-acupuncture on central nervous system in gastric mucosal lesions (GML) rats

_____ **_____** Biological evaluation in resistant cancer cells and study of mechanism of action of Arylviny1-1,2,4-Trioxanes

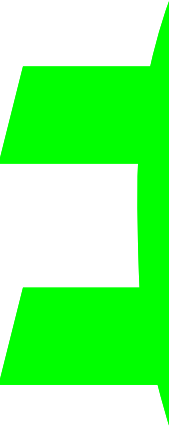
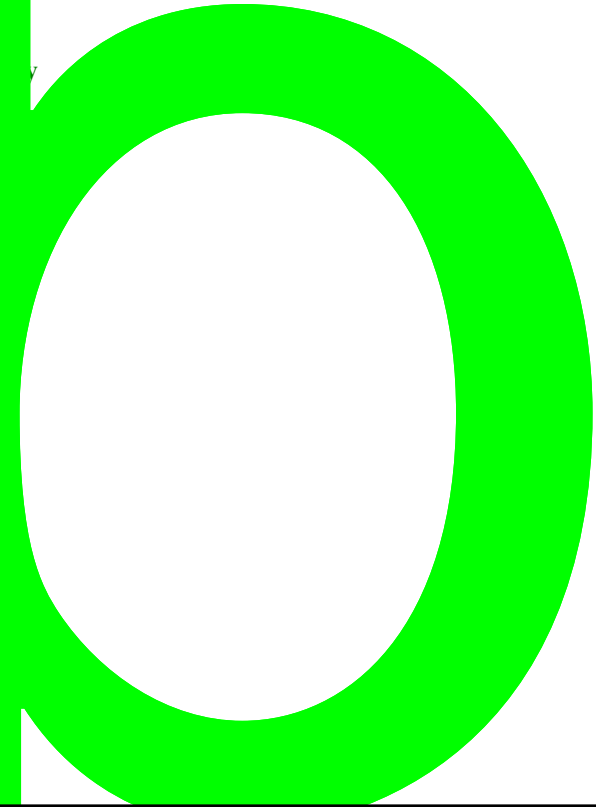
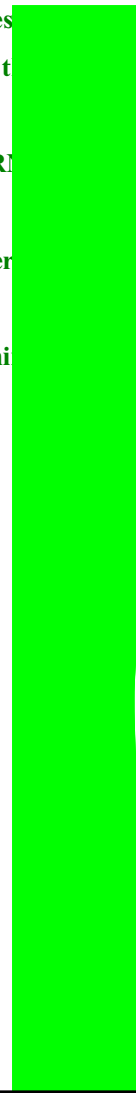
_____ **_____** The Astragaloside IV derivative LS-102 ameliorates streptozotocin-induced nephropathy

_____ **_____** Novel sequential treatment with metformin enhances the effects of cisplatin in testicular germ cell tumours via YAP1 signalling

_____ **_____** A tRNA-derived dipeptide fragment from Chinese yew suppresses ovarian cancer growth via targeting TRPA1

_____ **_____** Kaempferol inhibits histone acid signaling and gut microbiota to attenuate the tumor burden in *Apc^{Min/+}* mice

_____ **_____** Jmjd6 regulates ES cell self-renewal and enhances reprogramming efficiency



SCM-198 alleviates endometriosis by suppressing estrogen-ER α mediated differentiation and function of CD4⁺ CD25⁺ regulatory T cells

Inhibition of thioredoxin reductase by natural anticancer candidate β -lapachone accounts for triggering redox activation-mediated HL-60 cell apoptosis

Point-of-care blood coagulation assay enabled by printed circuit board-based digital microfluidics

Liver fibrosis alters the molecular structures of hepatic glycogen

(\pm)-Atrachinenins A–C, three pairs of caged C₂₇ meroterpenoids from the rhizomes of *Atractylodes chinensis*

Increased circulating cytokines have a role in COVID-19 severity and death with a more pronounced effect in males: A systematic review and meta-analysis

Intake of flavonoids from *Astragalus membranaceus* ameliorated brain impairment in diabetic mice via modulating brain-gut axis

Alterations in the gut microbiota and their metabolites in colorectal cancer: Recent progress and future prospects.

Discovery of N-(4-(benzyloxy)-phenyl)-sulfonamide derivatives as novel antagonists of the human androgen receptor targeting the activation function 2

Functionalized Boron nanoparticles as potential promising antimalarial agents

Composition, clinical efficiency, and mechanism of NHC-approved "three Chinese medicines and three Chinese recipes" for COVID-19 treatment

Author Correction: Hydrogen sulfide recruits macrophage migration by integrin β 1-Src-FAK/Pyk2-Rac pathway in myocardial infarction

Npac is a co-factor of Histone H3K36me3 and regulates transcriptional elongation in mouse embryonic stem cells

Identifying the molecular basis of Jinhong tablets against chronic superficial gastritis via chemical profile identification and symptom-guided network pharmacology analysis

MTBSTFA derivatization-LC-MS/MS approach for the quantitative analysis of endogenous nucleotides in human colorectal carcinoma cells

Traditional Patchouli essential

oil modulates the host's immune responses and gut microbiota and exhibits potent anti-cancer effects in $Apc^{Min/+}$ mice

Diabetic kidney disease-predisposing proinflammatory and profibrotic genes identified by weighted gene co-expression network analysis (WGCNA)

Application of serum exosomal hypoxia-inducible factor-1 alpha (HIF-1 α) as potential circulating biomarker for bacterial peritonitis

Meteorin- β /Meteorin like/IL-41 attenuates airway inflammation in house dust mite-induced allergic asthma.

A method establishment and comparison of in vivo lung cancer model development platforms for evaluation of tumour metabolism and pharmaceutical efficacy

IKK β mediates homeostatic function in inflammation via competitively phosphorylating AMPK and I κ B α

The p-Anisaldehyde/ β -cyclodextrin inclusion complexes as a sustained release agent: Characterization, storage stability, antibacterial and antioxidant activity

Dry-regulated hydrogels with anisotropic mechanical performance and ionic conductivity

miR-7/TGF- β 2 axis sustains acidic tumor microenvironment-induced lung cancer metastasis

Extracellular vesicle application as a novel therapeutic strategy for ischemic stroke

Polygala saponins inhibit NLRP3 inflammasome-mediated neuroinflammation via SHP2-Mediated mitophagy

The prediction of protein-ligand unbinding for modern drug discovery

5-arylalkynyl-2-benzoyl thiophene: A novel microtubule inhibitor exhibits antitumor activity without neurological toxicity

UPLC/Q-TOF MS screening and identification of antibacterial compounds in *Forsythia suspensa* (Thunb.) Vahl leaves

Characterizing cellular heterogeneity in fibrotic hypersensitivity pneumonitis by single-cell transcriptional analysis

Noninvasive prognosis of Postmyocardial infarction using urinary miRNA ultratrace detection

based on single-target DNA-functionalized AuNPs

Delayed antiviral immune responses in severe acute respiratory

syndrome coronavirus infected pregnant mice

CRISPR/Cas-based genome editing for human gut commensal bacteroides species

infarction

Therapeutic potential of exosomes derived from circRNA_0002113 lacking mesenchymal stem cells in myocardial

TBAI-catalyzed oxidative coupling of Benzyl ketones to synthesize 2,3-Diaryl-1,4-Diketones in water

Synthesis and biological activity of 1H-

imidazo[4,5-f][1,10]phenanthroline as a potential antitumor agent with PI3K/AKT/mTOR signaling

Potential anionic substances binding to platelet factor 4 in vaccine-induced thrombotic thrombocytopenia of ChAdOx1-S

vaccine for SARS-CoV-2

Design, preparation, and application of magnetic nanoparticles for food safety analysis: A review of

recent advances

SPRC suppresses experimental periodontitis by modulating Th17/Treg

imbalance

I₂-catalyzed carbonylation of α -methylene ketones to synthesize 1,2-Diaryl Diketones and antiviral quinoxalines in one pot

Extracellular vesicle delivery of Neferine for the attenuation of neurodegenerative disease proteins and motor deficit in an Alzheimer's disease mouse model

Screening tumor specificity targeted by arnicolide D, the active compound of *Centipeda minima* and molecular mechanism underlying by integrative pharmacology

Targeting autophagy in ethnomedicine against human diseases

interactive analysis and visualization database for miRNome profiles of human cancer

CancerMIRNome: An

Tanshinone IIA: New perspective on the anti-tumor mechanism of a traditional natural medicine

Tumor-derived extracellular vesicles regulate cancer progression in the tumor microenvironment

The immuno-modulatory activities of Pentaherbs formula on Ovalbumin-induced allergic Rhinitis mice via the activation of Th1 and Treg cells and inhibition of Th2 and Th17 cells

Histone modifications in neurodifferentiation of embryonic stem cells

The polysaccharides from Yiqi Yangyin complex attenuated mammary gland hyperplasia: Integrating underlying biological mechanisms and network pharmacology

Resistance looms for KRAS G₁₂C inhibitors and rational tackling strategies

Elucidation of the anti-inflammatory mechanism of Er Miao San by integrative approach of network pharmacology and experimental verification

Microsomal prostaglandin E₂ synthase-1 and its inhibitors: Molecular mechanisms and therapeutic significance

Nimbolide inhibits 2D and 3D prostate cancer cells migration, affects microtubules and angiogenesis and suppresses B-RAF/p.ERK-mediated in vivo tumor growth

Emodin induces apoptosis and suppresses non-small-cell lung cancer growth via downregulation of sPLA₂-IIa

Advances in aptamer-based sensing assays for C-reactive protein

Protective effects of Huang-Lian-Jie-Du Decoction on diabetic nephropathy through regulating AGEs/RAGE/Akt/Nrf2 pathway and metabolic profiling in db/db mice

Muscle-inspired ion-sensitive hydrogels with highly tunable mechanical performance for versatile industrial applications

Novel magnetic silk fibroin scaffolds with delayed degradation for potential long-distance vascular repair

Inhibition of plant essential oils and their interaction in binary combinations against tyrosinase

Identification of bacterial pathogens at genus and species levels through combination of Raman spectrometry and deep-learning algorithms

Development of a Hepatic VX2 carcinoma model in rabbits using an improved minimally invasive method and evaluation with imaging examinations

Traditional herbal medicine: A potential therapeutic approach for

adjuvant treatment of non-small cell lung cancer in the future

_____ **pancreatic surgery**

Effectiveness and safety of path-based analgesic regimens designed by clinical pharmacists based on the type of biliary and

damage mouse model

Transcriptomic and proteomic characteristics of the di(2-ethylhexyl) phthalate-induced sperm DNA

injury in mice

_____ **S-Propargyl-cysteine prevents concanavalin A-induced immunological liver**

anticancer activity evaluation of bridged ozonides, aminoperoxides and tetraoxanes

_____ Identification of genes modified by N6-methyladenosine in patients with colorectal cancer recurrence

_____ Anthraquinones from Rhubarb as potential inhibitors of Trimethylamine (TMA)-Lyase for Alzheimer's disease

_____ Novel clinical biomarkers in blood and pleural effusion for diagnosing patients with tuberculosis distinguishing from malignant tumor

_____ Art therapy as an adjuvant treatment for schizophrenia: A protocol for an updated systematic review and subgroup meta-analysis of randomized clinical trials following the PRISMA guidelines

_____ Impact of sleep status on lung adenocarcinoma risk: A prospective cohort study

_____ Lung cancer screening study from a smoking population in Kunming

_____ Rapid identification of chemical components in Zhizi Baipi decoction by ultra performance liquid chromatography quadrupole time-of-flight mass spectrometry coupled with a novel informatics UNIFI platform

_____ ZBTB20 regulates cardiac allograft rejection through NFκB-mediated inflammation in mouse heart transplantation

_____ A novel diagnostic and therapeutic strategy for cancer patients by integrating Chinese medicine syndrome differentiation and precision medicine

_____ Computational and experimental insights on the interaction of artemisinin, dihydroartemisinin and chloroquine with SARS-CoV-2 spike protein receptor-binding domain (RBD)

_____ The synergism of natural compounds and conventional therapeutics against colorectal cancer progression and metastasis

_____ Danshen decoction in the treatment of heart failure: A systematic review and meta-analysis protocol of randomized controlled trials

_____ Sparse principal component analysis based on genome network for correcting cell type heterogeneity in epigenome-wide association studies

_____ Triterpenoids from the fruits of Melia azedarach L. and their cytotoxic activities

_____ Decidualization-derived cAMP promotes decidual NK cells to be angiogenic phenotype

Near-infrared liposome-capped Au-rare earth bimetallic nanoclusters for fluorescence imaging of tumor

cells

A small-molecule inhibitor of the Anthranilyl-CoA Synthetase PqsA

for the treatment of multidrug-resistant *Pseudomonas aeruginosa*

The interrelation between Interleukin-2 and Schizophrenia

Atrachinenynes A-D, four diacetylenic derivatives with unprecedented skeletons from the rhizomes of *Atractylodes chinensis*

Investigation of the protective mechanism of Leonurine against acute myocardial ischemia by an integrated metabolomics and network pharmacology strategy

NR₂F₂ regulates cell proliferation and immunomodulation in Whartons' jelly stem cells

A bienzymatic cascade for the complete hydrolysis of Phthalic acid esters

Development and validation of novel inflammatory response-related gene signature to predict prostate cancer recurrence and response to immune checkpoint therapy

Improvement of tissue-specific distribution and biotransformation potential of nicotinamide mononucleotide in combination with ginsenosides or resveratrol

Integrated metabolomic and transcriptomic analysis reveals variation in the metabolites and genes of *Platycodon grandiflorus* roots from different regions

Oxidative stress-mediated up-regulation of ABC transporters in lung cancer cells

A therapeutic journey of potential drugs against COVID-19

3,4-dihydro-2H-benzothiazol-5(1H)-one-4,4-dioxide containing 1,3,4-oxadiazole moieties as potential alpha-glucosidase and SARS-CoV-2 entry inhibitors

Study on green extraction of limonene from orange peel and cascade catalysis tr and cas -- i-

inhibitor of CYP3A4: One of the possible explanations for clinical adverse reactions

_____ The role and mechanisms of action of natural compounds in the prevention and treatment of cancer and cancer metastasis

_____ Establishment of a high content image platform to measure NF- κ B nuclear translocation in LPS-induced RAW264.7 macrophages for screening anti-inflammatory drug candidates

_____ Investigating acupoint selection and combinations of acupuncture for Tic disorders: An association rule mining and network analysis study

_____ A new benzophenone, and the antiplasmodial activities of the constituents of *Securidaca longipedunculata* fresen (Polygalaceae)

_____ Shenjing Guben Wan promotes sperm development by increasing the activity of seminiferous epithelium Sertoli cells

_____ Using discrete event simulation to optimize nucleic acid testing process for COVID-19

_____ Expression of sphingosine-1-phosphate receptor 2 is correlated with migration and invasion of human colon cancer cells: A preliminary clinical study

_____ Aerosol sampling and detection by magnetic nanoparticle-based cyclone methods

_____ Umbilical cord blood metabolomics: Association with intrauterine hyperglycemia

_____ Rescued from desperation: Adult-onset Still's disease with life-threatening interstitial lung disease and macrophage activation successful treatment by Tocilizumab

_____ Three patterns of sensitization to mugwort, timothy, birch and their major allergen components revealed by Latent class analysis

_____ Xihuang pills induce apoptosis in hepatocellular carcinoma by suppressing phosphoinositide 3-kinase/protein kinase-B/mechanistic target of rapamycin pathway

_____ Improvement of acupuncture therapy on relapse of patients with gouty arthritis: A pairwise and bayesian network meta-analysis

_____ Hinokiflavone induces apoptosis, cell cycle arrest and autophagy in chronic myeloid leukemia cells through MAPK/NF- κ B signaling pathway

Two new dammarane-type triterpenoids from the green walnut husks of

Juglans mandshurica Maxim

Mechanisms of P2X7 receptor involvement in pain regulation: A literature review

Chemical profiling and antioxidants screening from natural products: Using CiNingJi as an example

Jiedu Huoxue decoction for cytokine storm and thrombosis in severe COVID-19: A combined

bioinformatics and computational chemistry approach

WNT16 from decidual stromal cells regulates HTR8/SVneo trophoblastic cell function via

AKT/beta-catenin pathway

Author Correction: Multiple feature selection via sparse tensor regression

Prebiotic properties of jiaogulan in the context of gut microbiome

Antileishmanial and cytotoxic activity of secondary metabolites from

Tabernaemontana ventricosa and two aloe species

Discrimination between Carbapenem-resistant and Carbapenem-sensitive *Klebsiella*

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Aconitum alkaloids in commonly used Aconitum herbs and their acute toxicity

Current advances in mechanisms and treatment of dry eye disease: Toward anti-

inflammatory and immunomodulatory therapy and traditional Chinese medicine

Construction of the classification model using key genes identified between benign and malignant thyroid nodules: A comprehensive transcriptomic data

Landscape analysis of six microRNAs uncovers novel diagnostic markers for patients with breast cancer

Differential associations between CYP2A11 variants and type 2 diabetes susceptibility: A meta-analysis

Targeting epigenetic mechanisms in vascular aging

Improved up-and-down procedure for acute toxicity measurement with reliable LD₅₀ verified by typical toxic alkaloids and modified

Karber method

An overview of alogliptin + pioglitazone for the treatment of type 2 diabetes

Changes in the gut microbiota of morbidly obese patients after laparoscopic sleeve gastrectomy: A pilot study

2-Bromo-3-((1-(7-chloroquinolin-4-yl)-1H-1,2,3-triazol-4-yl)-methoxy)-benzaldehyde

The mechanism of Quercetin in the treatment of lung squamous cell carcinoma based on a protein-protein interaction network

The mediating role of cumulative fatigue on the association between occupational stress and depressive symptoms: A cross-sectional study among 1327 Chinese primary healthcare professionals

Baicalin mitigates the neuroinflammation through the TLR4/MyD88/NF- κ B and MAPK pathways in LPS-stimulated BV-2 Microglia

Danshen decoction in the treatment of hyperlipidemia: A systematic review and meta-analysis protocol of randomized controlled trials

Novel therapeutic mechanism of Adipose-derived Mesenchymal stem cells in Osteoarthritis via upregulation of BTG₂

The pharmacological mechanism of Curcumin against drug resistance in non-small cell lung cancer: Findings of network pharmacology and bioinformatics analysis

Ultrasonography combined with blood biochemistry on the early diagnosis of diabetic kidney disease

The regulatory effects of traditional Chinese medicine on Ferroptosis

Targeting Pyroptosis: New insights into the treatment of diabetic microvascular complications

SARS-CoV-2 modulation of RIG-I-MAVS signaling: Potential mechanisms of impairment on host antiviral immunity and therapeutic approaches

Prediction of the active components and mechanism of Forsythia suspensa leaf against respiratory syncytial virus based on network pharmacology

Epigenetic alterations under oxidative stress in stem cells

Effect of acupuncture treatment on dysphagia caused by pseudobulbar paralysis after stroke: A systematic review and meta-analysis

Big data analysis of manufacturing and preclinical studies of nanodrug-targeted delivery systems: A literature review

_____ HDAC4 inhibitors as antivasular senescence therapeutics

_____ Efficacy and safety of Salvia miltiorrhiza for treating chronic kidney diseases: A
systematic review and meta-analysis

_____ Identification of serum metabolomics characteristics in patients with stable
Angina Pectoris using UHPLC-QE-MS

_____ Network pharmacology analysis and experimental verification
strategies reveal the action mechanism of Danshen decoction in treating ischemic cardiomyopathy

_____ Study on the mechanism of Shenjing Guben prescription regulating PI₃K and NRF₂ signaling pathway in the treatment of immune infertility

_____ Targeting Nrf2-mediated oxidative
stress response in traumatic brain injury: Therapeutic perspectives of phytochemicals

_____ Astragaloside IV improves the barrier damage in diabetic glomerular endothelial cells stimulated by
high glucose and high insulin

_____ Effects of electroacupuncture on the gut microbiome in Cisplatin-induced premature ovarian
failure mice

_____ (Research progress on
the medicinal evolution and modern identification methods of genuine medicinal materials herb, Citri Reticulatae Pericarpium) 中藥新藥與臨床藥理

_____ (Application of YOU's
fetal-adoption theory in the treatment of intrauterine adhesion: Research on the academic thought and clinical experience of YOU Zhao-Ling, the National Famous TCM
Practitioner (5)) 湖南中醫藥大學學報

_____ Meta
(Meta-analysis of β -blockers for the primary prevention of liver cirrhosis with clinically significant portal hypertension with no or small esophageal varices) 中華肝臟病雜誌

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YOU Zhao-Ling, the National Famous TCM Practitioner (3)) 湖南中醫藥大學學報

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model) 西南農業學報

_____ 9 (Content determination of nine components in Gastrodiae Rhizoma and
analysis of different components between wild and cultivated species) 中國現代應用藥學

_____ (Discussion on the relationship between abnormal uterine junction zone and
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_____ 華南國防醫學雜誌
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_____ (The association between sulfate-reducing bacteria and gut-related diseases: A
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_____ (Relativity analysis on traditional Chinese medicine constitutiontypes in femail
adolescent Idiopathics Scoliosis) 中國中醫骨傷科雜誌

_____ * * UHPLC-Q-TOF-MS (Analysis of chemical constituents in
Huangjia Ruangan granules and intermediate based on UHPLC-Q-TOF-MS) 亞太傳統醫藥

_____ - (Research progress on correlation between traditional Chinese medicine-gut
microbiota and host's own metabolic immune homeostasis) 中草藥

_____ (Experience introduction of Liu Zhilong in treating chronic kidney insufficiency) 新中醫

_____ Meta (Prognosis and safety of acupuncture therapy for gouty arthritis: A meta analysis) 中國臨床研

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_____ (Progress of acupuncture in sequelae of stroke hemiplegis) 按摩與康復醫學

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(Research on prevention law of traditional Chinese

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(Molecular mechanism of Spatholobi Caulis in the treatment of ovarian cancer

based on network pharmacology and experimental verification" on