

Published papers (2014)

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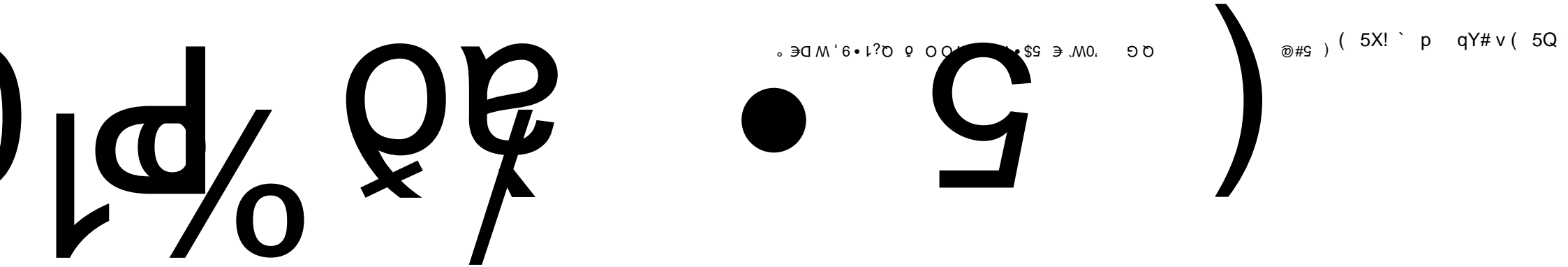
Note: Publication with impact factor of more than 4 or subjects ranked less than 15%

_____ _____ _____ _____ _____ **Integrated network-based medicine: The role of traditional Chinese medicine in developing a new generation of medicine**

Science

_____ **Integrating traditional medicine into modern health care** *Science*

_____ _____ **Dioxasampsones A and B, two polycyclic polyprenylated acylphloroglucinols with unusual epoxy-ring-fused skeleton from *Hypericum sampsonii*** *Org Lett*



Phylogenomics resolves the timing and pattern of insect evolution *Science*

experiments *Bioinformatics*

sapFinder: an R/Bioconductor package for detection of variant peptides in shotgun proteomics

A recyclable chitosan-based QCM biosensor for sensitive and selective detection of breast cancer cells in real time *Analyst*

. Recognition of Chelerythrine to human telomeric DNA and RNA G-quadruplexes. *Sci Rep*

Apoptotic effect of a single compound derived from natural product in Gefitinib-resistant non-small cell lung cancer cells *Cancer Res*

P38MAPK plays a tumor suppressive role through differentiation of ALDH^{high}/CD44^{high} tumor initiating cells in primary human lung adenocarcinoma *Cancer Res*

Quantitative comparison and metabolite profiling of Saponins in different parts of the root of Panax notoginseng *J Agric Food Chem*

Mechanisms underlying the effect of acupuncture on cognitive improvement: A systematic review of animal studies *J Neuroimmune Pharmacol*

Altitude adaptation in Tibetans caused by introgression of Denisovan-like DNA *Nature*

A common Greenlandic TBC1D4 variant confers muscle insulin resistance and type 2 diabetes *Nature*

MethylPurify: tumor purity deconvolution and differential methylation detection from single tumor DNA methylomes. *Genome Biol*

_____ **An integrated catalog of reference genes in the human gut microbiome** *Nat Biotechnol*

_____ **Polo-like kinase 2 activates an antioxidant pathway to promote the survival of cells with mitochondrial dysfunction** *Free Radic Biol Med*

_____ **Skin autofluorescence associates with vascular calcification in chronic kidney disease** *Arterioscler Thromb Vasc Biol*

_____ **The *Opisthorchis viverrini* genome provides insights into life in the bile duct** *Nat Commun*

_____ **Ligand induced change of $\beta 2$ Adrenergic receptor from active to inactive conformation and its implication with close and open of water channel: Insight from molecular dynamics simulation, free energy calculation and Markov state model analysis** *Phys Chem Chem Phys*

_____ **Norsampsones A–D, Four New Decarbonyl Polycyclic Polyprenylated Acylphloroglucinols from *Hypericum sampsonii*** *Org Lett*

_____ **Molecular modeling study on the dynamical structural features of human smoothened receptor and binding mechanism of antagonist LY2940680 by metadynamics simulation and free energy calculation** *Biochim Biophys Acta*

_____ **Genome and transcriptome of the porcine whipworm *Trichuris suis*** *Nat Genet*

_____ **Natural small-molecule enhancers of autophagy induce autophagic cell death in apoptosis-defective cells.**

_____ **Comparative assessment of scoring functions on an Updated Benchmark: 2. Evaluation methods and general results** *J Chem Inf Model*

_____ **Comparative assessment of scoring functions on an Updated Benchmark: 1. Compilation of the test set** *J Chem Inf Model*

_____ **Improved sphingolipidomic approach based on Ultra-High Performance Liquid Chromatography and Multiple Mass Spectrometries with Application to cellular neurotoxicity** *Anal Chem*

_____ **Omics-based interpretation of synergism in a soil-derived cellulose-degrading microbial community** *Sci Rep*

_____ Transformation of Ginsenosides from Notoginseng by artificial gastric juice can increase cytotoxicity towards cancer cells *J Agric Food Chem*

_____ Alistonitrine A, a caged monoterpene Indole Alkaloid from *Alstonia scholaris* *Org Lett*

_____ Nanostructured lipid carriers as a novel oral delivery system for triptolide: induced changes in pharmacokinetics profile associated with reduced toxicity in male rats *Int J Nanomedicine*

_____ Differential methylation of the TRPA1 promoter in pain sensitivity *Nat Commun*

_____ Effect of paricalcitol on left ventricular mass and function in CKD - The OPERA trial *J Am Soc Nephrol*

_____ Neuropathology of cigarette smoking *Acta Neuropathol*

_____ The $L_{1/2}$ regularization method for variable selection in the Cox model *App Soft Computing*

_____ Comparative analysis of EPA and DHA in fish oil nutritional capsules by GC-MS *Lipids Health Dis*

_____ Two Antarctic penguin genomes reveal insights into their evolutionary history and molecular changes related to the Antarctic environment *Gigascience*

_____ Comparative genomic data of the Avian Phylogenomics Project *Gigascience*

_____ Suppression of C6 gliomas via application of rat hyperplasia gene *Int J Biol Markers*

_____ Outcomes of adjuvant endocrine therapy and hormone receptor status change following neoadjuvant chemotherapy in breast cancer patients *Int J Biol Markers*

_____ Quantitation of kudinoside A, kudinoside D and kudinoside F in human plasma using a high performance liquid chromatography-electrospray ionization tandem mass spectrometric method *J Chromatogr B Analyt Technol Biomed Life Sci*

_____ Indoleacetic acid derivatives from the seeds of *Ziziphus jujuba* var. *spinosa* *Fitoterapia*

_____ Novel harmonic regularization approach for variable selection in Cox's proportional hazards model. *Comput Math Methods Med*

_____ Limonoids from the fruits of _____ and their NF- κ B modulating activities. *Phytochemistry*

Novel polycyclic polyprenylated acylphloroglucinols from *Hypericum sampsonii* *Tetrahedron*

IQuant: An automated pipeline for quantitative proteomics based upon isobaric tags *Proteomics*

Intromitochondrial I kappa B/NF-kappa B signaling pathway is involved in amyloid beta peptide-induced mitochondrial dysfunction *J*

Estrogen receptor α promotes non-amyloidogenic processing of platelet amyloid precursor protein via the MAPK/ERK pathway *J Steroid*

Review the application of chromatography in the analysis of nitric oxide-derived biological fluids *Curr Anal Chem*

Detection of Lipopolysaccharide induced inflammatory responses in RAW264.7 macrophages using atomic

Epigenetic changes of TIMP-3, genes as indication of status of chronic inflammation and cancer *Int J Biol Markers*

Inhibition of human efflux transporter ABCC2 (MRP2) by self-emulsifying drug delivery system: Influences of concentration and combination of *ci*

Mass spectrometric studies on effects of counter ions of TMPyP4 on binding to human telomeric DNA and RNA G- *Chem*

Search for β_2 Adrenergic receptor Ligands by virtual screening via grid computing and investigation of binding modes by *omics simulations PLoS One*

Application of $L_{1/2}$ regularization logistic method in heart disease diagnosis *Bio-Med Mater Eng*

. Autophagic effects of Chaihu (dried roots of Bupleurum Chinense DC or Bupleurum scorzoneraefol *f*

- _____ **Exploration of the antagonist CP-376395 escape pathway for the corticotropin-releasing factor receptor 1 by random acceleration molecular dynamics simulations** *Mol Biosyst*
- _____ **Protective effects of testosterone on presynaptic terminals against Oligomeric β -Amyloid peptide in primary culture of Hippocampal neurons** *Biomed Res Int*
- _____ **Combined Estrogen Replacement Therapy on Metabolic Control in Postmenopausal Women with Diabetes Mellitus** *Kaohsiung J Med Sci*
- _____ **Novel polycyclic polyprenylated acylphloroglucinols from *Hypericum sampsonii*** *Planta Med*
- _____ **Hepatoprotective activity of *Gentiana veitchiorum* Hemsl. against carbon tetrachloride-induced hepatotoxicity in mice** *Chin J Nat Med*
- _____ **A case series of acupuncture treatment for female infertility with some cases supplemented with Chinese medicines** *Eur J Integr Med*
- _____ **The influence of the alignment of Electrospun Fibrous Scaffolds on the biological behavior of RSC96 cells** *J Biomater Tiss Eng*
- _____ **Evidence for the involvement of JAK/STAT/SOCS pathway in the mechanism of Tangshen formula-treated diabetic nephropathy** *Planta Med*
- _____ **Quantitation of phlorizin and phloretin using an Ultra High Performance Liquid Chromatography-electrospray ionization tandem mass spectrometric method.** *J Chromatogr B Analyt Technol Biomed Life Sci*
- _____ **Molecular modeling and residue interaction network studies on the mechanism of binding and resistance of the HCV NS5B polymerase mutants to VX-222 and ANA598** *Antiviral Res*
- _____ **Catechins and procyanidins of *Ginkgo biloba* show potent activities towards the inhibition of β -amyloid peptide aggregation and destabilization of preformed fibrils** *Molecules*
- _____ **Efficient One-pot synthesis of 3-amino-7-azaindoles under microwave irradiation** *Synth Commun*
- _____ **Exploring the influence of EGCG on the β -Sheet-Rich Oligomers of human Islet Amyloid Polypeptide (hIAPP₁₋₃₇) and identifying its possible binding sites from molecular dynamics simulation** *PLoS One*
- _____ **Quantitative analysis of the flavonoid glycosides and terpene trilactones in the extract of *Ginkgo biloba* and evaluation of their inhibitory activity towards fibril formation of β -amyloid peptide** *Molecules*
- _____ **Ginsenoside compound K induces apoptosis in nasopharyngeal carcinoma cells via activation of apoptosis-inducing factor** *Chin Med*
- _____ **Long-term macrolides for non-cystic fibrosis bronchiectasis: A systematic review and meta-analysis** *Respirology*

_____ **Effect of Tumor Necrosis Factor Family Member LIGHT (TNFSF14) on the activation of Basophils and Eosinophils interacting with Bronchial Epithelial cells** *Mediators Inflamm*

_____ _____ **Celastrol induces apoptosis in gefitinib-resistant non-small cell lung cancer cells via caspases-dependent pathways and Hsp90 client protein degradation.** *Molecules*

_____ **Molecular modeling study on the allosteric inhibition mechanism of HIV-1 integrase by LEDGF/p75 binding site inhibitors** *PLoS One*

_____ **Comparison of in vitro antiviral activity of tea polyphenols against influenza A and B viruses and structure-activity relationship analysis** *Fitoterapia*

_____ **Overcoming chemotherapy resistance with herbal medicines: past, present and future perspectives** *Phytochem Rev*

_____ **Computational study on the inhibitor binding mode and allosteric regulation mechanism in hepatitis C virus NS3/4A protein** *PLoS One*

_____ **Determination of muscone in rats plasma following oral administration of artificial musk: Using of combined headspace gas chromatography-mass spectrometry** *J Spectroscopy*

_____ **Structural diversity and initial oligomerization of PrP106-126 studied by replica-exchange and conventional molecular dynamics simulations** *PLoS One*

_____ **The role of Cys179-Cys214 disulfide bond in the stability and folding of prion protein: insights from molecular dynamics simulations** *J Mol Model*

_____ **The adsorption mechanism and induced conformational changes of three typical proteins with different secondary structural features on grapheme** *RSC Adv*

_____ _____ **Optimization of 2-dimensional gel electrophoresis for proteomic studies of the solid tumor tissues samples**

Sci Tech

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Morindae Officinalis Radix as an example)

(Textual research of medicinal plants based on illustration in Ancient Literature-

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blue raspberry leaves on non-alcoholic fatty liver disease in rats)

(The protective and therapeutic effects of total Flavonoids of

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erythrocytes)

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neuropathy) _____ (Rat nerve growth factor with warming acupuncture point injection for diabetic peripheral

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acupuncture combined with merformin for infertility patients with obesity-type polycystic ovary syndrome)

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behavior in vitro) _____ (Preparation of Nifedipine sustained-release pellet tablets and study of its release

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A study on consumers' complaints of food safety in Xinjiang county of Shanxi province in 2013)

_____ (中旬刊)
_____ (Research progress on the metabolomics-based study of the essence of traditional
Chinese medicine syndromes)

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2013

(Discussion on bottleneck problems in data acquisition and pre-processing of

metabolomics)

(Effect of Xiegan Anshen prescription on the quality of life in patients with generalized

anxiety disorder)

(Clinical observation on Xiegan Anshen formula for 100 cases of generalized anxiety

100

disorder)

(Jiawei Zuojin pill combined with western medicine in the treatment of gastric ulcer random parallel control)

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