



# Chinese Journal of Natural Medicines

2018 **8**

Volume 16 Number 8  
August 2018

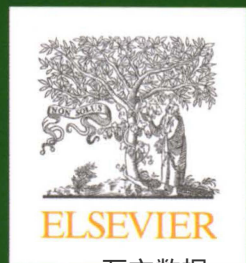
( Monthly, Founded in 2003 )

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Global gene expression analysis in liver of o/db mice treated with catalpol

LIU Xiu-Ping, Researcher, Tianjin Institute of Pharmaceutical Research Co., Ltd.



万方数据

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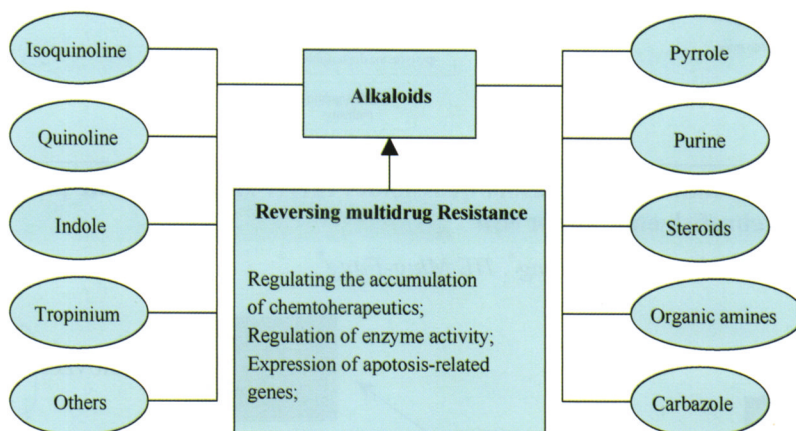
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WANG Meng, LIU Ze-Fa, TANG Hua, CHEN Bao-An\*

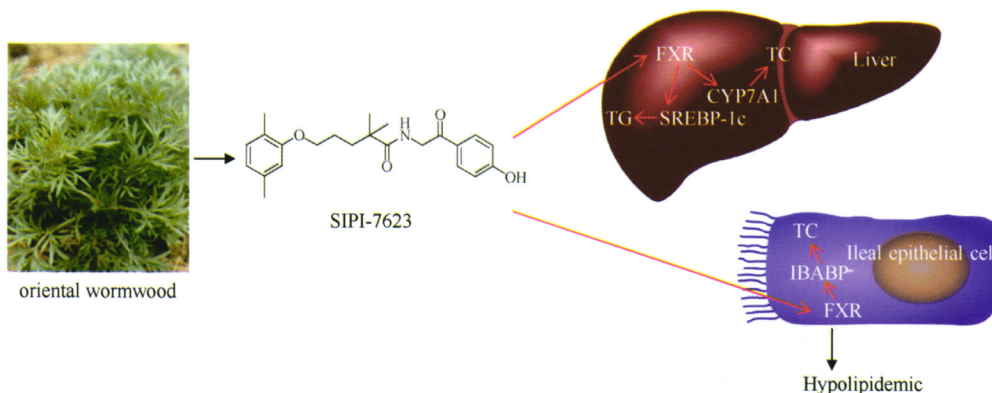


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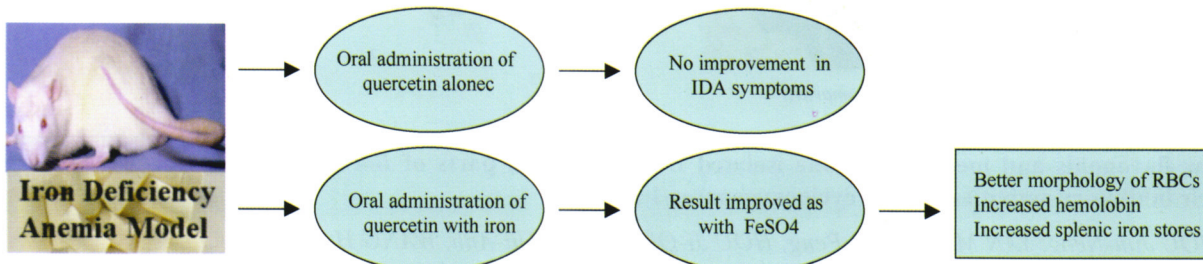
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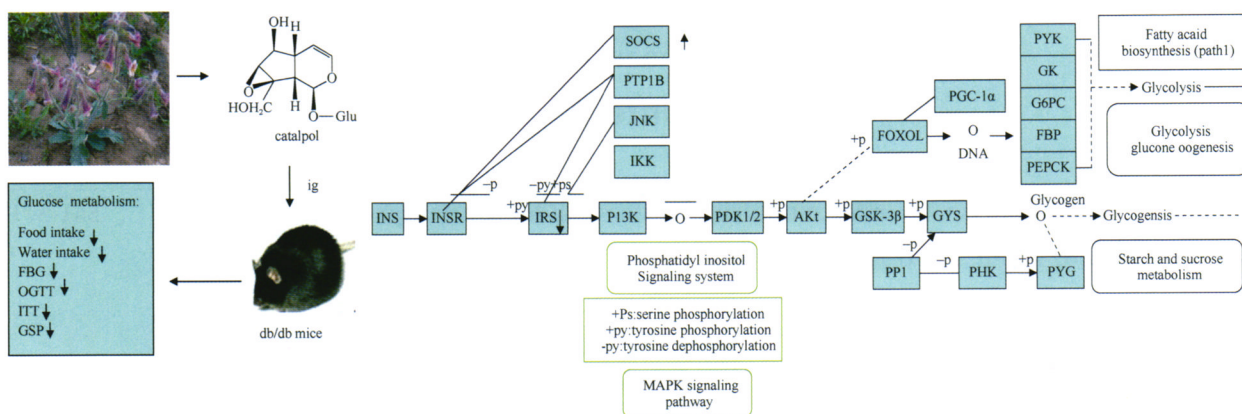
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Maryam Mazhar, Nurul Kabir, Shabana U Simjee\*

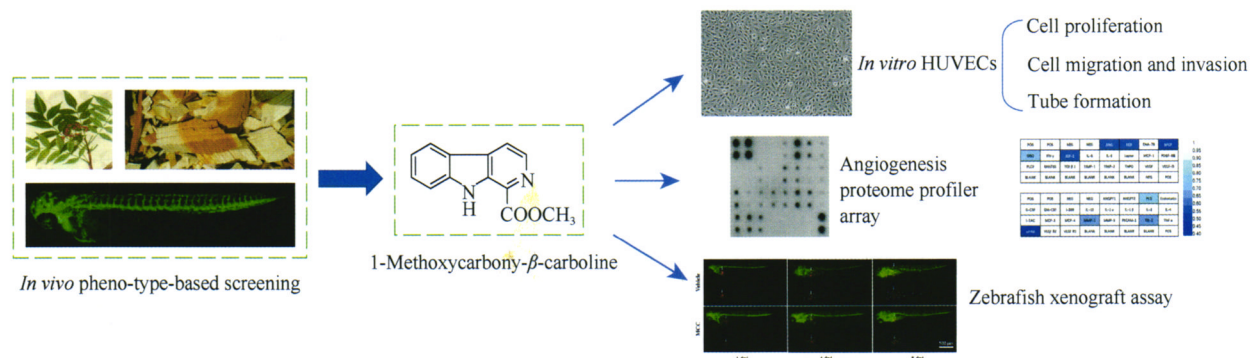


LIU Jing, ZHANG He-Ran, HOU Yan-Bao, JING Xiao-Long, SONG Xin-Yi, SHEN Xiu-Ping\*



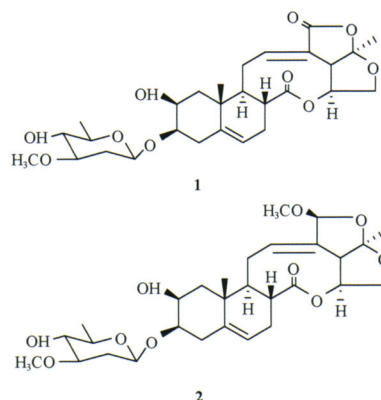
1-Methoxycarbony-β-carboline from *Picrasma quassioides* exerts anti-angiogenic properties in HUVECs *in vitro* and zebrafish embryos *in vivo*

LIN Qing-Hua, QU Wei, XU Jian, FENG Feng\*, HE Ming-Fang\*



Two new C<sub>21</sub> steroidal glycosides isolated from *Cynanchum komarovii*

ZHAO Dan, SU Shan-Shan, CHEN Shao-Fei, LU Xiao-Jie, CHEN Gang, WANG Yu-Bo, SU Guang-Yue\*, PEI Yue-Hu\*



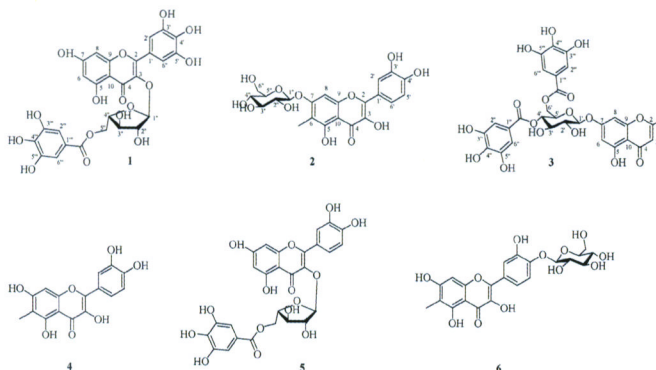
New flavonoids and methylchromone isolated from the aerial parts of *Baeckea frutescens* and their inhibitory activities against cyclooxygenases-1 and -2

ZHOU Jun-Neng, YAN Ming, GAO Peng, HOU Ji-Qin, PHAM Thi-Anh, WANG Hao\*





*Baeckea frutescens*



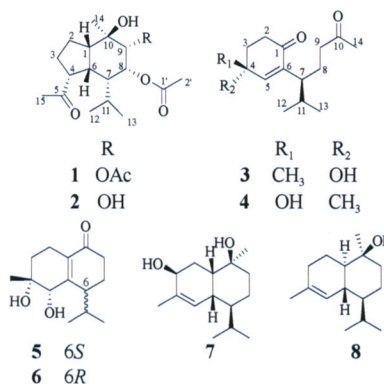
Two new flavonoid glycosides (1–2), one new methylchromone glycoside (3), together with three known compounds (4–6), were isolated from *Baeckea frutescens*. Compounds 1–6 showed potent COX-1 and COX-2 inhibiting activities *in vitro* with IC<sub>50</sub> values ranging from 1.95 to 5.54 μmol·L<sup>-1</sup> and ranging from 1.01 to 2.27 μmol·L<sup>-1</sup>, respectively.

### Novel sesquiterpenoids isolated from *Chimonanthus praecox* and their antibacterial activities 621-627

LOU Hua-Yong, ZHANG Yu, MA Xiao-Pan, JIANG Sai, WANG Xiang-Pei, YI Ping, LIANG Guang-Yi, WU Hong-Mei, FENG Jing, JIN Feng-Yun\*, PAN Wei-Dong\*



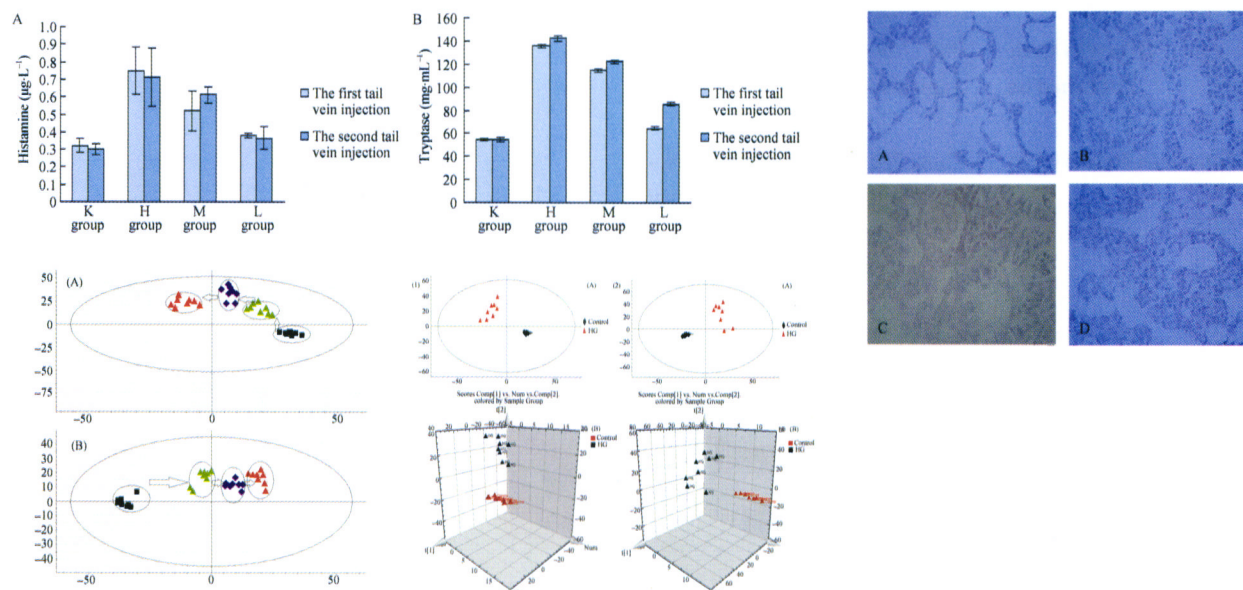
*Chimonanthus praecox*



Four new sesquiterpenoids, chimonols A–D (1–4), together with four known compounds (5–8) were isolated from *Chimonanthus praecox*. Compounds 1–4 showed activity against *S. aureus* (ATCC 25923) with MIC values being 162–254 μg·mL<sup>-1</sup>. Compounds 3–7 showed activities against *C. glabrata* (ATCC 2001) and *S. aureus* (ATCC 43300) with MIC values being 128–197 μg·mL<sup>-1</sup>.

### Metabonomics delineates allergic reactions induced by *Shuang-huang-lian* injection in rats using ultra performance liquid chromatography-mass spectrometry 628-640

GU Yuan-Yuan, SHI Lang, ZHANG Dan-Dan, HUANG Xin, CHEN Da-Zhong\*





2017 JCR IF: 1.991



Establishment: May 2003

Sponsored by  China Pharmaceutical University  
 Chinese Pharmaceutical Association

Published by  Science Press ISSN: 2095-6975



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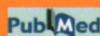
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# Chinese Journal of Natural Medicines

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The Chinese Journal of Natural Medicines (CJNM) is devoted to communications among pharmaceutical and medicinal plant scientists who are interested in the advancement of the botanical, chemical, and biological sciences in support of the use of natural medicines in health care, in particular, traditional Chinese medicines (TCM). CJNM aims to cover a broad spectrum of original research papers and review articles on natural medicines or their products from all over the world, including those from TCM.

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- Chemical Analysis and Quality Control
- Pharmacokinetics and Clinical Efficacy
- DNA-based Botanical Authentication
- Medicinal Plant Resource Investigations

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PISSN: 2095-6975 EISSN: 1875-5364

Original PISSN: 1672-3651

Publication Frequency: 12 issues per year/Monthly

Editing: Editorial Board of Chinese Journal of Natural Medicines

Address: 24, Tongjia Xiang, Nanjing, China

Postcode: 210009

Tel: 86-25-83271565, 83271568

Fax: 86-25-83271229

E-mail: [cpucjnm@163.com](mailto:cpucjnm@163.com)

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Price: ¥ 50 per issue

ISSN 2095-6975



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