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14) 2024.10-2027.10

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0161/2024/AMJ **208.1** ,

13) 2024.06-2027.06

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12) 2023.05-2026.05

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11) 2023.01-2023.12

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9) 2022.08-2025.08 VEGFR-2/Aurora A

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8) 2021.03-2023.03 “ ”

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7) 2020.09-2023.09 S1P1

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6) 2020.04-2021.04

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5) 2020.01-2023.01

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4) 2019.06-2022.06

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3) 2014.01-2018.01 Calotropis -1(HIF-1)
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2) 2012.06-2014.11 IKK Epoxide GSH
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1) 2012.01-2012.12 ESI-TOF-MS MALDI-TOF-MS
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- 1) Fu, Lu; Wang, Can-Can; Tian, Wenyue; Liu, Zhiyan; Bao, Meng-Yu; Liu, Jiazheng; Zhang, Wei; **Bai, Li-Ping***; Jiang, Zhi-Hong*; Zhu, Guo-Yuan*. NMR-guided isolation of anti-inflammatory carabranolides from the fruits of *Carpesium abrotanoides*. *Journal of Natural Products* **2024**, *87*, 1786-1797.
- 2) Liu, Jiazheng; Xu, Ting; Ding, Jianjun; Wen, Haoyue; Meng, Jieru; Liu Qing; Liu, Xiaomei; Zhang, Wei; Zhu, Guo-Yuan; Jiang, Zhi-Hong*; Gao, Jing*; **Bai, Li-Ping***. Discovery of Anti-melanogenic Components in Persimmon (*Diospyros kaki*) Leaf Using LC-MS/MS-MN, AlphaFold2-enabled Virtual Screening and Biological Validation. *Food Chemistry* **2024**, *455*, 139814.
- 3) Fu, Lu; Tian, Wenyue; Bao, Meng-Yu; Liu, Zhiyan; Ren, Wen-Jing; Liu, Jiazheng; Zhang, Wei; Zhang, Zhifeng; Gao, Jing; **Bai, Li-Ping***; Jiang, Zhi-Hong*; Zhu, Guo-Yuan*. Cevanine-type cmmcnqkfu"htq o "vj g"dwndu"qh"Htkvknctkc"wpkdtceygcvc"xct0"y cdwgpuku"cpf"vj gkt"cpvkLdtqvke"cevkxkvkgu" in vitro. *Phytochemistry* **2024**, *220*, 114018.
- 4) Chen, Jian-Li; Jia, Xiao-Hui; Wu, Xuan; Yuan, Ming-Heng; Xia, Xinyue; Yin, Dan; Chen, Xu; Gu, Ze-Yun; Liu, Jia-Zheng; **Bai, Li-Ping**; Luo, Kathy Qian; Wang, Jianfang; Zhu, Xiao-Ming*. Kidney-targeted antioxidant salvianolic acid B nanoparticles restoring lysosome homeostasis

for acute kidney injury therapy. *Chemical Engineering Journal* **2024**, 490, 151811.

- 5) Lin, Zhi-Rong; Bao, Meng-Yu; Xiong, Hao-Ming; Cao, Dai; **Bai, Li-Ping**; Zhang, Wei; Chen, Cheng-Yu; Jiang, Zhi-Hong*; Zhu, Guo-Yuan*. Boswellianols A–I, Structurally Diverse Diterpenoids from the Oleo-gum Resin of *Boswellia carterii* and Their TGF- β Inhibition Activity. *Plants* **2024**, 13, 1074.
- 6) Lyu, Peilun; Liu, Jiazheng; Zhang, Yuhan; Ye, Ben; Lan, Ting; **Bai, Li-Ping**; Cai, Zhanchuan*; Jiang, Zhi-Hong*. A Novel Feature Fusion Framework for Industrial Automation Single-Multiple Object Detection. *IEEE Transactions on Industrial Informatics* **2024**, DOI:10.1109/TII.2024.3353814.
- 7) Chen, Fei-Long; Liu, Dong-Li; Ren, Wen-Jing; Xiong, Hao-Ming; **Bai, Li-Ping**; Zhang, Wei; Hon, Chitin; Jiang, Zhi-Hong*; Zhu, Guo-Yuan*. Atrachinenins D-S, Novel Meroterpenoids with Geranyl Hydroquinone Moiety from *Atractylodes chinensis* by the LC/MS-based Molecular Decoy and Targeted Isolation. *Bioorganic Chemistry* **2024**, 144, 107111.
- 8) Wu, Yanqi; Guan, Yuhong; Huang, Peilin; Chen, Hui; **Bai, Li-Ping**; Jiang, Zhi-Hong*. Preparation of Norovirus GII Loop Mediated Isothermal Amplification Freeze-Drying Microsphere Reagents and Its Application in An On-Site Integrated Rapid Detection Platform. *Chinese Chemical Letters* **2023**, 109308.
- 9) Zhou, Mingyue; Yang, Ziwei; Yin, Tianpeng; Zhao, Yunfeng; Wang, Cai-Yun; Zhu, Guo-Yuan; **Bai, Li-Ping**; Jiang, Zhi-Hong*; Zhang, Wei*. Functionalized Fe-Doped Carbon Dots Exhibiting Dual Glutathione Consumption to Amplify Ferroptosis for Enhanced Cancer Therapy. *ACS Applied Materials & Interfaces* **2023**, 15, 53228-53241.
- 10) Wang, Yue; Yu, Fei; Liu, Qinhua; Wang, Caiyun; Zhu, Guo-Yuan; **Bai, Li-Ping**; Shi, Shuai; Zhao, Yunfeng; Jiang, Zhi-Hong*; Zhang, Wei*. A novel and sensitive dual signaling ratiometric electrochemical aptasensor based on nanoporous gold for determination of Ochratoxin A. *Food Chemistry* **2024**, 137192.
- 11) Liu, Qian-Bao; Liu, Jiazheng; Lu, Jing-Guang; Yang, Ming-Rong; Zhang, Wei; Li, Wen-Jia; Qian, Zheng-Ming; Jiang, Zhi-Hong*; **Bai, Li-Ping***. Quantitative ^1H NMR with global spectral deconvolution approach for quality assessment of natural and cultured *Cordyceps sinensis*. *Journal of Pharmaceutical and Biomedical Analysis*, **2023**, 235, 115603.

- 27) Chen, Fei-Long; Liu, Dong-Li; Fu, Jing; Fu, Lu; Gao, Jin; **Bai, Li-Ping**, Zhang, Wei, Jiang, Zhi-Hong*; Zhu, Guo-Yuan*. Atrachinenynes A–D, four diacetylenic derivatives with unprecedented skeletons from the rhizomes of *Atractylodes chinensis* *New Journal of Chemistry* **2022**, Doi:10.1039/D2NJ02149H.
- 28) Kong, Lingkai[#]; Tian, Wenyue[#]; Liu, Zhiyan, Xu, Ting; Wen, Haoyue; Chen, Zihan; Gao, Jin; **Bai, Li-Ping***. TfOH-Catalyzed Cascade C-H/N-H Chemo-regioselective Annulation of Indole-2-carboxamides with Benzoquinones for the Construction of Anticancer Tetracyclic Indolo[2,3-c]quinolinones. *Journal of Organic Chemistry* **2022**, *87*, 7955-7967.
- 29) Yin, Tianpeng; Yu, Yi; Liu, Qinghua; Mingyue Zhou; Zhu, Guo-Yuan; **Bai, Li-Ping**; Zhang, Wei*; Jiang, Zhi-Hong*. 2D NMR-based MatchNat Dereplication Enables Explosive Discovery of Novel Diterpenoid Alkaloids. *Chinese Journal of Chemistry* **2022**, *40*, 2169-2178.
- 30) Xu, Ting[#]; Meng, Jieru[#]; Cheng, Wanqing; Liu, Jiazheng; Chu, Junyan; Zhang, Qian; Ma, Nannan; **Bai, Li-Ping***; Guo, Yong*. Discovery of honokiol thioethers containing 1,3,4-oxadiazole moieties as potential α -glucosidase and SARS-CoV-2 entry inhibitors. *Bioorganic and Medicinal Chemistry*, **2022**, *67*, 116838.
- 31) Liu, Qian-Bao[#]; Lu, Jing-Guang[#]; Jiang, Zhi-Hong*; Zhang, Wei; Li, Wen-Jia; Qian, Zheng-Ming; **Bai, Li-Ping***. In situ chemical Profiling and imaging of cultured and natural *Cordyceps sinensis* by TOF-SIMS. *Frontiers in Chemistry* **2022**, *10*, 862007.
- 32) Xiao, Riping[#]; Lei, Kaiwai[#]; Kuok, Hioha[#]; Deng, Wende; Zhuang, Yuxing; Tang, Yanqing; Guo, Zhengyang; Qin, Hongyan*; **Bai, Li-Ping***; Li, Ting*. Synthesis and identification of lithocholic acid 3-*uwnhcv*g" cu" TQT v" nki cpf" vq" kpjkdv" Vj39" egll differentiation. *Journal of Leukocyte Biology*, **2022**, *112*, 83843.
- 33) Wang, Yue; Wu, Xuan; Sun, Jianfeng; Wang, Caiyuan; Zhu, Guoyuan; **Bai, Li-Ping**; Jiang, Zhi-Hong*; Zhang, Wei*. Stripping voltammetric determination of cadmium and lead ions based on a bismuth oxide surface-decorated nanoporous bismuth electrode. *Electrochemistry Communications* **2022**, *136*, 107233.
- 34) Kong, Lingkai; Hu, Xueping; **Bai, Li-Ping***. TBAI-Catalyzed Oxidative Coupling of Benzyl Ketones to Synthesize 2,3-Diary-1,4-Diketones in Water. *ACS OMEGA* **2022**, *7*, 2337-2343.

- 35) Kong, Lingkai; Meng, Jieru; Tian, Wenyue; Liu, Jiazheng; Hu, Xueping; Jiang, Zhi-Hong; Zhang, Wei; Li, Yanzhong*; **Bai, Li-Ping***. I₂-Catalyzed Carbonylation of *r*-Methylene Ketones to Synthesize 1,2-Diaryl Diketones and Antiviral Quinoxalines in One Pot. *ACS OMEGA* **2022**, *7*, 1380-1394.
- 36) Chen, Fei-Long; Liu, Dong-Li; Fu, Jing; Yang, Ji; **Bai, Li-Ping**; Zhang, Wei; Jiang, Zhi-Hong*; Zhu Guo-Yuan*. (±)-Atrachinenins A–C, three pairs of caged C₂₇ meroterpenoids from the rhizomes of *Atractylodes Chinensis*. *Chinese Journal of Chemistry* **2022**, *40*, 460-466.
- 37) Guo, Yong[#]; Meng, Jieru[#]; Liu, Jiazheng; Xu, Ting; Zheng, Zhiyuan; Jiang, Zhi-Hong; **Bai Li-Ping***. Synthesis and biological evaluation of honokiol derivatives bearing 3-((5-phenyl-1,3,4-oxadiazol-2-yl)methyl)oxazol-2(3H)-ones as potential viral entry inhibitors against SARS-CoV-2. *Pharmaceuticals* **2021**, *14*, 885.
- 38) Guo, Yong; Enhua, Hou; Tingyu, Wen; Xiaoting, Yan; Meiyue, Han; **Bai, Li-Ping**; Xiangjing, Fu; Jifeng, Liu*; Shangshang, Qin*. Development of Membrane-Active Honokiol/Magnolol Amphiphiles as Potent Antibacterial Agents against Methicillin-Resistant *Staphylococcus aureus* (MRSA). *Journal of Medicinal Chemistry* **2021**, *64*, 12903-12916.
- 39) Hu, Chun-Mei; Wang, Wen-Jing; Ye, Yuan-Na; Kang, Yu; Lin, Jing; Wu, Pan-Pan; Li, Dong-Li; **Bai, Li-Ping**; Xu, Xue-Tao; Li, Bao-Qiong; Zhang, Kun. Novel cinnamic acid mognolol derivatives as potent α -glucosidase and α -amylase inhibitors: Synthesis, in vitro and in silico studies. *Bioorganic Chemistry* **2021**, *116*, 105291.
- 40) Xu, Ting; Tian Wenyue; Zhang, Qian; Liu Jiazheng; Liu, Zhiyan; Jin, Jing; Guo, Yong*; **Bai, Li-Ping***. Novel 1,3,4-thiadiazole/oxadiazole-linked honokiol derivatives suppress cancer via inducing PI3K/Akt/mTOR-dependent autophagy. *Bioorganic Chemistry* **2021**, *115*, 105257.
- 41) Liu, Xin; Fu, Jing; Shen, Rong-Sheng; Wu, Xu-Jia; Yang, Ji; **Bai, Li-Ping**; Jiang, Zhi-Hong*; Zhu, Guo-Yuan*. Linderanoids A–O, dimeric sesquiterpenoids from the roots of *Lindera aggregata* (Sims) Kosterm. *Phytochemistry*, **2021** *191*, 112924.
- 42) Zheng, Zhiyuan[#]; Zhou, Zhongbo[#]; Zhang, Qiulong; Zhou, Xiaobo; Yang, Ji; Yang, Ming-Rong; Zhu, Guo-Yuan; Jiang, Zhi-Hong; Li, Ting; Lin, Qianyu; **Bai, Li-Ping***. Non-classical Cardenolides from *Calotropis gigantea* Exhibit Anticancer Effect as HIF-1 Inhibitors.

Bioorganic Chemistry **2021**, 109, 104740.

- 43) Li, Yan[#]; Zhang, Huixia[#]; Luo, Wendi; Lam, Christopher Wai Kei; Wang, Caiyun; **Bai, Li-Ping**; Wong, Vincent Kam Wai; Zhang, Wei*; Jiang, Zhi-Hong*. Profiling ribonucleotide and deoxyribonucleotide pools perturbed by remdesivir in human bronchial epithelial cells. *Frontiers in Pharmacology* **2021**, 12, 647280.
- 44) Liu, Xin; Yang, Ji; Fu, Jing; Xu, Pei-Lin; Xie, Tang-Gui; **Bai, Li-Ping**; Jiang, Zhi-Hong*, Zhu, Guo-Yuan*. Monoterpene-Flavonoid Conjugates from *Sarcandra glabra* and Their Autophagy Modulating Activities. *Bioorganic Chemistry* **2021**, 112, 104830.
- 45) Zhong Shan[#]; **Bai, Li-Ping**[#]; Liu, Xiaodong; Cai, Dieyi; Yau, Leefong; Huang, Chuqin; Zhang, Jiaqi; Lai, Kefang*; Zhong, Nanshan. Cough inhibition activity of *Schisandra chinensis* in guinea pigs. *Journal of Medicinal Food*, **2021**, 24, 448-357.
- 46) Liu, Xin; Jing, Fu; Yang, Ji; Huang, AnCheng; Li, Run-Feng; **Bai, Li-Ping**; Liu, Liang; Jiang, Zhi-Hong*; Zhu, Guo-Yuan*. Linderaggregrolides A–N, Oxygen-Conjugated Sesquiterpenoid Dimers from the Roots of *Lindera aggregata*. *ACS Omega* **2021**, 6, 5898-5909.
- 47) Yang, Ji; Liu, Xin; Fu, Jing; Lyu, Hao-Yuan; **Bai, Li-Ping**; Jiang, Zhi-Hong*; Zhu, Guo-Yuan*. Ecn{ekpfcrj kpgu"C L."Fcrj pkr j {mw o "cmcnqkfu"htq o "vjg"tqqvu"qh"Daphniphyllum calycinum RSC Advances **2021**, 11, 9057-9066.
- 48) Wang, Ye; Zheng, Zhong; Yuan, Yang; Wang, Mengdan; Guo, Zixia; Jiang, Yuan-Ye*; **Bai, Li-Ping***; Li, Yanzhong*. Cascade C-N Bond Cleavage of Amides / Intramolecular Amination Tgcev kppu<" Cp" Cvq o " Geppq o kecn" Y c {" vq" -Cabolin-4-ones. *Organic Chemistry Frontiers* **2020**, 8, 579-583.
- 49) Zhou, Xiaobo[#]; Xiao, Riping[#]; Chen, Ming; **Bai, Li-Ping***. Synthesis of Uscharin Oxime Analogues and Their Biological Evaluation as HIF-1 Inhibitors. *ChemistrySelect* **2020**, 5, 12869.
- 50) Li, Zheng; Qian, Zengting; Chen, Hongwei; Zhang, Huixia; Li, Yan; Wang, Caiyun; **Bai, Li-Ping**; Zhang, Wei*; Jiang, Zhi-Hong*. Similarity and specificity of traditional Chinese medicine formulas for the management of coronavirus disease 2019 and rheumatoid arthritis based on integrated network pharmacology. *ACS Omega* **2020**, 5, 30519.

- 51) Xu, Ting; Zheng, Zhiyuan; Guo, Yong*; **Bai, Li-Ping***. Semisynthesis of novel magnolol-based Mannich base derivatives that suppress cancer cells via inducing autophagy. *European Journal of Medicinal Chemistry* **2020**, 205, 112663.
- 52) Huang, Qi; Zhang, Hui; **Bai, Li-Ping**, Law, Betty Yuen Kwan; Xiong, Haoming; Zhou, Xiaobo; Xiao, Riping; Qu, Yuan Qing; Mok, Simon Wing Fai; Liu, Liang*; Wong, Vicent Kam Wai*. Novel ginsenoside derivative 20(S)-Rh2E2 suppresses tumor growth and metastasis in vivo and in vitro via intervention of cancer cell energy metabolism, *Cell Death and Disease* **2020**, 11, 621.
- 53) Liu, Meixian; Li, Na; Zhang, Yida; Zheng, Zhiyuan; Zhuo, Yue; Sun, Baoqing; **Bai, Li-Ping**; Zhang, Mingming; Guo, Mingquan; Wu, Jianlin*. Characterization of Covalent Protein Modification by Triclosan in vivo and in vitro via Three-Dimensional Liquid Chromatography-Mass Spectrometry: New Insight into Its Adverse Effects. *Environment International* **2020** 136, 105423.
- 54) Wang, Zhihua; Wu, Wenbo; Guan, Xiangchen; Guo, Shuang; Li, Chaowen; Niu, Ruixue; Gao, Jie; Jiang, Min; **Bai, Li-Ping**; Leung, Elaine Laihan; Hou, Yuanyuan*; Jiang, Zhi-Hong*; Bai, Gang*. Multiomic analysis revealed 20(s)-protopanaxatriol promotes the binding of P53 and DNA to regulate the antitumor network. *Acta Pharmaceutica Sinica*, **2020**, 10(6), 1020-1035.
- 55) Jin, Jing[#]*; Xue, Nina[#]; Liu, Yuan; Fu, Rong; Wang, Mingjin; Ji, Ming; Lai, Fangfang; Hu, Jinping; Wang, Xiaojian; Xiao, Qiong; Zhang, Xiaoying; Yin, Dali; **Bai, Li-Ping**; Chen, Liping*; Rao, Shuan*. A novel S1P1 modulator IMM002 ameliorates psoriasis in multiple animal models, *Acta Pharmaceutica Sinica*, **2020**, 10(2), 276-288.
- 56) Chen, Qi; Liu, Juan; Zhuang, Yuxin; **Bai, Li-Ping**; Yuan, Qing; Zheng, Silin; Liao, Kangsheng; Khan, Md. Asaduzzaman; Wu, Qibiao; Luo, Cheng; Liu, Liang; Wang, Hui*; Li, Ting*. Kf g p v k h k e c v k q p " q h " c p " K M M " k p j k d k v q t " h q t " k p j k d k v k q p " q h " k p h n c o o c v k q p " k p " x k x q " c p f " k p " x k v t q 0 " *Pharmacological Research*, **2019**, 149, 104440.
- 57) Zhou, Xiaobo[#]; Chen, Li[#]; Jiang, Zhi-Hong; Chen, Xiao Yi; Luo, Pei*; **Bai, Li-Ping***. Synthesis of 21-Alkylidenes and 21-Alkylol Analogues of Uscharin and Their Effects on Intracellular Calcium in Cardiac Cells. *Chemistryselect* **2019**, 4 (19), 5513-5517.

- 58) Liu, Xin; Yang, Ji; Yao, Xiaojun; Yang, Xing; Fu, Jing; **Bai, Li-Ping**; Liu, Liang; Jiang, Zhi-Hong*; Zhu, Guo-Yuan*. Linderalides A-D, Disesquiterpenoids Geranylbenzofuranone Conjugates from *Lindera aggregate*. *Journal of Organic Chemistry* **2019**, *84* (12), 8248-8247.
- 59) Liu, Juan; **Bai, Li-Ping**; Yang, Fen; Yao, Xiaojun; Lei, Kawai; Lam, Christopher Wai Kei; Wu, Qibiao; Zhuang, Yuxin; Xiao, Riping; Liao, Kangsheng; Kuok, Hioha; Li, Ting*; Liu, Liang*. Potent Antagonists of ROR γ 1, Cardenolides from *Calotropis gigantea*, Exhibit Discrepant Effects on the Differentiation of T Lymphocyte Subsets. *Molecular Pharmaceutics* **2019**, *6* (2), 798-807.
- 60) Qin, Hong-Yan *; Kou, Jia-Xin; Rao, Zhi; Zhang, Guo-Qiang; Wang, Xiao-Hua; **Bai, Li-Ping**; Wei, Yu-Hui. N-acetyltransferase Activity Assay and Inhibitory Compounds Screening by Using Living Human Hepatoma HepaRG Cell Model. *International Journal of Pharmacology* **2019**, *15* (2), 229-237.
- 61) Fan, Dongsheng; Li, Ting; Zheng, Zhiyuan; Zhu, Guo-Yuan; Yao, Xiaojun; Jiang, Zhi-Hong*; **Bai, Li-Ping***. Macrolide sesquiterpene pyridine alkaloids from the stems of *Tripterygium regelii*. *Journal of Natural Medicines* **2019**, *73* (1), 233.
- 62) Zhu, Guo-Yuan*; Yang, Ji; Yao, Xiaojun; Yang, Xing; Fu, Jing; Liu, Xin; **Bai, Li-Ping**; Liu, Liang; Jiang, Zhi-Hong*. (+/-)-Sativamides A and B, Two Pairs of Racemic Nor-Lignanamide Enantiomers from the Fruits of *Cannabis sativa*. *Journal of Organic Chemistry* **2018**, *83* (4), 2376-2381.
- 63) Zhou, Xiaobo[#]; Qu, Yuan Qing[#]; Zheng, Zhiyuan; Law, B. Yuen Kwan; Mok, S. Wing Fai; Jiang, Zhi-Hong*; Wong, V. Kam Wai*; **Bai, Li-Ping***. Novel dauricine derivatives suppress cancer via autophagy-dependent cell death. *Bioorganic Chemistry* **2019**, *83*, 450-460.
- 64) Sun, B.; Liang, Z.; Xie, B. P.; Li, R. T.; Li, L. Z.; Jiang, Z.-H.; **Bai, Li-Ping**; Chen, Jin Xiang*. Fluorescence sensing platform based on ruthenium(II) complexes as high 3S (sensitivity, specificity, speed) and "on-off-on" sensors for the miR-185 detection. *Talanta* **2018**, *179*, 658-667.
- 65) Zhou, Xiao Bo[#]; Chen, Ming[#]; Zheng, Zhi Yuan; Zhu, Guo-Yuan; Jiang, Zhi-Hong*; **Bai, Li-Ping***. Synthesis and evaluation of novel 12-aryl berberine analogues with hypoxia-inducible factor-1 inhibitory activity. *RSC Advances* **2017**, *7*(3), 26921-26929.

- 66) Yang, S. P.; Zhao, W.; Hu, P. P.; Wu, K. Y.; Jiang, Z.-H.; **Bai, Li-Ping**; Li, M. M.; Chen, J. X. Lanthanum-Based Metal-Organic Frameworks for Specific Detection of Sudan Virus RNA Conservative Sequences down to Single-Base Mismatch. *Inorg Chem* **2017**, *56* (24), 14880-14887.
- 67) Sun, B.; Zhao, H. Q.; Xie, B. P.; **Bai, Li-Ping**; Jiang, Z.-H.; Chen, Jin Xiang. Sequence-specific fluorometric recognition of HIV-1 ds-DNA with zwitterionic zinc(II)-carboxylate polymers. *J Inorg Biochem* **2017**, *176*, 17-23.
- 68) Qiu, G. H.; Lu, W. Z.; Hu, P. P.; Jiang, Z.-H.; **Bai, Li-Ping**; Wang, T. R.; Li, M. M.; Chen, Jin Xiang*. A metal-organic framework based PCR-free biosensor for the detection of gastric cancer associated microRNAs. *J Inorg Biochem* **2017**, *177*, 13842.
- 69) Fan, Dongsheng; Zhou, Shuangyan; Zheng, Zhiyuan; Zhu, Guo-Yuan; Yao, Xiaojun; Yang, Ming Rong; Jiang, Zhi-Hong; **Bai, Li-Ping***. New Abietane and Kaurane Type Diterpenoids from the Stems of *Tripterygium regelii*. *International Journal of Molecular Sciences* **2017**, *18* (1), 147.
- 70) Xie, B.-P.[#]; Qiu, G.-H.[#]; Hu, P.-P.; Liang, Z.; Liang, Y.-M.; Sun, B.; **Bai, Li-Ping**; Jiang, Z.-H.; Chen, Jin-Xiang*. Simultaneous detection of Dengue and Zika virus RNA sequences with a three-dimensional Cu-based zwitterionic metal-organic framework, comparison of single and synchronous fluorescence analysis. *Sensors and Actuators B: Chemical* **2025**, *4*, 1133-1140.
- 71) Yan, Fenggen; Yang, Fen; Wang, Rui; Yao, Xiao Jun; **Bai, Li-Ping**; Zeng, Xing; Huang, J.; Wong, V. Kam Wain; Lam, C. W.; Zhou, Hua; Su, Xiaohui; Liu, Juan; Li, Ting*; Liu, Liang*. Isoliquiritigenin suppresses human T Lymphocyte activation via covalently binding cysteine 46 of IkappaB kinase. *Oncotarget* **2017**, *8*(21), 34223-34235.
- 72) Wong, V. Kam Wai; Dong, Hang; Liang, Xu; **Bai, Li-Ping**; Jiang, Zhi-Hong; Guo, Y.; Kong, A. N. T.; Wang, R.; Kam, R. K. T.; Law, B. Yuen Kwan; Hsiao, W. W. L.; Chan, K. M.; Wang, Jing Rong; Chan, R. W. K.; Guo, J. R.; Zhang, W.; Yen, F. G.; Zhou, H.; Leung, E. L. H.; Yu, Z. L.; Liu, Liang*. Rh2E2, a novel metabolic suppressor, specifically inhibits energy-based metabolism of tumor cells. *Oncotarget* **2016**, *7* (9), 9907-9924.
- 73) Wang, Jing-Rong; Tong, Tian Tian; Yau, Lee Fong; Chen, Cheng Yu; **Bai, Li-Ping**; Ma, Jing; Hu, Ming; Liu, Liang; Jiang, Zhi-Hong. Characterization of oxygenated metabolites of

- ginsenoside Rg1 in plasma and urine of rat. *J Chromatogr B Analyt Technol Biomed Life Sci* **2016**, 1026, 75-86.
- 74) Parhira, Supawadee; Zhu, Guo-Yuan; Li, Ting; Liu, Liang; **Bai, Li-Ping***; Jiang, Zhi-Hong*. Inhibition of IKK-beta by epidioxysterols from the flowers of *Calotropis gigantea* (Niu jiao gua). *Chinese Medicine* **2016**, 11, 9.
- 75) Parhira, Supawadee; Zhu, Guo-Yuan; Chen, Ming; **Bai, Li-Ping***; Jiang, Zhi-Hong*, Cardenolides from *Calotropis gigantea* as potent inhibitors of hypoxia-inducible factor-1 transcriptional activity. *Journal of Ethnopharmacology* **2016**, 194, 93-106.
- 76) Li, Jin Xin; Sakata, A.; He, Han Ping; **Bai, Li-Ping**; Murata, A.; Dohno, C.; Nakatani, Kazuhiko*. Naphthyridine-Benzoazaquinolone: Evaluation of a Tricyclic System for the Binding to (CAG)(n) Repeat DNA and RNA. *Chemistry in Asian Journal* **2016**, 11 (13), 1971-1981.
- 77) Li, Jin Xin; Matsumoto, J.; **Bai, Li-Ping**; Murata, A.; Dohno, C.; Nakatani, Kazuhiko*. A Ligand That Targets CUG Trinucleotide Repeats. *Chemistry in a European Journal* **2016**, 22(42), 14881-14889.
- 78) Fan, Dong Sheng; Zhu, Guo-Yuan; Li, Ting; Jiang, Zhi-Hong*; **Bai, Li-Ping***. Dimacrolide Sesquiterpene Pyridine Alkaloids from the Stems of *Tripterygium regelii*. *Molecules* **2016**, 21 (9), 1146.
- 79) Fan, Dong Sheng; Zhu, Guo-Yuan; Chen, Ming; Xie, Li Min; Jiang, Zhi-Hong; Xu, Liang; **Bai, Li-Ping***. Dihydro-beta-agarofuran sesquiterpene polyesters isolated from the stems of *Tripterygium regelii*. *Fitoterapia* **2016**, 112, 18.
- 80) Fan, Dong Sheng; Parhira, Supawadee; Zhu, Guo-Yuan; Jiang, Zhi-Hong; **Bai, Li-Ping***. Triterpenoids from the stems of *Tripterygium regelii*. *Fitoterapia* **2016**, 113, 69-73.
- 81) Chen, Cheng Yu; **Bai, Li-Ping**; Ke, Zhen Feng; Liu, Yan; Wang, Jing-Rong*; Jiang, Zhi-Hong*, G-Quadruplex DNA-binding quaternary alkaloids from *Tylophora atrofoliculata*. *RSC Advances* **2016**, 6(115), 114135-114142.
- 82) Wang, Rui; Zhang, C. Y.; **Bai, Li-Ping**; Pan, Hui Dan; Shu, L. M.; Kong, A. N. T.; Leung, E. Lai Han; Liu, Liang; Li, Ting*. Flavonoids derived from liquorice suppress murine macrophage

activation by up-regulating heme oxygenase-1 independent of Nrf2 activation. *International Immunopharmacology* **2015**, 28 (2), 919-24.

83) Wang, Jing-Rong; Yau, Lei-Fong; Tong, Tian-Tian; Feng, Qi-Tong; **Bai, Li-Ping**, Ma, Jing; Hu, Ming; Liu, Liang; Jiang, Zhi-Hong*. Characterization of Oxygenated Metabolites of Ginsenoside Rb1 in Plasma and Urine of Rat. *Journal of Agricultural and Food Chemistry* **2015**, 63, 2689-2700.

84) Zhu, G.-Y.; Yao, X. J.; Liu, L.; **Bai, Li-Ping** *; Jiang, Z.-H.*, Alistonitrine A, a Caged Monoterpene Indole Alkaloid from *Alstonia scholaris*. *Organic Letters* **2014**, 16 (4), 1080-1083.

85) Zhu, G.-Y.; Chen, G. Y.; Liu, L.; **Bai, Li-Ping***; Jiang, Z.-H.*, C-17 Lactam-Bearing Limonoids from the Twigs and Leaves of *Amoora tsangii*. *Journal of Natural Products* **2014**, 77 (4), 983-989.

86) Zhu, G.-Y.; **Bai, Li-Ping**; Liu, L.*; Jiang, Z.-H.*, Limonoids from the fruits of *Melia toosendan* and their NF-kappa B modulating activities. *Phytochemistry* **2014**, 107, 175-81.

87) Yang, Z. F.#; **Bai, Li-Ping**#; Huang, W. B.; Li, X. Z.; Zhao, S. S.; Zhong, N. S.*; Jiang, Z.-H. *, Comparison of in vitro antiviral activity of tea polyphenols against influenza A and B viruses and structure-activity relationship analysis. *Fitoterapia* **2014**, 93, 475-3.

88) Parhira, S.; Zhu, G.-Y.; Jiang, R. W.; Liu, L.; **Bai, Li-Ping***; Jiang, Z.-H.*, 2'-Epi-uscharin from the Latex of *Calotropis gigantea* with HIF-1 Inhibitory Activity. *Scientific Reports* **2014**, 4, 4748.

89) Parhira, S.; Yang, Z. F.; Zhu, G.-Y.; Chen, Q. L.; Zhou, B. X.; Wang, Y. T.; Liu, L.; **Bai, Li-Ping***; Jiang, Z.-H. *, In Vitro Anti-Influenza Virus Activities of a New Lignan Glycoside f iL 0 Td(-)-2 (t)-1a.(i)

- G-quadruplexes. *Analytical and Bioanalytical Chemistry* **2014**, 406 (22), 5451-5463.
- 92) **Bai, Li-Ping**; Hagihara, M.; Nakatani, K.; Jiang, Z.-H.*, Recognition of Chelerythrine to Human Telomeric DNA and RNA G-quadruplexes. *Scientific Reports* **2014**, 4, 6767.
- 93) **Bai, Li-Ping**; Ho, H. M.; Ma, D. L.; Yang, H.; Fu, W. C.; Jiang, Z.-H.*, Aminoglycosylation Can Enhance the G-Quadruplex Binding Activity of Epigallocatechin. *Plos One* **2013**, 8 (1), e53962.
- 94) Yang, W. G.; Wong, Y.; Ng, O. T. W.; **Bai, Li-Ping**; Kwong, D. W. J.; Ke, Y.; Jiang, Z.-H.; Li, H. W.*; Yung, K. K. L.*; Wong, M. S.*, Inhibition of Beta-Amyloid Peptide Aggregation by Multifunctional Carbazole-Based Fluorophores. *Angewandte Chemie International Edition* **2012**, 51 (8), 1804-1810.
- 95) He, H.; **Bai, Li-Ping**; Jiang, Z.-H.*, Synthesis and human telomeric G-quadruplex DNA-binding activity of glucosaminosides of shikonin/alkannin. *Bioorganic & Medicinal Chemistry Letters* **2012**, 22 (4), 1582-1586.
- 96) Man, B. Y. W.; Chan, H. M.; Leung, C. H.; Chan, D. S. H.; **Bai, Li-Ping**; Jiang, Z.-H.; Li, H. W.; Ma, D. L.*, Group 9 metal-based inhibitors of beta-amyloid (1-40) fibrillation as potential therapeutic agents for Alzheimer's disease. *Chemical Science* **2011**, 2 (5), 919-921.
- 97) Ma, D. L.; Kwan, M. H. T.; Chan, D. S. H.; Lee, P.; Yang, H.; Ma, V. P. Y.; **Bai, Li-Ping**; Jiang, Z.-H.; Leung, C. H., Crystal violet as a fluorescent switch-on probe for i-motif: label-free DNA-based logic gate. *Analyst* **2011**, 136 (13), 2692-2696.
- 98) Dong, H.[#]; **Bai, Li-Ping**[#]; Wong, V. K. W.; Zhou, H.; Wang, J. R.; Liu, Y.; Jiang, Z.-H.*; Liu, L.*, The in Vitro Structure-Related Anti-Cancer Activity of Ginsenosides and Their Derivatives. *Molecules* **2011**, 16 (12), 10619-10630.
- 99) Chan, D. S. H.; Yang, H.; Kwan, M. H. T.; Cheng, Z.; Lee, P.; **Bai, Li-Ping**; Jiang, Z.-H.; Wong, C. Y.; Fong, W. F.; Leung, C. H.*; Ma, D. L.*, Structure-based optimization of FDA-approved drug methylene blue as a c-myc G-quadruplex DNA stabilizer. *Biochimie* **2011**, 93 (6), 1055-1064.
- 100) Chu, C.; Xia, L.; **Bai, Li-Ping**; Li, Q.; Li, P.; Chen, H. B.; Zhao, Z. Z.*, Authentication of the 31 Species of Toxic and Potent Chinese Materia Medica by Light Microscopy, Part 3: Two

Species of T/PCMM from Flowers and Their Common Adulterants. *Microscopy Research and Technique* **2009**, 72 (6), 454-463.

- 101) Xia, L.; **Bai, Li-Ping**; Chu, C.; Li, P.; Jiang, Z.-H.; Zhao, Z. Z.*, Authentication of the 31 species of Toxic and Potent Chinese Materia Medica (T/PCMM) by microscopic technique, Part 2: Three species of seed T/PCMM. *Microscopy Research and Technique* **2008**,(4), 325-333.
- 102) **Bai, Li-Ping**; Hagihara, M.; Jiang, Z.-H.*; Nakatani, K.*, Ligand Binding to Tandem G Quadruplexes from Human Telomeric DNA. *ChemBioChem* **2008**, 9 (16), 2583-2587.
- 103) **Bai, Li-Ping**; Cai, Z. W.; Zhao, Z. Z.; Nakatani, K.; Jiang, Z.-H.*, Site-specific binding of chelerythrine and sanguinarine to single pyrimidine bulges in hairpin DNA. *Analytical and Bioanalytical Chemistry* **2008**, 392 (4), 709-716.
- 104) Xia, L.; **Bai, Li-Ping**; Yi, L.; Liu, B. B.; Chu, C.; Liang, Z. T.; Li, P.; Jiang, Z.-H.; Zhao, Z. Z.*, Authentication of the 31 species of toxic and potent chinese materia medica (T/PCMM) by microscopic technique, part 1: Three kinds of toxic and potent animal CMM. *Microscopy Research and Techniq***2007**, 70 (11), 960-968.
- 105) Long, Y. H. #; **Bai, Li-Ping** #; Qin, Y.; Pang, J. Y.; Chen, W. H.; Cai, Z. W.; Xu, Z. L.; Jiang, Z.-H., Spacer length and attaching position-dependent binding of synthesized protoberberine dimers to double-stranded DNA.

contrast agent for magnetic resonance imaging, kit and composition comprising it and their use. filed on Sep. 21, 2016, U.S. Patent Application Serial No. 15/271,368. **Patent No. US 10,759,757 B2, Date of Patent 1 Sep. 2020**/ IP Australia 2016101702, granted on 6 Oct. 2016.

- 11) Chen Jin-Xiang, Xie Bao-Ping, Qiu Gui-Hua, Hu Pei-Pei, Liang Zhen, Liang Ye-Mei, Sun Bin, **Bai Li-Ping**, Jiang Zhi-Hong. Crystalline copper-based coordination polymers and their use. filed on 22 May. 2017, Application Serial No. 15/600,957, **Patent No. US 10.519.500 B2, Date of Patent 31 Dec. 2019**/ IP Australia 2017100590, granted on 8 Jun. 2017.
- 12) Chen Jin-Xiang, Sun Bin, Xie Bao-Ping, Jiang Zhi-Hong, **Bai Li-Ping**. Crystalline lanthanum-carboxylate coordination polymers and their use. filed on 18 May. 2017, Application Serial No. 15/598,434, **Patent No. US 10.260.114 B2, Date of Patent 16 Apr. 2019**/ IP Australia 2017100565, granted on 1 Jun. 2017.
- 13) Chen Jin-Xiang, Sun Bin, Zhao Hai-Qing, Xie Bao-Ping, **Bai Li-Ping**, Jiang Zhi-Hong. Zwitterionic zinc(II) carboxylate compounds and their use. filed on 30 Aug. 2016, Application Serial No. 15/251,300, **Patent No. US 10,023,594 B2, Date of Patent 17 Jul. 2018**/ IP Australia 2016101528, granted on 29 Sep. 2016.
- 14) Zhu Guo-Yuan, Jiang Zhi-Hong, Yang Ji, Yao Xiao-Jun, Liu Xin, Fu Jing, **Bai Li-Ping**, Liu Liang. Novel Liganamides and a method of treating neurodegenerative diseases by using the same. **Patent No. US 10,155,721 B2 Date of Patent 18 Dec. 2018**/ IP Australia 2017100992, granted on 9 August 2017.
- 15) Liu Liang, Li Ting, **Bai Li-Ping**. Method of Treating an Autoimmune Disease. IP Australia 2017101742, granted on 17 Jan. 2018.
- 16) **Bai Li-Ping** and Jiang Zhi-Hong. Recognition of chelerythrine to human telomeric DNA and RNA G-quadruplexes. IP Australia 2014100708, granted on 10 July 2014.
- 17) **Bai Li-Ping**, Parhira Supawadee, Zhu Guo-Yuan, Yang Zi-Feng, Chen Qiao-Lian, Wang Yu-Tao, Liu Liang, Jiang Zhi-Hong. In Vitro Anti-influenza Virus Activities of a New Lignan Glycoside from the Latex of *Calotropis gigantea*. IP Australia 2014100709, granted on 10 July 2014.
- 18) **Bai Li-Ping** and Jiang Zhi-Hong. Mass Spectrometric Studies on Effects of Counter Ions of

TMPyP4 on Binding to Human Telomeric DNA and RNA G-Quadruplexes. IP Australia 2014100806, granted on 31 July 2014.

19) **Bai Li-Ping**, Parhira Supawadee, Zhu Guo-Yuan, Liu Liang, Jiang Zhi-Hong. 4 -Epi-uscharin from the Latex of Calotropis gigantea with HIF-1 Inhibitory Activity. IP Australia 2014100813, granted on 14 August 2014.

20) **Bai Li-Ping**, Parhira Supawadee, Zhu Guo-Yuan, Li Ting, Liu Liang, Jiang Zhi-Hong. Method of using epidioxysterols from Calotropis gigantea to inhibit IKK-beta activity, IP Australia 2014100822, granted on 31 July 2014.

21) Zhu Guo-Yuan, **Bai Li-Ping**, Liu Liang, Jiang Zhi-Hong. Limonoids from the Fruits of Melia toosendan and Their NF- D" Oqfwncvki" Cevkxkvku0" KR" Cwuvtenk 2014100777, granted on 31 July 2014.

22) Zhu Guo-Yuan, **Bai Li-Ping**, Chen Guang-Ying, Liu Liang, Jiang Zhi-Hong. Lactam-bearing limonoids from the twigs and leaves of Amoora tsangii. IP Australia 2014100738, granted on 17 July 2014.

23) Liu Liang, **Bai Li-Ping**, Dong Hang, Wong Kam-Wai, Jiang Zhi-Hong, Zhou Hua. A novel ginsenoside with anticancer activity and the preparation method thereof. U.S. Patent Application Serial No. 61725997, Patent No. US9,051,348B2

24) Liu Liang, **Bai Li-Ping**, Dong Hang, Wong Kam-Wai, Jiang Zhi-Hong, Zhou Hua. A novel ginsenoside with anti-cancer activity and the preparation method thereof. IP Australia 2013101321, granted on 24 October 2013.

25)

	202210344018.8	2022	4	2
CN 114818874 A	2022	7	29	

26)

	202210346579.1	2022	4	2
CN 114821554 A	2022	7	29	

27)

/

- 31) , CN 117017989 A, 2023 11 10 202311098036.3, 2023 8
- 28) 202311189621.4 2023 9 15
- 29) 202311195997.6 2023 9 18
- 30) 202410885620.1 2024 7 3
- 31) 202410909990.4
2024 7 9

:

- 1) 2008
- 2) 2008
- 3) 2006
- 4) 2005

9 2020

(012/2020/AN) , , 2020.10

9 2018/2019 , 2019.08

9 2013 , 2014.09

9 2016 2017.09