



## TING LI, Ph.D.

Professor; Vice Dean, Institute for Interdisciplinary Application of Artificial Intelligence

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### RESEARCH INTERESTS

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- Mechanisms of inflammatory and autoimmune diseases using multi-omics technologies
- Novel mechanisms of drug action and discovery of new therapeutic targets
- Artificial intelligence for drug discovery and biomedical applications

### PROFESSIONAL PROFILE

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Dr. Ting Li is a Professor and doctoral supervisor at the State Key Laboratory of Quality Research in Chinese Medicines, Macau University of Science and Technology, and Vice Dean of the Institute for Interdisciplinary Application of Artificial Intelligence. She obtained her Ph.D. from Hong Kong Baptist University in 2010 and subsequently received postdoctoral training there. She joined Macau University of Science and Technology in September 2011 as an Assistant Professor and was later promoted to Associate Professor and Professor. Dr. Li has published more than 70 SCI-indexed papers in journals including Signal Transduction and Targeted Therapy, Cell Reports Medicine, Acta Pharmaceutica Sinica B (cover story), Pharmacological Research, Free Radical Biology and Medicine, and Angewandte Chemie International Edition. She holds 10 granted international invention patents, including 3 US patents, and 1 granted Chinese invention patent. Her awards include First Prizes of the Natural Science Award from the Ministry of Education of China (2014, 2018), First and Second Prizes of the Macau Science and Technology Award (2016, 2022), and the Chinese Biophysical Society Female Scientists Outstanding Scientific Research Achievements Award (Third Prize, individual award, 2023). As Principal Investigator, she has received funding from the National Key R&D Program of China for intergovernmental international science and technology innovation cooperation and the Science and Technology Development Fund of Macau, with total funding exceeding MOP 15 million. She also serves as an expert of the WHO Collaborating Centre for Traditional Medicine (Macau), Standing Council Member of the Specialty Committee of Chinese Medicine Immunology of the World Federation of Chinese Medicine Societies, committee member of multiple national academic societies, Associate Editor of MedComm - Future Medicine, and editorial board member of Frontiers in Immunology and Microstructures.

### EDUCATION AND TRAINING

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**2010**

Ph.D., Hong Kong Baptist University

**2010-2011**

Postdoctoral Fellow, Hong Kong Baptist University

### PROFESSIONAL APPOINTMENTS

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**03/2026-Present**

Vice Dean, Institute for Interdisciplinary Application of Artificial Intelligence, Macau University of Science and Technology.

<b>07/2023-Present</b>	Professor, State Key Laboratory of Quality Research in Chinese Medicines, Macau University of Science and Technology.
<b>07/2023-01/2024</b>	Visiting Professor, Karolinska Institutet, Sweden.
<b>07/2016-06/2023</b>	Associate Professor, State Key Laboratory of Quality Research in Chinese Medicines, Macau University of Science and Technology.
<b>09/2011-06/2016</b>	Assistant Professor, State Key Laboratory of Quality Research in Chinese Medicines, Macau University of Science and Technology.
<b>06/2010-08/2011</b>	Postdoctoral Fellow, Hong Kong Baptist University.
<b>09/2005-12/2006</b>	Research Assistant, Hong Kong Baptist University.

## TEACHING

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Undergraduate: Pharmacology; Microbiology and Immunology; Molecular Biology and Biochemistry; Pharmacology of Chinese Medicine; Laboratory Course in Pharmacology of Chinese Medicine.

Postgraduate: Experimental Methods and Design in Pharmacology.

## RESEARCH GRANTS AND FUNDED PROJECTS

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<b>2026.01-2029.01</b>	Discovery and validation of HPGDS as a novel therapeutic target for multiple sclerosis. FDCT International Cooperation Project, No. 0007/2025/AIJ, MOP 3,236,000.00, Principal Investigator.
<b>2024.09-2026.08</b>	Technical development and clinical application of ApoC3 protein as an early-warning biomarker for insulin resistance in polycystic ovary syndrome. FDCT Guangdong-Macau Joint Project, No. 0043/2024/AGJ, MOP 1,170,000.00, Principal Investigator.
<b>2023.11-2026.10</b>	Innovative drug discovery targeting Th17 cells for the treatment of autoimmune diseases. National Key R&D Program of China, Intergovernmental International Science, Technology and Innovation Cooperation, No. 0018/2023/AMJ, MOP 2,064,000, Principal Investigator.
<b>2022.07-2025.07</b>	Artificial intelligence technologies integrating clinical, single-cell and multi-omics data for precision diagnosis and treatment of colorectal cancer. FDCT, No. 0003/2021/AKP, MOP 7,330,000, Sub-project Principal Investigator.
<b>2021.04-2022.04</b>	Exploration of therapeutic strategies for 2019-nCoV based on the Spike/ACE2 interaction interface. FDCT, No. 0058/2020/A, MOP 385,000, Principal Investigator.
<b>2020.09-2022.09</b>	International training program for young researchers in higher education institutions. FDCT, No. 011/AIJ/2020, MOP 180,000, Principal Investigator.
<b>2018.10-2021.11</b>	Homeostatic regulation of protein degradation in inflammation and novel drug targets based on IKK $\beta$ knock-in mice. FDCT, No. 0017/2018/A1, MOP 2,145,000, Principal Investigator.
<b>2015.04-2015.12</b>	autoMACS Pro automated magnetic cell sorter. FDCT, No. 025/2014/SB, MOP 612,110, Principal Investigator.
<b>2014.05-2017.04</b>	Inhibitory effects and mechanisms of small molecules from Chinese medicines targeting ROR $\gamma$ t on Th17 cells and autoimmune diseases. FDCT, No. 081/2013/A3, MOP 1,810,400, Principal Investigator.

- 2012.05-2014.12** Protective effects on immune organs and synergistic anti-inflammatory mechanisms of co-administration of Chinese-medicine-derived dihydroflavonoids with dexamethasone. FDCT, No. 065/2011/A3, MOP 1,736,400, Principal Investigator.
- 2012.01-2012.12** Shikonin suppresses T-cell activation via inhibition of IKK $\beta$ -I $\kappa$ B $\alpha$ -NF- $\kappa$ B and MAPK signaling pathways. Macao Foundation, No. 0213, MOP 53,000.00, Principal Investigator.

## HONORS AND AWARDS

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- Chinese Biophysical Society Female Scientists Outstanding Scientific Research Achievements Award, Third Prize, Individual Award, 2023.
- Macau SAR Science and Technology Award, Natural Science, Second Prize, 2022. Project: Key technologies for the mechanism, diagnosis and treatment of COVID-19 based on artificial intelligence and multi-omics.
- Natural Science Award, First Prize, Higher Education Outstanding Scientific Research Achievement Award, Ministry of Education of China, 2018. Project: Novel mechanisms underlying abnormal cell proliferation and differentiation.
- MUST Zhongzhu Medical Life Sciences Research First Prize, Individual Award, 2017.
- MUST Bank of China Best Academic Research Award, Individual Award, 2016.
- Macau SAR Science and Technology Award, Natural Science, First Prize, 2016. Project: Novel pathogenic mechanisms and therapeutic approaches for rheumatoid arthritis.
- Natural Science Award, First Prize, Higher Education Outstanding Scientific Research Achievement Award, Ministry of Education of China, 2014. Project: Network-regulation mechanisms of holistic treatment in traditional Chinese medicine.

## AWARDS RECEIVED BY SUPERVISED TRAINEES

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- Juan Liu, Macau Postgraduate Student (Ph.D.) Scientific and Technological R&D Award, 2020.
- Juan Liu, Macau Higher Education Postdoctoral Special Funding Program, 2020.
- Fen Yang, Best Poster Award, World Life Sciences Conference, 2016.

## EDITORIAL APPOINTMENTS

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- Associate Editor, MedComm - Future Medicine.
- Editorial Board Member, Frontiers in Immunology.
- Editorial Board Member, Microstructures.

## PROFESSIONAL SERVICE

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- Expert, WHO Collaborating Centre for Traditional Medicine (Macau).
- Standing Council Member, Specialty Committee of Chinese Medicine Immunology, World Federation of Chinese Medicine Societies.
- Committee Member, Immunotherapy Engineering Branch, Chinese Society of Biomedical Engineering.
- Committee Member, Chinese Specialty Committee of Anti-inflammatory and Immunopharmacology.
- Committee Member, Clinical Pharmacology and Toxicology Branch, Chinese Association of Integrative Medicine.

## GRANTED PATENTS

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1. Novel binding site of IKK-beta. Australian Innovation Patent No. 2013101130; granted on 5 Sept 2013.

2. Development of a new formula overcoming thymus atrophy with concomitant enhancement of the anti-inflammatory effect of dexamethasone. Australian Innovation Patent No. 2014100379; granted on 1 May 2014.
3. Development of a new formula overcoming thymus atrophy with concomitant enhancement of the anti-inflammatory effect of dexamethasone. US Utility Patent No. 9,018,196; granted on 28 Apr 2015.
4. Isoliquiritigenin suppresses human T lymphocyte activation via targeting cysteine 46 of I $\kappa$ B kinase. Australian Innovation Patent No. 2015100662; granted on 28 May 2015.
5. Limonoids for treating autoimmune diseases. Australian Innovation Patent No. 2017100026; granted on 9 Jan 2017.
6. Method to treat anaphylactoid reaction. Australian Innovation Patent No. 2017100973; granted on 17 July 2017.
7. Method of treating rheumatoid arthritis. Australian Innovation Patent No. 2017101103; granted on 14 Aug 2017.
8. Method of treating an autoimmune disease. Australian Innovation Patent No. 2017101742; granted on 12 Dec 2017.
9. Limonoids for treating autoimmune diseases. US Utility Patent No. 9,901,566; granted on 27 Feb 2018.
10. Transgenic model for delayed-type hypersensitivity (DTH) and use thereof. US Utility Patent No. 9,955,676; granted on 2 May 2018.
11. Application of limonoids in autoimmune diseases. China Patent Publication No. CN 108371659 B; granted on 28 Oct 2022.

## PUBLICATIONS

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*Symbols: \* co-first author; # co-corresponding author. Publication metrics and rankings are retained from the source Chinese CV where available.*

1. Zhenghao Li, Wende Deng, Lanxuan Yang, Changheng Tang, Jian-Min Yue, Olivia Monteiro, and Daniel Baptista-Hon, Li T, Lipid metabolism in homeostasis and disease, Signal Transduct Target Ther. In Press [IF: 52.7, ranked 1st in 319 journals (0.2%) of BIOCHEMISTRY & MOLECULAR BIOLOGY]
2. Lee-Fong Yau, Meng-Lan Yu, Tian-Tian Tong, Long-Bo Bai, Yu-Hang Zhang, Ya-Ling Yu, Li T#, Zhi-Hong Jiang#, Nanoliposome strategy for improving bioavailability and anti-acute alcoholic effects of dihydromyricetin through ginsenoside incorporation, Food Bioscience, (2026) 108143. (#co-corresponding author). [IF: 5.9, ranked 32nd in 182 journals (17.6%) of category FOOD SCIENCE & TECHNOLOGY]
3. Li Y, Tao Y, Zhao Z, Zhong P, Zhong L, Yang H, Yu M, Liu S, Lei K, Zhao Q, Wang R, Wang J, Zeng Q, Kuang S, Li T. Long COVID as an independent predictor of myasthenia gravis exacerbation: A prospective cohort study integrating machine learning for risk stratification, Respir Med. 2025 Nov 29;251:108554. [IF: 3.1, ranked 33rd in 108 journals (30.6%) of category RESPIRATORY SYSTEM]
4. Deng W., Li T. Skin as an autonomous immune organ: Antibody production and host protection, Acta Pharm Sin B. 2025 May;15(5):2795-2797.[IF: 14.6, ranked 3rd in 353 journals (0.71%) of category PHARMACOLOGY & PHARMACY]
5. Deng WD\*, Liu JY\* Tang CH\* Li ZH, Qiu Y, Zhou H, Yang LX, Li T. Critical role of skin in pathogenesis: bidirectional crosstalk between skin and multiple organs. MedComm - Future Medicine. 2025. 4:e70020 (Cover story, Highlighted by EurekaAlert!)
6. Liu F, Niu Y, Zhang Q, Wang K, Dong Z, Wong IN, Cheng L, Li T, Duan L, Li K, Li G, Hou TW, Fok M, Luo H, Chen X, Zhang K, Yin Y. A foundational architecture for AI agents in healthcare. Cell Rep Med. 2025 Oct 21;6(10):102374. [IF: 10.6, ranked 15th in 195 journals (7.7% category MEDICINE, RESEARCH & EXPERIMENTAL)]
7. Liu F., Zhou H., Wang K., Yu Y., Gao Y., Sun Z., Liu S., Sun S., Zou Z., Li Z., Li B., Miao H., Liu Y., Hou T., Fok M., Patil N. G., Xue K., Li T., Oermann E., Yin Y., Zhang K. MetaGP: A generative foundation model integrating electronic health records and multimodal imaging for addressing unmet

- clinical needs. *Cell Reports Medicine*, 2025;15;6(4):102056. [IF: 10.6, ranked 15th in 195 journals (7.7% category MEDICINE, RESEARCH & EXPERIMENTAL)]
8. Lok L.S.C., Sarkar S., Lam C.C.I., Law C.F., Chau S.T., Leung C.Y.T., Cheang W.H., Li T., Monteiro O. and Baptista-Hon D.T. Long COVID across SARS-CoV-2 variants: Clinical features, pathogenesis, and future directions. *MedComm - Future Medicine* (2024)
9. Gao S, Yang C, Huang B, Yang L, Lu L, Yang H, Li T#, Pan Q#. Comparative efficacy and safety of different recommended doses of telitacicept in patients with systemic lupus erythematosus in China: a systematic review and meta-analysis. *Front Immunol*. 2025 Jan 10;15:1472292. (#co-corresponding author). [IF: 5.9, ranked 42nd in 183 journals (22.68%) of category IMMUNOLOGY]
10. Guo ZY, Tang YQ, Zhang ZB, Liu J, Zhuang YX, Li T. COVID-19: from immune response to clinical intervention. *Precis Clin Med*. 2024 Jul 18;7(3):pbae015. [IF: 5.0, ranked 45th in 195 journals (22.8%) of category MEDICINE, RESEARCH & EXPERIMENTAL]
11. Wang MM, Zhao Y, Liu J, Tang Y, Fan R, Guo Z, Li T, The role of the cGAS-STING signaling pathway in viral infections, inflammatory and autoimmune diseases. *Acta Pharmacol Sin*, 2024 Jun 1. [IF: 8.4, ranked 15th in 353 journals (4.1%) of category PHARMACOLOGY & PHARMACY]
12. Wang X, Li J, Chen R, Li T, Chen M. Active Ingredients from Chinese Medicine for Combination Cancer Therapy. *Int J Biol Sci*. 2023 Jul 9;19(11):3499-3525. [IF: 10.0, ranked 26th in 320 journals (8.1%) of category BIOCHEMISTRY & MOLECULAR BIOLOGY]
13. Ji KL, Tang YQ, Guo ZY, GongPan PC, Sun P, Lu JM, Dai MY, Li T. Natural Geranylated Sulfur-Containing Amides with Inhibitory Effect on Th17 Differentiation. *Chem Biodivers*. 2023 Jun;20(6):e202300373. doi: 10.1002/cbdv.202300373. Epub 2023 May 22. [IF: 2.5, ranked 123rd in 239 journals (51.5%) of category CHEMISTRY, MULTIDISCIPLINARY]
14. Zhao Y, Jin H, Lei K, Bai LP, Pan H, Wang C, Zhu X, Tang Y, Guo Z, Cai J, Li T. Oridonin inhibits inflammation of epithelial cells via dual-targeting of CD31 Keap1 to ameliorate acute lung injury. *Front Immunol*. 2023 Apr 6;14:1163397. [IF: 5.9, ranked 42nd in 183 journals (22.68%) of category IMMUNOLOGY]
15. Zhang Q, Hao S, Li L, Liu M, Huo C, Bao W, Cheng H, Fung H, Wong T, Wu W, Leung P, Wang S, Li T, Zhang G, Li M, Zhao Z, Jia W, Bian Z, Mitchison T, Zhang J, Lyu A, Han Q. M cells of mouse and human Peyer's patches mediate the lymphatic absorption of an Astragalus hyperbranched heteroglycan. *Carbohydr Polym*. 2022 Nov 15;296:119952. [IF: 12.5, ranked 1st in 57 journals (1.8%) of category POLYMER SCIENCE]
16. Wang Y, Deng W, Liu J, Yang Q, Chen Z, Su J, Xu J, Liang Q, Li T, Liu L, Li X. IKK $\beta$  increases neuropilin-2 and promotes the inhibitory function of CD9+ Bregs to control allergic diseases. *Pharmacol Res*. 2022 Nov;185:106517. [IF: 10.334, ranked 15th in 279 journals (5.38%) of category PHARMACOLOGY & PHARMACY]
17. Zhang Q, Li L, Hao S, Liu M, Huo C, Wu J, Liu H, Bao W, Zheng H, Li Z, Cheng H, Fung H, Wong T, Leung P, Wang S, Li T, Zhang G, Li M, Zhao Z, Jia W, Bian Z, Mitchison T, Zhang J, Lyu A, Han Q, Sun H. A lymphatic route for a hyperbranched heteroglycan from Radix Astragali to trigger immune responses after oral dosing. *Carbohydr Polym*. 2022 Sep 15;292:119653 [IF: 12.5, ranked 1st in 57 journals (1.8%) of category POLYMER SCIENCE]
18. Wang M, Zhao Y, Liu J, Li T. SARS-CoV-2 modulation of RIG-I-MAVS signaling: Potential mechanisms of impairment on host antiviral immunity and therapeutic approaches. *MedComm Futur Med*. 2022 Sep;1(2):e29.
19. Zheng Z, Xu T, Liu Z, Tian W, Jiang ZH, Zhu GY, Li T, Gao J, Bai LP. Cryptolepine suppresses breast adenocarcinoma via inhibition of HIF-1 mediated glycolysis. *Biomed Pharmacother*. 2022 Sep;153:113319. [IF: 7.5, ranked 19th in 352 journals (5.3%) of category PHARMACOLOGY & PHARMACY]
20. Liu J, Zhuang YX, Wu J, Wu Q, Liu MX, Zhao Y, Liu ZQ, Wang CY, Lu LL, Meng YJ, Lei KW, Li XJ, Wu QB, Leung ELH, Guo ZY, Liu L#, Li T#, IKK $\beta$  mediates homeostatic function in inflammation via competitively phosphorylating AMPK and IB. *Acta Pharm Sin B*. 2022

- Feb;12(2):651-664. (#corresponding author, cover story) [IF: 14.8, ranked 6th in 352 journals (1.6%) of category PHARMACOLOGY & PHARMACY]
21. Xiao RP, Lei KW, Kuok HH, Deng WD, Zhuang YX, Tang YQ, Guo ZY, Qin HY#, Bai L-P #, Li T#, Synthesis and identification of lithocholic acid 3-sulfate as ROR $\gamma$ t ligand to inhibit Th17 cell differentiation. *J Leukoc Biol.* 2022 Feb 21. doi: 10.1002. (#corresponding author) [IF: 3.1, ranked 31st in 98 journals (31.1%) of category HEMATOLOGY]
22. Huang X, Chen L, Zhang Y, Zhou S, Cai HH, Li T, Jin H, Cai J, Zhou H, Pi J. GE11 Peptide Conjugated Liposomes for EGFR-Targeted and Chemophotothermal Combined Anticancer Therapy. *Bioinorg Chem Appl.* 2021 Mar 31;2021:5534870. [IF: 4.724, ranked 6th in 46 journals (13.04%) of category CHEMISTRY, INORGANIC & NUCLEAR]
23. Wang J, Xu C, Chen Y, Shao L, Li T, Fan X, Yu L, Zhang R, Chen B, Chen H, Sui X, Leung EL, Wu Q.  $\beta$ -elemene enhances the antitumor activity of erlotinib by inducing apoptosis through AMPK and MAPK pathways in TKI-resistant H1975 lung cancer cells. *J Cancer.* 2021 Feb 22;12(8):2285-2294. [IF: 4.478, ranked 115th in 245 journals (46.73%) of category ONCOLOGY]
24. Zheng Z, Zhou Z, Zhang Q, Zhou X, Yang J, Yang MR, Zhu GY, Jiang ZH, Li T, Lin Q, Bai LP. Non-classical cardenolides from *Calotropis gigantea* exhibit anticancer effect as HIF-1 inhibitors. *Bioorg Chem.* 2021 Feb 18;109: 104740. [IF: 1.254, ranked 52nd in 63 journals (81.75%) of category CHEMISTRY, ORGANIC]
25. Ge ZP, Fan YY, Deng WD, Zheng CY, Li T, Yue JM. Cephalodiones A-D: Compound Characterization and Semisynthesis by [6+6] Cycloaddition. *Angew Chem Int Ed Engl.* 2021 Feb 2. doi: 10.1002/anie.202015332. [IF: 16.823, ranked 15th in 179 journals (8.1%) of category CHEMISTRY, MULTIDISCIPLINARY]
26. Liao K, Su X, Lei K, Liu Z, Lu L, Wu Q, Pan H, Huang Q, Zhao Y, Wang M, Cai J, Liu L#, Li T#. Sinomenine protects bone from destruction to ameliorate arthritis via activating p62Thr269/Ser272-Keap1-Nrf2 feedback loop. *Biomed Pharmacother.* 2021 Jan 1;135:111195. (#co-corresponding author) [IF: 7.5, ranked 19th in 352 journals (5.3%) of category PHARMACOLOGY & PHARMACY]
27. Huang X, Cai H, Zhou H, Li T, Jin H, Evans CE, Cai J, Pi J. Cobalt oxide nanoparticle-synergized protein degradation and phototherapy for enhanced anticancer therapeutics. *Acta Biomater.* 2021 Feb;121:605-620. [IF: 10.633, ranked 13th in 98 journals (12.76%) of category ENGINEERING, BIOMEDICAL]
28. Wu Q, Yao X, Chen H, Liu Z, Li T, Fan X, Zhang G, Yu L, Chen M, Xu C, Zhang R, Chen B, Sui X, Leung EL. Long-term aspirin use for primary cancer prevention: An updated systematic review and subgroup meta-analysis of 29 randomized clinical trials. *J Cancer.* 2020 Sep 14;11(21):6460-6473. [IF: 4.478, ranked 115th in 245 journals (46.73%) of category ONCOLOGY]
29. Ji KL, Fan YY, Kuok HH, Liu QF, Li T, and Jian-Min Yue, Macrocyclic Nonapeptides Incorporating Uncharacterized Amino Acids with Inhibitory Effects on Th17 Differentiation. *CCS Chemistry.* 2020, 3 (2): 844-858.
30. Xu C, Yao XJ, Li T, Wang J, An B, Wang J, Sui XB, Leung ELH, Wu QB, Pretreatment neutrophil-to-lymphocyte ratio is a predictive biomarker for EGFR TKI-treated patients with advanced EGFR-mutant Non-small cell lung cancer. *Transl Cancer Res.* 2020 Apr;9(4):2875-2883. [IF: 0.496, ranked 242nd in 245 journals (98.57%) of category CHEMISTRY, MULTIDISCIPLINARY]
31. Chen H, Yao X, Li T, Lam CW, Zhang R, Zhang H, Wang J, Zhang W, Leung EL, Wu Q. Compound Kushen injection combined with platinum-based chemotherapy for stage III/IV non-small cell lung cancer: A meta-analysis of 37 RCTs following the PRISMA guidelines. *J Cancer.* 2020 Jan 20;11(7):1883-1898. [IF: 4.478, ranked 115th in 245 journals (46.73%) of category ONCOLOGY]
32. Zou B\*, Zhang Y\*, Li T\*, Liu J, Deng W, Tan Y, Yang Q, Ding Z, Liao K, Xu J, Pan H, Li X, Liu L. A mutation of cysteine 46 in IKK- $\beta$  promotes mPGES-1 and caveolin-1 expression to exacerbate osteoclast differentiation and osteolysis. *Biochem Pharmacol.* 2019 Dec 13:113762. (\*co-first author). [IF: 5.6, ranked 33rd in 352 journals (9.38%) of category PHARMACOLOGY & PHARMACY]
33. Chen H, Yao X, Li T, Lam CW, Zhang H, Wang J, Zhang W, Leung EL, Wu Q. Compound Kushen injection plus platinum-based chemotherapy for stage IIIB/IV non-small cell lung cancer: A protocol for

- meta-analysis of randomized clinical trials following the PRISMA guidelines. *Medicine (Baltimore)*. 2019 Dec;98(52):e18552. [IF:1.817, ranked 123th in 172 journals (71.51%) of category MEDICINE, GENERAL & INTERNAL]
34. Chen H, Yao X, Liu Z, Li T, Xu C, Wang J, Sui X, Leung EL, Wu Q. Efficacy and safety of Shenqi Fuzheng injection combined with platinum-based chemotherapy for stage III/IV non-small cell lung cancer: A protocol for systematic review and meta-analysis of randomized controlled trials. *Medicine (Baltimore)*. 2019 Sep;98(39):e17350. [IF:1.817, ranked 123th in 172 journals (71.51%) of category MEDICINE, GENERAL & INTERNAL]
35. Wu Q, Chen H, Yao X, Li T, Xu C, Wang J, Sui X, Leung EL. Long-term aspirin use for cancer primary prevention: A protocol for updated systematic review and subgroup meta-analysis of randomized clinical trials. *Medicine (Baltimore)*. 2019 Sep;98(39):e17382. [IF:1.817, ranked 123th in 172 journals (71.51%) of category MEDICINE, GENERAL & INTERNAL]
36. Chen Q, Liu J, Zhuang Y, Bai LP, Yuan Q, Zheng S, Liao K, Khan MA, Wu Q, Luo C, Liang L, Wang H, Li T#. Identification of an IKK $\beta$  inhibitor for inhibition of inflammation in vivo and in vitro. *Pharmacol Res*. 2019 Aug 31:104440. (#co-corresponding author). (#co-corresponding author). [IF: 10.5, ranked 13th in 352 journals (3.6%) of category PHARMACOLOGY & PHARMACY]
37. Pan H, Guo R, Ju Y, Wang Q, Zhu J, Xie Y, Zheng Y, Li T, Liu Z, Lu L, Li F, Tong B, Xiao L, Xu X, Leung EL, Li R, Yang H, Wang J, Zhou H, Jia H, Liu L. A single bacterium restores the microbiome dysbiosis to protect bones from destruction in a rat model of rheumatoid arthritis. *Microbiome*. 2019 Jul 17;7(1):107. [IF: 16.837, ranked 9th in 137 journals (6.57%) of category MICROBIOLOGY]
38. Liu J, Bai LP, Yang F, Yao XJ, Lei K, Lam, Christopher Wai Kei; Wu QB, Zhuang YX, Xiao RP, Liao KS, Kuok HH, Li T#, Liu L#. Potent antagonists of ROR $\gamma$ t, cardenolides from *Calotropis gigantea*, exhibit discrepant effects on the differentiation of T lymphocyte subsets. (#co-corresponding author). *Mol Pharm*. 2019 Feb 4;16(2):798-807. (#co-corresponding author). [IF: 4.5, ranked 64th in 352 journals (18.18%) of category PHARMACOLOGY & PHARMACY]
39. Fan DS, Li T, Zheng Z, Zhu GY, Yao X, Jiang ZH, Bai LP. Macrolide sesquiterpene pyridine alkaloids from the stems of *Tripterygium regelii*. *J Nat Med*. 2018 Aug 13. doi: 10.1007/s11418-018-1232-8. [IF: 3.192, ranked 40th in 63 journals (63.49%) of category CHEMISTRY, MEDICINAL]
40. Li T\*, Yan F\*, Meng X, Wang J, Ting Kam RK, Zeng X, Liu Z, Zhou H, Yang F, Ren R, Liao K, Liu L. Improvement of glucocorticoid-impaired thymus function by dihydromyricetin via up-regulation of PPAR $\gamma$ -associated fatty acid metabolism. *Pharmacol Res*. 2018 Nov;137:76-88. (\*co-first author). [IF: 10.5, ranked 13th in 352 journals (3.6%) of category PHARMACOLOGY & PHARMACY]
41. Yang F Su X, Pi J, Liao K, Zhou H, Sun Y, Liu J, Guo X, Jiang J, Jin H, Cai J, Li T#, Liu L#, Atomic force microscopy technique used for assessment of the anti-arthritic effect of licochalcone A via suppressing NF- $\kappa$ B activation, *Biomed Pharmacother*. 2018 Jul;103:1592-1601. (#co-corresponding author). [IF: 7.5, ranked 19th in 352 journals (5.3%) of category PHARMACOLOGY & PHARMACY]
42. Pan H, Guo R, Zhu J, Wang Q, Ju Y, Xie Y, Zheng Y, Wang Z, Li T, Liu Z, Lu L, Li F, Tong B, Xiao L, Xu X, Li R, Yuan Z, Yang H, Wang J, Kristiansen K, Jia H, Liu L. A gene catalogue of the Sprague-Dawley rat gut metagenome. *Gigascience*. 2018 May 1;7(5). [IF: 7.658, ranked 13th in 74 journals (17.57%) of category MULTIDISCIPLINARY SCIENCES]
43. Su X\*, Li T\*, Liu Z, Huang Q, Liao K, Ren R, Lu L, Qi X, Wang M, Chen J, Zhou H, Leung EL, Pan H, Liu J, Wang H, Huang L, Liu L. Licochalcone A activates Keap1-Nrf2 signaling to suppress arthritis via phosphorylation of p62 at serine 349. *Free Radic Biol Med*. 2018 Feb 1;115:471-483. (\*co-first author). [IF: 8.2, ranked 14th in 191 journals (7.1%) of category ENDOCRINOLOGY & METABOLISM]
44. Jin H, Pi J, Zhao Y, Jiang J, Li T, Zeng X, Yang P, Evans CE, Cai J. EGFR-targeting PLGA-PEG nanoparticles as a curcumin delivery system for breast cancer therapy. *Nanoscale*. 2017 Nov 2;9(42):16365-16374. [IF: 8.307, ranked 68th in 414 journals (16.43%) of category MATERIALS SCIENCE, MULTIDISCIPLINARY]
45. Zhou H, Liu JX, Luo JF, Cheng CS, Leung EL, Li Y, Su XH, Liu ZQ, Chen TB, Duan FG, Dong Y, Zuo YH, Li C, Lio CK, Li T, Luo P, Xie Y, Yao XJ, Wang PX, Liu L. Suppressing mPGES-1 expression by sinomenine ameliorates inflammation and arthritis. *Biochem Pharmacol*. 2017 Oct

- 15;142:133-144. [IF: 6.100, ranked 46th in 279 journals (16.31%) of category PHARMACOLOGY & PHARMACY]
46. Huang L.F., Dong Y., Wu J. L., Wang P.X., Zhou H., Li T# and Liu L#, Sinomenine-induced histamine release-like anaphylactoid reactions are blocked by tranilast via inhibiting NF- $\kappa$ B signaling. *Pharmacol Res.* 2017 Nov;125(Pt B):150-160. (#co-corresponding author). [IF: 10.5, ranked 13th in 352 journals (3.6%) of category PHARMACOLOGY & PHARMACY]
47. Chen J.Y., Zhu G.Y., Su X.H., Wang R., Liu J., Li T# and Liu L#, 7-Deceaylgedunin suppresses proliferation of macrophages and inflammation through activation of Keap1/Nrf2/HO-1 signaling. *Oncotarget.* 2017 Jul 5;8(33):55051-55063. (#co-corresponding author). [IF 5.168, ranked 44th in 214 journals (20%) of category ONCOLOGY]
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