

Tao Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Quercetin inhibits Mrgprx2-induced pseudo-allergic reaction via PLC β -IP3R related Ca ²⁺ fluctuations. <i>International Immunopharmacology</i> , 2019, 66, 185-197.	3.8	52
2	Mivacurium induce mast cell activation and pseudo-allergic reactions via MAS-related G protein coupled receptor-X2. <i>Cellular Immunology</i> , 2018, 332, 121-128.	3.0	48
3	Cisatracurium induces mast cell activation and pseudo-allergic reactions via MRGPRX2. <i>International Immunopharmacology</i> , 2018, 62, 244-250.	3.8	46
4	Mast cell-mediated hypersensitivity to fluoroquinolone is MRGPRX2 dependent. <i>International Immunopharmacology</i> , 2019, 70, 417-427.	3.8	46
5	Quercetin as a Lyn kinase inhibitor inhibits IgE-mediated allergic conjunctivitis. <i>Food and Chemical Toxicology</i> , 2020, 135, 110924.	3.6	45
6	Sinapine reverses multi-drug resistance in MCF-7/dox cancer cells by downregulating FGFR4/FRS2 β -ERK1/2 pathway-mediated NF- κ B activation. <i>Phytomedicine</i> , 2016, 23, 267-273.	5.3	36
7	Paeoniflorin inhibits MRGPRX2-mediated pseudo-allergic reaction via calcium signaling pathway. <i>Phytotherapy Research</i> , 2020, 34, 401-408.	5.8	27
8	Neohesperidin suppresses IgE-mediated anaphylactic reactions and mast cell activation via Lyn-PLC β -Ca ²⁺ pathway. <i>Phytotherapy Research</i> , 2019, 33, 2034-2043.	5.8	23
9	Screening antiallergic components from <i>Carthamus tinctorius</i> using rat basophilic leukemia 2H3 cell membrane chromatography combined with high-performance liquid chromatography and tandem mass spectrometry. <i>Journal of Separation Science</i> , 2015, 38, 585-591.	2.5	21
10	Screening anaphylactic components of MaiLuoNing injection by using rat basophilic leukemia-2H3 cell membrane chromatography coupled with HPLC-ESI-TOF-MS. <i>Journal of Separation Science</i> , 2016, 39, 466-472.	2.5	18
11	Sinapine as an active compound for inhibiting the proliferation of Caco-2 cells via downregulation of P-glycoprotein. <i>Food and Chemical Toxicology</i> , 2014, 67, 187-192.	3.6	17
12	Histamine H1 receptor cell membrane chromatography online high-performance liquid chromatography with mass spectrometry method reveals houttuynonate as an activator of the histamine H1 receptor. <i>Journal of Separation Science</i> , 2014, 37, 3188-3194.	2.5	17
13	Four Main Active Ingredients Derived from a Traditional Chinese Medicine Guanxin Shutong Capsule Cause Cardioprotection during Myocardial Ischemia Injury Calcium Overload Suppression. <i>Phytotherapy Research</i> , 2017, 31, 507-515.	5.8	16
14	The anti-anaphylactoid effects of hydroxysafflor yellow A on the suppression of mast cell Ca ²⁺ influx and degranulation. <i>Phytomedicine</i> , 2018, 48, 43-50.	5.3	15
15	Dehydroandrographolide inhibits IgE-mediated anaphylactic reactions via calcium signaling pathway. <i>Toxicology and Applied Pharmacology</i> , 2019, 366, 46-53.	2.8	15
16	Effect of kaempferol on IgE-mediated anaphylaxis in C57BL/6 mice and LAD2 cells. <i>Phytomedicine</i> , 2020, 79, 153346.	5.3	15
17	The anti-anaphylactoid effects of Piperine through regulating MAS-related G protein-coupled receptor X2 activation. <i>Phytotherapy Research</i> , 2020, 34, 1409-1420.	5.8	14
18	Screening of allergic components mediated by H ₁ R in homoharringtonine injection through H ₁ R/CMC-HPLC/MS. <i>Biomedical Chromatography</i> , 2014, 28, 1607-1614.	1.7	10

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19	H1R mediates local anesthetic-induced vascular permeability in angioedema. <i>Toxicology and Applied Pharmacology</i> , 2020, 392, 114921.	2.8	5
20	Construction of Y376C-FGFR4 eukaryotic expression plasmid and its biological activity in HEK293 cell. <i>Acta Biochimica Et Biophysica Sinica</i> , 2013, 45, 889-892.	2.0	4
21	Research on the Adaptive Sensitivity Scanning Method for Ion Conductance Microscopy with High Efficiency and Reliability. <i>Analytical Chemistry</i> , 2021, 93, 12296-12304.	6.5	3
22	The anti-inflammation effect of Baige capsule and its principal components mixture in MCAO rats. <i>Immunopharmacology and Immunotoxicology</i> , 2018, 40, 327-332.	2.4	1