

Shengli Han

List of Publications by Year in descending order

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49
papers

949
citations

361413
20
h-index

501196
28
g-index

50
all docs

50
docs citations

50
times ranked

859
citing authors

#	ARTICLE	IF	CITATIONS
1	Typical antimicrobials induce mast cell degranulation and anaphylactoid reactions via MRGPRX2 and its murine homologue MRGPRB2. <i>European Journal of Immunology</i> , 2017, 47, 1949-1958.	2.9	62
2	Development and characterization of magnetic molecularly imprinted polymers for the selective enrichment of endocrine disrupting chemicals in water and milk samples. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 1735-1744.	3.7	52
3	Chloroquine and hydroxychloroquine as ACE2 blockers to inhibit viropexis of 2019-nCoV Spike pseudotyped virus. <i>Phytomedicine</i> , 2020, 79, 153333.	5.3	46
4	Screening active compounds acting on the epidermal growth factor receptor from <i>Radix scutellariae</i> via cell membrane chromatography online coupled with HPLC/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 62, 196-202.	2.8	43
5	New method of screening allergenic components from Shuanghuanglian injection: With RBL-2H3/CMC model online HPLC/MS system. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 88, 602-608.	2.8	37
6	Use of the relative release index for histamine in LAD2 cells to evaluate the potential anaphylactoid effects of drugs. <i>Scientific Reports</i> , 2017, 7, 13714.	3.3	37
7	Screening and evaluation of anti-SARS-CoV-2 components from <i>Ephedra sinica</i> by ACE2/CMC-HPLC-IT-TOF-MS approach. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 2995-3004.	3.7	34
8	Overview of online two-dimensional liquid chromatography based on cell membrane chromatography for screening target components from traditional Chinese medicines. <i>Journal of Separation Science</i> , 2017, 40, 299-313.	2.5	33
9	Combined fibroblast growth factor receptor 4 cell membrane chromatography online with high performance liquid chromatography/mass spectrometry to screen active compounds in <i>Brassica alba</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 912, 85-92.	2.3	31
10	Screening of target compounds from <i>Fructus Piperis</i> using high β 1A adrenoreceptor expression cell membrane chromatography online coupled with high performance liquid chromatography tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 81-82, 133-137.	2.8	31
11	Screening epidermal growth factor receptor antagonists from <i>Radix et Rhizoma Asari</i> by two-dimensional liquid chromatography. <i>Journal of Separation Science</i> , 2014, 37, 1525-1532.	2.5	28
12	Screening active compounds from <i>Corydalis yanhusuo</i> by combining high expression VEGF receptor HEK293 cell membrane chromatography with HPLC - ESI - IT - TOF - MSn method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 136, 134-139.	2.8	27
13	Dual-mixed/CMC model for screening target components from traditional Chinese medicines simultaneously acting on EGFR & FGFR4 receptors. <i>Talanta</i> , 2019, 192, 248-254.	5.5	27
14	A Mast Cell-Specific Receptor Is Critical for Granuloma Induced by Intrathecal Morphine Infusion. <i>Journal of Immunology</i> , 2019, 203, 1701-1714.	0.8	26
15	Cell membrane chromatography coupled with UHPLC-ESI-MS/MS method to screen target components from <i>Peucedanum praeruptorum</i> Dunn acting on β 1A adrenergic receptor. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1011, 158-162.	2.3	25
16	Screening the anti-allergic components in <i>Saposhnikovia Radix</i> using high-expression Mas-related G protein-coupled receptor X2 cell membrane chromatography online coupled with liquid chromatography and mass spectrometry. <i>Journal of Separation Science</i> , 2019, 42, 2351-2359.	2.5	25
17	Screening anti-allergic components of <i>Astragalus Radix</i> using LAD2 cell membrane chromatography coupled online with UHPLC-ESI-MS/MS method. <i>Biomedical Chromatography</i> , 2017, 31, e3806.	1.7	24
18	Targeting and Covalently Immobilizing the EGFR through SNAP-Tag Technology for Screening Drug Leads. <i>Analytical Chemistry</i> , 2021, 93, 11719-11728.	6.5	24

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19	Screening active components acting on α 1A adrenergic receptors from agrimony using a Sprague-Dawley rat prostate cell membrane chromatography online coupled HPLC/MS method. <i>Analytical Methods</i> , 2012, 4, 3351.	2.7	23
20	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
21	The inhibitory effect of piperine from Fructus piperis extract on the degranulation of RBL-2H3 cells. <i>FÄ-toterapÄ-Äç</i> , 2014, 99, 218-226.	2.2	20
22	Screening of bioactive components from traditional Chinese medicines using cell membrane chromatography coupled with mass spectrometry. <i>Phytochemical Analysis</i> , 2018, 29, 341-350.	2.4	19
23	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
24	A high expression Mas-related G protein coupled receptor X2 cell membrane chromatography coupled with liquid chromatography and mass spectrometry method for screening potential anaphylactoid components in kudiezi injection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 159, 483-489.	2.8	18
25	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
26	Prostate Cell Membrane Chromatography-Liquid Chromatography-Mass Spectrometry for Screening of Active Constituents from <i>Uncaria rhynchophylla</i> . <i>Journal of Chromatographic Science</i> , 2013, 51, 905-909.	1.4	15
27	Analysis of allergens in tubeimu saponin extracts by using rat basophilic leukemia 2H3 cell-based affinity chromatography coupled to liquid chromatography and mass spectrometry. <i>Journal of Separation Science</i> , 2014, 37, 3384-3391.	2.5	13
28	Simultaneous identification of the anaphylactoid components from traditional Chinese medicine injections using rat basophilic leukemia 2H3 and laboratory of allergic disease 2 dual mixed/cell membrane chromatography model. <i>Electrophoresis</i> , 2018, 39, 1181-1189.	2.4	13
29	Isosalvianolic acid C-induced pseudo-allergic reactions via the mast cell specific receptor MRGPRX2. <i>International Immunopharmacology</i> , 2019, 71, 22-31.	3.8	13
30	Characterization of Compounds Acting on the α 1A Adrenergic Receptor from <i>Caulis spatholobi</i> by Cell Membrane Chromatography with Possible Application for Treatment of Benign Prostatic Hyperplasia. <i>Analytical Letters</i> , 2014, 47, 1661-1669.	1.8	11
31	Screening potential antagonists of epidermal growth factor receptor from <i>Marsdenia tenacissima</i> via cell membrane chromatography model assisted by HPLC-ESI-IT-TOF-MS. <i>Biomedical Chromatography</i> , 2019, 33, e4569.	1.7	11
32	Cell membrane chromatography coupled online with LC-MS to screen anti-anaphylactoid components from <i>Magnolia biondii</i> Pamp. targeting on Mas-related G protein-coupled receptor X2. <i>Journal of Separation Science</i> , 2020, 43, 2571-2578.	2.5	11
33	Screening of allergic components mediated by H_1 in homoharringtonine injection through H_1 /CMC-HPLC/MS. <i>Biomedical Chromatography</i> , 2014, 28, 1607-1614.	1.7	10
34	Combining Sprague-Dawley rat uterus cell membrane chromatography with HPLC/MS to screen active components from <i>Leonurus artemisia</i> . <i>Pharmaceutical Biology</i> , 2016, 54, 279-284.	2.9	10
35	Screening allergic components of Yejuhua injection using LAD2 cell membrane chromatography model online with high performance liquid chromatography-ion trap-time of flight-mass spectrum system. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1055-1056, 119-124.	2.3	10
36	Multi targeted cell membrane chromatography: A comprehensive method for screening the anaphylactoid components from complex samples. <i>Talanta</i> , 2020, 209, 120539.	5.5	10

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37	A sensitive HPLC-ECD method for detecting serotonin released by RBL-2H3 cells stimulated by potential allergens. <i>Analytical Methods</i> , 2015, 7, 8918-8924.	2.7	9
38	Accurate quantification of Î²-hexosaminidase released from laboratory of allergic diseases 2 cells via liquid chromatography tandem mass spectrometry method. <i>Journal of Chromatography A</i> , 2018, 1578, 106-111.	3.7	9
39	Facile Synthesis of Copper Containing Ordered Mesoporous Polymers via Aqueous Coordination Self-Assembly for Aerobic Oxidation of Alcohols. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 6438-6445.	3.7	9
40	MrgX2-SNAP-tag/cell membrane chromatography model coupled with liquid chromatography-mass spectrometry for anti-pseudo-allergic compound screening in <i>Arnebiae Radix</i> . <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 5741-5753.	3.7	8
41	Construction of graphene quantum dots-decorated EGFR cell membrane chromatography for screening active components from <i>Peucedanum praeruptorum</i> Dunn. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 1917-1927.	3.7	7
42	Investigating interactions between chloroquine/hydroxychloroquine and their single enantiomers and angiotensinâ€converting enzyme 2 by a cell membrane chromatography method. <i>Journal of Separation Science</i> , 2022, 45, 456-467.	2.5	7
43	Magnetic nanoparticles covalently immobilizing epidermal growth factor receptor by SNAP-Tag protein as a platform for drug discovery. <i>Talanta</i> , 2022, 240, 123204.	5.5	7
44	Pseudoâ€allergic compounds screened from Shengmai injection by using highâ€expression Masâ€related G proteinâ€coupled receptor X2 cell membrane chromatography online coupled with liquid chromatography and mass spectrometry. <i>Journal of Separation Science</i> , 2021, 44, 1421-1429.	2.5	6
45	Cell membrane chromatography for the analysis of the interaction between chloroquine and hydroxychloroquine with ACE2 receptors. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1162, 122469.	2.3	4
46	Enhanced stability designs of cell membrane chromatography for screening drug leads. <i>Journal of Separation Science</i> , 2022, 45, 2498-2507.	2.5	4
47	A paper-based ELISA for rapid sensitive determination of anaphylaxis-related MRGPRX2 in human peripheral blood. <i>Analytical Biochemistry</i> , 2021, 633, 114392.	2.4	2
48	Liquid Chromatography Tandem Mass Spectrometry Based Label-Free Quantification Method for Assessment of Allergen-Induced Anaphylactoid Reactions. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 856-863.	2.8	1
49	Purification and determination of antibody drugs in bio-samples by EGFR/cell membrane chromatography method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 217, 114808.	2.8	1