Guang-Bo Ge

List of Publications by Year
in descending order

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191 papers	5,083 citations	94269 37 h-index	138251 58 g-index
195 all docs	195 docs citations	195 times ranked	4057 citing authors

#	Article	IF	Citations
1	Inhibition of drug-metabolizing enzymes by Jingyin granules: implications of herbâ€“drug interactions in antiviral therapy. Acta Pharmacologica Sinica, 2022, 43, 1072-1081.	2.8	15
2	Human carboxylesterase 1A plays a predominant role in the hydrolytic activation of remdesivir in humans. Chemico-Biological Interactions, 2022, 351, 109744.	1.7	10
3	Discovery of 9,10-dihydrophenanthrene derivatives as SARS-CoV-2 3CLpro inhibitors for treating COVID-19. European Journal of Medicinal Chemistry, 2022, 228, 114030.	2.6	19
4	Optical substrates for drug-metabolizing enzymes: Recent advances and future perspectives. Acta Pharmaceutica Sinica B, 2022, 12, 1068-1099.	5.7	21
5	Unique Oxidative Metabolism of Bufalin Generates Two Reactive Metabolites That Strongly Inactivate Human Cytochrome P450 3A. Journal of Medicinal Chemistry, 2022, 65, 4018-4029.	2.9	9
6	Integrated hepatic single-cell RNA sequencing and untargeted metabolomics reveals the immune and metabolic modulation of Qing-Fei-Pai-Du decoction in mice with coronavirus-induced pneumonia. Phytomedicine, 2022, 97, 153922.	2.3	13
7	Substrate-dependent Inhibition of Hypericin on Human Carboxylesterase 2: Implications for Herb-drug Combination. Current Drug Metabolism, 2022, 23, 38-44.	0.7	2
8	Discovery and characterization of amentoflavone as a naturally occurring inhibitor against the bile salt hydrolase produced by Lactobacillus salivarius. Food and Function, 2022, 13, 3318-3328.	2.1	2
9	Discovery and Characterization of the Key Constituents in Ginkgo biloba Leaf Extract With Potent Inhibitory Effects on Human UDP-Glucuronosyltransferase 1A1. Frontiers in Pharmacology, 2022, 13, 815235.	1.6	7
10	Discovery and Characterization of the Naturally Occurring Inhibitors Against Human Pancreatic Lipase in Ampelopsis grossedentata. Frontiers in Nutrition, 2022, 9, 844195.	1.6	6
11	Inhibition of Human UDP-Glucuronosyltransferases1A1â€“Mediated Bilirubin Glucuronidation by the Popular Flavonoids Baicalein, Baicalin, and Hyperoside Is Responsible for Herb (Shuang-Huang-Lian)-Induced Jaundice. Drug Metabolism and Disposition, 2022, 50, 552-565.	1.7	3
12	High-throughput optical assays for sensing serine hydrolases in living systems and their applications. TrAC - Trends in Analytical Chemistry, 2022, 152, 116620.	5.8	15
13	Cytochrome P450 2E1 predicts liver functional recovery from donation after circulatory death using air-ventilated normothermic machine perfusion. Scientific Reports, 2022, 12, 7446.	1.6	2
14	Discovery and characterization of naturally occurring chalcones as potent inhibitors of bile salt hydrolases. , 2022, 1, .		1
15	Analytical methodologies for sensing catechol-O-methyltransferase activity and their applications. Journal of Pharmaceutical Analysis, 2021, 11, 15-27.	2.4	5
16	Synthesis and structure-activity relationship of coumarins as potent Mcl-1 inhibitors for cancer treatment. Bioorganic and Medicinal Chemistry, 2021, 29, 115851.	1.4	16
17	Design, synthesis and biological evaluation of indanoneâ€“chalcone hybrids as potent and selective hCES2A inhibitors. European Journal of Medicinal Chemistry, 2021, 209, 112856.	2.6	15
18	Design, synthesis and biological evaluation of novel chalcone-like compounds as potent and reversible pancreatic lipase inhibitors. Bioorganic and Medicinal Chemistry, 2021, 29, 115853.	1.4	22

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19	Rapalogues as hCES2A Inhibitors: In Vitro and In Silico Investigations. European Journal of Drug Metabolism and Pharmacokinetics, 2021, 46, 129-139.	0.6	0
20	Discovery of hCES2A inhibitors from Glycyrrhiza inflata via combination of docking-based virtual screening and fluorescence-based inhibition assays. Food and Function, 2021, 12, 162-176.	2.1	11
21	Synthesis and Structureâ€Activity Relationships of 3â€Arylisoquinolone Analogues as Highly Specific hCES2A Inhibitors. ChemMedChem, 2021, 16, 388-398.	1.6	2
22	Systems pharmacological study illustrates the immune regulation, anti-infection, anti-inflammation, and multi-organ protection mechanism of Qing-Fei-Pai-Du decoction in the treatment of COVID-19. Phytomedicine, 2021, 85, 153315.	2.3	100
23	Discovery and characterization of naturally occurring potent inhibitors of catechol-O-methyltransferase from herbal medicines. RSC Advances, 2021, 11, 10385-10392.	1.7	3
24	Differences in susceptibility of HTâ€29 and A549 cells to statinâ€induced toxicity: An investigation using high content screening. Journal of Biochemical and Molecular Toxicology, 2021, 35, e22699.	1.4	2
25	Sophoridine Inhibits the Tumour Growth of Non-Small Lung Cancer by Inducing Macrophages M1 Polarisation via MAPK-Mediated Inflammatory Pathway. Frontiers in Oncology, 2021, 11, 634851.	1.3	7
26	Inhibition of drug-metabolizing enzymes by Qingfei Paidu decoction: Implication of herb-drug interactions in COVID-19 pharmacotherapy. Food and Chemical Toxicology, 2021, 149, 111998.	1.8	37
27	Succinate Mediates Tumorigenic Effects via Succinate Receptor 1: Potential for New Targeted Treatment Strategies in Succinate Dehydrogenase Deficient Paragangliomas. Frontiers in Endocrinology, 2021, 12, 589451.	1.5	25
28	Reversible and Irreversible Inhibition of Cytochrome P450 Enzymes by Methylophiopogonanone A. Drug Metabolism and Disposition, 2021, 49, 459-469.	1.7	21
29	Comprehensive profiling and characterization of the absorbed components and metabolites in mice serum and tissues following oral administration of Qing-Fei-Pai-Du decoction by UHPLC-Q-Exactive-Orbitrap HRMS. Chinese Journal of Natural Medicines, 2021, 19, 305-320.	0.7	17
30	A fluorescence-based microplate assay for high-throughput screening and evaluation of human UGT inhibitors. Analytica Chimica Acta, 2021, 1153, 338305.	2.6	11
31	Ethnopharmacology, chemodiversity, and bioactivity of Cephalotaxus medicinal plants. Chinese Journal of Natural Medicines, 2021, 19, 321-338.	0.7	7
32	Discovery and Characterization of the Biflavones From Ginkgo biloba as Highly Specific and Potent Inhibitors Against Human Carboxylesterase 2. Frontiers in Pharmacology, 2021, 12, 655659.	1.6	18
33	The comparison analysis of polyphyllin I and its analogues induced apoptosis of colon and lung cancer cells via mitochondrial dysfunction. Basic and Clinical Pharmacology and Toxicology, 2021, 129, 15-25.	1.2	8
34	Paeonone A, a novel nonanortriterpenoid from the roots of Paeonia lactiflora. Bioorganic Chemistry, 2021, 110, 104783.	2.0	2
35	Carboxylesterase inhibitors from clinically available medicines and their impact on drug metabolism. Chemico-Biological Interactions, 2021, 345, 109566.	1.7	17
36	A broad-spectrum substrate for the human UDP-glucuronosyltransferases and its use for investigating glucuronidation inhibitors. International Journal of Biological Macromolecules, 2021, 180, 252-261.	3.6	10

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37	Identification of Vitamin K3 and its analogues as covalent inhibitors of SARS-CoV-2 3CLpro. International Journal of Biological Macromolecules, 2021, 183, 182-192.	3.6	22
38	Discovery and characterization of flavonoids in vine tea as catechol-O-methyltransferase inhibitors. FÃ¬toterapÃ¬Ã¢, 2021, 152, 104913.	1.1	7
39	Jia-Wei-Yu-Ping-Feng-San Attenuates Group 2 Innate Lymphoid Cell-Mediated Airway Inflammation in Allergic Asthma. Frontiers in Pharmacology, 2021, 12, 703724.	1.6	10
40	Comparison of the Inhibitory Effects of Clotrimazole and Ketoconazole against Human Carboxylesterase 2. Current Drug Metabolism, 2021, 22, 391-398.	0.7	1
41	Discovery of naturally occurring inhibitors against SARS-CoV-2 3CLpro from Ginkgo biloba leaves via large-scale screening. FÃ¬toterapÃ¬Ã¢, 2021, 152, 104909.	1.1	48
42	Qingâ€Feiâ€Paiâ€Du decoction and wogonoside exert antiâ€inflammatory action through downâ€regulating USP14 to promote the degradation of activating transcription factor 2. FASEB Journal, 2021, 35, e21870.	0.2	11
43	Spectrophotometric Assays for Sensing Tyrosinase Activity and Their Applications. Biosensors, 2021, 11, 290.	2.3	20
44	Flavonoids in Ampelopsis grossedentata as covalent inhibitors of SARS-CoV-2 3CLpro: Inhibition potentials, covalent binding sites and inhibitory mechanisms. International Journal of Biological Macromolecules, 2021, 187, 976-987.	3.6	40
45	Methylophiopogonanone A is a naturally occurring broadâ€spectrum inhibitor against human UDPâ€glucuronosyltransferases: Inhibition behaviours and implication in herbâ€drug interactions. Basic and Clinical Pharmacology and Toxicology, 2021, 129, 437-449.	1.2	4
46	In vitro Measurement and In vivo Prediction of Time-Dependent Inhibitory Effects of Three Tyrosine Kinase Inhibitors on CYP3A Activity. Current Drug Metabolism, 2021, 22, .	0.7	0
47	Structure-Based Virtual Screening and Identification of Potential Inhibitors of SARS-CoV-2 S-RBD and ACE2 Interaction. Frontiers in Chemistry, 2021, 9, 740702.	1.8	15
48	Lysine reactivity profiling reveals molecular insights into human serum albuminâ€“small-molecule drug interactions. Analytical and Bioanalytical Chemistry, 2021, 413, 7431-7440.	1.9	4
49	Sensing and imaging of exosomal CD26 secreted from cancer cells and 3D colorectal tumor model using a novel near-infrared fluorogenic probe. Materials Science and Engineering C, 2021, 130, 112472.	3.8	6
50	Jiangzhi Granule attenuates non-alcoholic steatohepatitis by suppressing TNF/NFÎºB signaling pathway-a study based on network pharmacology. Biomedicine and Pharmacotherapy, 2021, 143, 112181.	2.5	14
51	Deciphering the Effective Constituents and Mechanisms of Portulaca oleracea L. for Treating NASH via Integrating Bioinformatics Analysis and Experimental Pharmacology. Frontiers in Pharmacology, 2021, 12, 818227.	1.6	5
52	Transcriptional profiling and network pharmacology analysis identify the potential biomarkers from Chinese herbal formula Huosu Yangwei Formula treated gastric cancer in vivo. Chinese Journal of Natural Medicines, 2021, 19, 944-953.	0.7	2
53	Interspecies variation of clopidogrel hydrolysis in liver microsomes from various mammals. Chemico-Biological Interactions, 2020, 315, 108871.	1.7	10
54	Transcriptional regulation of G2/M regulatory proteins and perturbation of G2/M Cell cycle transition by a traditional Chinese medicine recipe. Journal of Ethnopharmacology, 2020, 251, 112526.	2.0	16

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55	Accurate and sensitive detection of dipeptidyl peptidase-IV activity by liquid chromatography with fluorescence detection. Analytical Methods, 2020, 12, 848-854.	1.3	10
56	Inhibition of pancreatic lipase by the constituents in St. John's Wort: In vitro and in silico investigations. International Journal of Biological Macromolecules, 2020, 145, 620-633.	3.6	40
57	Tet2 regulates Barx2 expression in undifferentiated and early differentiated mouse embryonic stem cells. Biochemical and Biophysical Research Communications, 2020, 533, 1212-1218.	1.0	1
58	Pancreatic Lipase Inhibitory Cyclohexapeptides from the Marine Sponge-Derived Fungus Aspergillus sp. 151304. Journal of Natural Products, 2020, 83, 2287-2293.	1.5	15
59	Enantioselective [3+2] annulation of isatin-derived MBH-carbonates and 3-nitroindoles enabled by a bifunctional DMAP-thiourea. Chemical Communications, 2020, 56, 10718-10721.	2.2	30
60	Herb-drug interaction between Styrax and warfarin: Molecular basis and mechanism. Phytomedicine, 2020, 77, 153287.	2.3	30
61	Discovery of natural alkaloids as potent and selective inhibitors against human carboxylesterase 2. Bioorganic Chemistry, 2020, 105, 104367.	2.0	11
62	Accurate and sensitive detection of Catechol-O-methyltransferase activity by liquid chromatography with fluorescence detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1157, 122333.	1.2	5
63	Bioactivity-Guided Discovery of Human Carboxylesterase Inhibitors from the Roots of Paeonia lactiflora. Journal of Natural Products, 2020, 83, 2940-2949.	1.5	8
64	Pentacyclic triterpenoid acids in Styrax as potent and highly specific inhibitors against human carboxylesterase 1A. Food and Function, 2020, 11, 8680-8693.	2.1	9
65	Metabolomic Analysis Identifies Glycometabolism Pathways as Potential Targets of Qianggan Extract in Hyperglycemia Rats. Frontiers in Pharmacology, 2020, 11, 671.	1.6	1
66	Theophylline Acetaldehyde as the Initial Product in Doxophylline Metabolism in Human Liver. Drug Metabolism and Disposition, 2020, 48, 345-352.	1.7	10
67	An ultra-sensitive and easy-to-use assay for sensing human UGT1A1 activities in biological systems. Journal of Pharmaceutical Analysis, 2020, 10, 263-270.	2.4	11
68	Bioluminescent Sensor Reveals that Carboxylesterase 1A is a Novel Endoplasmic Reticulum-Derived Serologic Indicator for Hepatocyte Injury. ACS Sensors, 2020, 5, 1987-1995.	4.0	26
69	Herbal Therapy for the Treatment of Acetaminophen-Associated Liver Injury: Recent Advances and Future Perspectives. Frontiers in Pharmacology, 2020, 11, 313.	1.6	28
70	Rapid bioluminescence assay for monitoring rat CES1 activity and its alteration by traditional Chinese medicines. Journal of Pharmaceutical Analysis, 2020, 10, 253-262.	2.4	6
71	Sensing cytochrome P450 1A1 activity by a resorufin-based isoform-specific fluorescent probe. Chinese Chemical Letters, 2020, 31, 2945-2949.	4.8	16
72	Preface for special issue on new analytical techniques and methods in drug metabolism and pharmacokinetics. Journal of Pharmaceutical Analysis, 2020, 10, iii-iv.	2.4	1

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73	Inhibition of pancreatic lipase by environmental xenoestrogens. Ecotoxicology and Environmental Safety, 2020, 192, 110305.	2.9	14
74	Construction and application of a high-content analysis for identifying human carboxylesterase 2 inhibitors in living cell system. Analytical and Bioanalytical Chemistry, 2020, 412, 2645-2654.	1.9	12
75	Flavipesides Aâ€“C, PKS-NRPS Hybrids as Pancreatic Lipase Inhibitors from a Marine Sponge Symbiotic Fungus Aspergillus flavipes 164013. Organic Letters, 2020, 22, 1825-1829.	2.4	21
76	Three new polyoxygenated bergamotanes from the endophytic fungus Penicillium purpurogenum IMM 003 and their inhibitory activity against pancreatic lipase. Chinese Journal of Natural Medicines, 2020, 18, 75-80.	0.7	15
77	CPF impedes cell cycle reâ€entry of quiescent lung cancer cells through transcriptional suppression of FACT and câ€MYC. Journal of Cellular and Molecular Medicine, 2020, 24, 2229-2239.	1.6	11
78	Pharmacokinetic interaction between a Chinese herbal formula Huosu Yangwei oral liquid and apatinib in vitro and in vivo. Journal of Pharmacy and Pharmacology, 2020, 72, 979-989.	1.2	9
79	Neobavaisoflavone Induces Bilirubin Metabolizing Enzyme UGT1A1 via PPARÎ± and PPARÎ³. Frontiers in Pharmacology, 2020, 11, 628314.	1.6	10
80	Pancreatic lipase inhibitory constituents from Fructus Psoraleae. Chinese Journal of Natural Medicines, 2020, 18, 369-378.	0.7	15
81	In vitro characterization of the glucuronidation pathways of licochalcone A mediated by human UDP-glucuronosyltransferases. Xenobiotica, 2019, 49, 671-677.	0.5	4
82	Interspecies Variation in NCMN-O-Demethylation in Liver Microsomes from Various Species. Molecules, 2019, 24, 2765.	1.7	5
83	Biflavones from Ginkgo biloba as inhibitors of human thrombin. Bioorganic Chemistry, 2019, 92, 103199.	2.0	61
84	Discovery of a highly specific and efficacious inhibitor of human carboxylesterase 2 by large-scale screening. International Journal of Biological Macromolecules, 2019, 137, 261-269.	3.6	31
85	In Vitro Metabolism of Auriculasin and Its Inhibitory Effects on Human Cytochrome P450 and UDP-Glucuronosyltransferase Enzymes. Chemical Research in Toxicology, 2019, 32, 2125-2134.	1.7	13
86	Discovery of natural pentacyclic triterpenoids as potent and selective inhibitors against human carboxylesterase 1. FÃ¬toterapÃ¬Ã¢, 2019, 137, 104199.	1.1	14
87	Inhibition of human carboxylesterases by magnolol: Kinetic analyses and mechanism. Chemico-Biological Interactions, 2019, 308, 339-349.	1.7	22
88	Anthraquinones from Cassiae semen as thrombin inhibitors: in vitro and in silico studies. Phytochemistry, 2019, 165, 112025.	1.4	19
89	Target Enzymeâ€Activated Twoâ€Photon Fluorescent Probes: A Case Study of CYP3A4 Using a Twoâ€Dimensional Design Strategy. Angewandte Chemie, 2019, 131, 10064-10068.	1.6	8
90	Target Enzymeâ€Activated Twoâ€Photon Fluorescent Probes: A Case Study of CYP3A4 Using a Twoâ€Dimensional Design Strategy. Angewandte Chemie - International Edition, 2019, 58, 9959-9963.	7.2	74

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91	Natural constituents of St. John's Wort inhibit the proteolytic activity of human thrombin. International Journal of Biological Macromolecules, 2019, 134, 622-630.	3.6	25
92	Rational Design of a Long-Wavelength Fluorescent Probe for Highly Selective Sensing of Carboxylesterase 1 in Living Systems. Analytical Chemistry, 2019, 91, 5638-5645.	3.2	49
93	Cytochrome P450 3A Enzymes Are Key Contributors for Hepatic Metabolism of Bufotalin, a Natural Constitute in Chinese Medicine Chansu. Frontiers in Pharmacology, 2019, 10, 52.	1.6	17
94	Inhibition of human carboxylesterases by ginsenosides: structureâ€“activity relationships and inhibitory mechanism. Chinese Medicine, 2019, 14, 56.	1.6	10
95	Interactions of drug-metabolizing enzymes with the Chinese herb Psoraleae Fructus. Chinese Journal of Natural Medicines, 2019, 17, 858-870.	0.7	32
96	Deciphering the metabolic fates of herbal constituents and the interactions of herbs with human metabolic system. Chinese Journal of Natural Medicines, 2019, 17, 801-802.	0.7	33
97	Chemical Probes for Human UDPâ€Glucuronosyltransferases: A Comprehensive Review. Biotechnology Journal, 2019, 14, e1800002.	1.8	36
98	Inhibition of UGT1A1 by natural and synthetic flavonoids. International Journal of Biological Macromolecules, 2019, 126, 653-661.	3.6	28
99	Recent progress and challenges in screening and characterization of UGT1A1 inhibitors. Acta Pharmaceutica Sinica B, 2019, 9, 258-278.	5.7	61
100	Molecular Design Strategy to Construct the Near-Infrared Fluorescent Probe for Selectively Sensing Human Cytochrome P450 2J2. Journal of the American Chemical Society, 2019, 141, 1126-1134.	6.6	141
101	Evidence for Shikonin acting as an active inhibitor of human carboxylesterases 2: Implications for herbâ€“drug combination. Phytotherapy Research, 2018, 32, 1311-1319.	2.8	6
102	Amentoflavone is a potent broad-spectrum inhibitor of human UDP-glucuronosyltransferases. Chemico-Biological Interactions, 2018, 284, 48-55.	1.7	33
103	Metabolism and pharmacokinetics of alantolactone and isoalantolactone in rats: Thiol conjugation as a potential metabolic pathway. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1072, 370-378.	1.2	18
104	Bysspectin A, an unusual octaketide dimer and the precursor derivatives from the endophytic fungus Byssochlamys spectabilis IMM0002 and their biological activities. European Journal of Medicinal Chemistry, 2018, 145, 717-725.	2.6	38
105	Transgelin-2 as a therapeutic target for asthmatic pulmonary resistance. Science Translational Medicine, 2018, 10, .	5.8	47
106	Characterization and structure-activity relationship studies of flavonoids as inhibitors against human carboxylesterase 2. Bioorganic Chemistry, 2018, 77, 320-329.	2.0	55
107	Identification and characterization of human UDP-glucuronosyltransferases responsible for xanthotoxol glucuronidation. Xenobiotica, 2018, 48, 109-116.	0.5	11
108	New Insights into SNâ€38 Glucuronidation: Evidence for the Important Role of UDP Glucuronosyltransferase 1A9. Basic and Clinical Pharmacology and Toxicology, 2018, 122, 424-428.	1.2	13

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109	A fast screening model for drug permeability assessment based on native small intestinal extracellular matrix. RSC Advances, 2018, 8, 34514-34524.	1.7	10
110	Synthesis and Structure-Activity Relationship of Daphnetin Derivatives as Potent Antioxidant Agents. Molecules, 2018, 23, 2476.	1.7	19
111	Nevadensin is a naturally occurring selective inhibitor of human carboxylesterase 1. International Journal of Biological Macromolecules, 2018, 120, 1944-1954.	3.6	46
112	Purpurolide A, 5/5/5 Spirocyclic Sesquiterpene Lactone in Nature from the Endophytic Fungus Penicillium purpurogenum. Organic Letters, 2018, 20, 7341-7344.	2.4	35
113	A highly sensitive and selective two-photon fluorescent probe for real-time sensing of cytochrome P450 1A1 in living systems. Materials Chemistry Frontiers, 2018, 2, 2013-2020.	3.2	38
114	Asymmetric Construction of a Multi-Pharmacophore-Containing Dispirotriheterocyclic Scaffold and Identification of a Human Carboxylesterase 1 Inhibitor. Organic Letters, 2018, 20, 3394-3398.	2.4	77
115	Human carboxylesterases: a comprehensive review. Acta Pharmaceutica Sinica B, 2018, 8, 699-712.	5.7	315
116	Anticancer Drug Targets of Salvia Phytometabolites: Chemistry, Biology and Omics. Current Drug Targets, 2018, 19, 1-20.	1.0	24
117	Arenobufagin is a novel isoform-specific probe for sensing human sulfotransferase 2A1. Acta Pharmaceutica Sinica B, 2018, 8, 784-794.	5.7	9
118	Natural constituents from Cortex Mori Radicis as new pancreatic lipase inhibitors. Bioorganic Chemistry, 2018, 80, 577-584.	2.0	50
119	Biflavones from Ginkgo biloba as novel pancreatic lipase inhibitors: Inhibition potentials and mechanism. International Journal of Biological Macromolecules, 2018, 118, 2216-2223.	3.6	75
120	Carboxylesterase Inhibitors: An Update. Current Medicinal Chemistry, 2018, 25, 1627-1649.	1.2	70
121	Impact of Drug Metabolism/Pharmacokinetics and their Relevance Upon Taxus-based Drug Development. Current Drug Metabolism, 2018, 19, 930-959.	0.7	8
122	Recent progress in the discovery of natural inhibitors against human carboxylesterases. FÃ¬toterapÃ¬Ã¢, 2017, 117, 84-95.	1.1	64
123	Assessment of the inhibitory effects of pyrethroids against human carboxylesterases. Toxicology and Applied Pharmacology, 2017, 321, 48-56.	1.3	39
124	An Optimized Twoâ€Photon Fluorescent Probe for Biological Sensing and Imaging of Catecholâ€Oâ€Methyltransferase. Chemistry - A European Journal, 2017, 23, 10800-10807.	1.7	32
125	A Naturally Occurring Isoform-Specific Probe for Highly Selective and Sensitive Detection of Human Cytochrome P450 3A5. Journal of Medicinal Chemistry, 2017, 60, 3804-3813.	2.9	25
126	Identification of human UDP-glucuronosyltransferase isoforms involved in the isofraxidin glucuronidation and assessment of the species differences of the reaction. FÃ¬toterapÃ¬Ã¢, 2017, 117, 118-125.	1.1	5

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127	Induction of CYP1A1 increases gefitinib-induced oxidative stress and apoptosis in A549 cells. Toxicology in Vitro, 2017, 44, 36-43.	1.1	15
128	Structure-activity relationships of flavonoids as natural inhibitors against E.Âcoli Î²-glucuronidase. Food and Chemical Toxicology, 2017, 109, 975-983.	1.8	42
129	Synthesis and biological evaluation of hydroxylcoumarin derivatives as antioxidant agents. Chemical Research in Chinese Universities, 2017, 33, 194-199.	1.3	5
130	A highly specific ratiometric two-photon fluorescent probe to detect dipeptidyl peptidase IV in plasma and living systems. Biosensors and Bioelectronics, 2017, 90, 283-289.	5.3	52
131	UGT1A10 Is a High Activity and Important Extrahepatic Enzyme: Why Has Its Role in Intestinal Glucuronidation Been Frequently Underestimated?. Molecular Pharmaceutics, 2017, 14, 2875-2883.	2.3	23
132	A practical strategy to design and develop an isoform-specific fluorescent probe for a target enzyme: CYP1A1 as a case study. Chemical Science, 2017, 8, 2795-2803.	3.7	61
133	Oxidative Coupling of Ã¢â€Oâ€4â€² Dilignol Models Leading to Polycyclic Products with Rare Interlignol Linkages. Asian Journal of Organic Chemistry, 2017, 6, 1745-1748.	1.3	2
134	Nâ€Butylâ€4â€hydroxyâ€1,8â€naphthalimide: A new matrix for small molecule analysis by matrixâ€assisted laser desorption/ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2017, 31, 1779-1784.	0.7	4
135	Comparison of the inhibition potentials of icotinib and erlotinib against human UDP-glucuronosyltransferase 1A1. Acta Pharmaceutica Sinica B, 2017, 7, 657-664.	5.7	22
136	A novel substrate-inspired fluorescent probe to monitor native albumin in human plasma and living cells. Analytica Chimica Acta, 2017, 989, 71-79.	2.6	37
137	Real-Time Tracking the Synthesis and Degradation of Albumin in Complex Biological Systems with a near-Infrared Fluorescent Probe. Analytical Chemistry, 2017, 89, 9884-9891.	3.2	32
138	A Practical and High-Affinity Fluorescent Probe for Uridine Diphosphate Glucuronosyltransferase 1A1: A Good Surrogate for Bilirubin. Journal of Medicinal Chemistry, 2017, 60, 9664-9675.	2.9	38
139	Comparative metabolism of DDAO benzoate in liver microsomes from various species. Toxicology in Vitro, 2017, 44, 280-286.	1.1	13
140	In vitro phase I metabolism of gamabufotalin and arenobufagin: Reveal the effect of substituent group on metabolic stability. FÃ¬toterapÃ¬Ã¢, 2017, 121, 38-45.	1.1	12
141	Inhibition of human catechol-O-methyltransferase-mediated dopamineO-methylation by daphnetin and its Phase II metabolites. Xenobiotica, 2017, 47, 498-504.	0.5	12
142	Human UDPâ€Glucuronosyltransferases 1A1, 1A3, 1A9, 2B4 and 2B7 are Inhibited by Diethylstilbestrol. Basic and Clinical Pharmacology and Toxicology, 2016, 119, 505-511.	1.2	13
143	Assessment of the inhibition potential of Licochalcone A against human UDP-glucuronosyltransferases. Food and Chemical Toxicology, 2016, 90, 112-122.	1.8	45
144	A highly selective fluorescent probe for sensing activities of catechol- O -methyltransferase in complex biological samples. Sensors and Actuators B: Chemical, 2016, 231, 615-623.	4.0	15

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145	A highly selective near-infrared fluorescent probe for carboxylesterase 2 and its bioimaging applications in living cells and animals. Biosensors and Bioelectronics, 2016, 83, 193-199.	5.3	101
146	Comparison of the inhibitory effects of tolcapone and entacapone against human UDP-glucuronosyltransferases. Toxicology and Applied Pharmacology, 2016, 301, 42-49.	1.3	30
147	Identification and characterization of naturally occurring inhibitors against human carboxylesterase 2 in White Mulberry Root-bark. FÃ¬toterapÃ¬Ã¢, 2016, 115, 57-63.	1.1	20
148	An expedient method for regioselective methylation of catechol coumarins. Chemical Research in Chinese Universities, 2016, 32, 786-791.	1.3	1
149	Highly selective and efficient biotransformation of linarin to produce tilianin by naringinase. Biotechnology Letters, 2016, 38, 1367-1373.	1.1	4
150	Methylation, Glucuronidation, and Sulfonation of Daphnetin in Human Hepatic Preparations InÂVitro : Metabolic Profiling, Pathway Comparison, and Bioactivity Analysis. Journal of Pharmaceutical Sciences, 2016, 105, 808-816.	1.6	21
151	Design, synthesis, and structure-activity relationship study of glycyrrhetinic acid derivatives as potent and selective inhibitors against human carboxylesterase 2. European Journal of Medicinal Chemistry, 2016, 112, 280-288.	2.6	63
152	Characterization of regio- and stereo-selective sulfation of bufadienolides: exploring the mechanism and providing insight into the structureâ€“sulfation relationship by experimentation and molecular docking analysis. RSC Advances, 2016, 6, 5774-5783.	1.7	6
153	A bioluminescent sensor for highly selective and sensitive detection of human carboxylesterase 1 in complex biological samples. Chemical Communications, 2016, 52, 3183-3186.	2.2	81
154	Highly sensitive and selective detection of human carboxylesterase 1 activity by liquid chromatography with fluorescence detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1008, 212-218.	1.2	26
155	A highly selective marker reaction for measuring the activity of human carboxylesterase 1 in complex biological samples. RSC Advances, 2016, 6, 4302-4309.	1.7	25
156	Inhibition behavior of fructus psoraleaeâ€™s ingredients towards human carboxylesterase 1 (hCES1). Xenobiotica, 2016, 46, 503-510.	0.5	36
157	Gomisin A is a Novel Isoform-Specific Probe for the Selective Sensing of Human Cytochrome P450 3A4 in Liver Microsomes and Living Cells. AAPS Journal, 2016, 18, 134-145.	2.2	17
158	C-8 Mannich base derivatives of baicalein display improved glucuronidation stability: exploring the mechanism by experimentation and theoretical calculations. RSC Advances, 2015, 5, 89818-89826.	1.7	10
159	Functional and structural properties of a novel cellulosome-like multienzyme complex: efficient glycoside hydrolysis of water-insoluble 7-xylosyl-10-deacetylpaclitaxel. Scientific Reports, 2015, 5, 13768.	1.6	23
160	In Vitro Evaluation of the Effect of 7-Methyl Substitution on Glucuronidation of Daphnetin: Metabolic Stability, Isoform Selectivity, and Bioactivity Analysis. Journal of Pharmaceutical Sciences, 2015, 104, 3557-3564.	1.6	9
161	Identification and characterization of human UDP-glucuronosyltransferases responsible for the in-vitro glucuronidation of arctigenin. Journal of Pharmacy and Pharmacology, 2015, 67, 1673-1681.	1.2	13
162	A Mechanism-Based Model for the Prediction of the Metabolic Sites of Steroids Mediated by Cytochrome P450 3A4. International Journal of Molecular Sciences, 2015, 16, 14677-14694.	1.8	13

#	Article	IF	Citations
163	Design, synthesis and biological evaluation of esculetin derivatives as anti-tumour agents. RSC Advances, 2015, 5, 53477-53483.	1.7	20
164	A Two-Photon Ratiometric Fluorescent Probe for Imaging Carboxylesterase 2 in Living Cells and Tissues. ACS Applied Materials & Interfaces, 2015, 7, 28474-28481.	4.0	107
165	Diethylstilbestrol can effectively accelerate estradiol-17-O-glucuronidation, while potently inhibiting estradiol-3-O-glucuronidation. Toxicology and Applied Pharmacology, 2015, 283, 109-116.	1.3	18
166	Fructus Psoraleae contains natural compounds with potent inhibitory effects towards human carboxylesterase 2. FÃ¬toterapÃ¬Ã¢, 2015, 101, 99-106.	1.1	60
167	Characterization of Phase I Metabolism of Resibufogenin and Evaluation of the Metabolic Effects on Its Antitumor Activity and Toxicity. Drug Metabolism and Disposition, 2015, 43, 299-308.	1.7	24
168	Tissue and species differences in the glucuronidation of glabridin with UDP-glucuronosyltransferases. Chemico-Biological Interactions, 2015, 231, 90-97.	1.7	12
169	Structural Modifications at the C-4 Position Strongly Affect the Glucuronidation of 6,7-Dihydroxycoumarins. Drug Metabolism and Disposition, 2015, 43, 553-560.	1.7	14
170	Identifying and applying a highly selective probe to simultaneously determine the O-glucuronidation activity of human UGT1A3 and UGT1A4. Scientific Reports, 2015, 5, 9627.	1.6	15
171	Glucuronidation of bavachinin by human tissues and expressed UGT enzymes: Identification of UGT1A1 and UGT1A8 as the major contributing enzymes. Drug Metabolism and Pharmacokinetics, 2015, 30, 358-365.	1.1	17
172	Inhibition of human cytochrome P450 enzymes by licochalcone A, a naturally occurring constituent of licorice. Toxicology in Vitro, 2015, 29, 1569-1576.	1.1	50
173	Interspecies variation in phase I metabolism of bufalin in hepatic microsomes from mouse, rat, dog, minipig, monkey, and human. Xenobiotica, 2015, 45, 954-960.	0.5	12
174	An optimized ratiometric fluorescent probe for sensing human UDP-glucuronosyltransferase 1A1 and its biological applications. Biosensors and Bioelectronics, 2015, 72, 261-267.	5.3	45
175	A highly selective probe for UDP-glucuronosyltransferase 2B7 (UGT2B7) in human microsomes: isoform specificity, kinetic characterization, and applications. RSC Advances, 2015, 5, 5924-5927.	1.7	3
176	Protostane Triterpenoids from the Rhizome of Alisma orientale Exhibit Inhibitory Effects on Human Carboxylesterase 2. Journal of Natural Products, 2015, 78, 2372-2380.	1.5	68
177	A Highly Selective Ratiometric Two-Photon Fluorescent Probe for Human Cytochrome P450 1A. Journal of the American Chemical Society, 2015, 137, 14488-14495.	6.6	172
178	Identification and characterization of naturally occurring inhibitors against UDP-glucuronosyltransferase 1A1 in Fructus Psoraleae (Bu-gu-zhi). Toxicology and Applied Pharmacology, 2015, 289, 70-78.	1.3	62
179	Pharmacokinetics and tissue distribution of five bufadienolides from the Shexiang Baoxin pill following oral administration to mice. Journal of Ethnopharmacology, 2015, 161, 175-185.	2.0	40
180	A highly selective fluorescent ESIPT probe for the detection of Human carboxylesterase 2 and its biological applications. Biosensors and Bioelectronics, 2015, 65, 9-15.	5.3	97

#	Article	IF	Citations
181	Ginsenoside Metabolites Inhibit P-Glycoprotein In Vitro and In Situ Using Three Absorption Models. Planta Medica, 2014, 80, 290-296.	0.7	38
182	A highly selective ratiometric fluorescent probe for in vitro monitoring and cellular imaging of human carboxylesterase 1. Biosensors and Bioelectronics, 2014, 57, 30-35.	5.3	76
183	A Novel Analgesic Isolated from a Traditional Chinese Medicine. Current Biology, 2014, 24, 117-123.	1.8	85
184	Species-associated differences in the inhibition of propofol glucuronidation by magnolol. Journal of the American Association for Laboratory Animal Science, 2014, 53, 408-11.	0.6	1
185	The role of serum albumin in the metabolism of Boc5: Molecular identification, species differences and contribution to plasma metabolism. European Journal of Pharmaceutical Sciences, 2013, 48, 360-369.	1.9	19
186	A highly selective probe for human cytochrome P450 3A4: isoform selectivity, kinetic characterization and its applications. Chemical Communications, 2013, 49, 9779.	2.2	66
187	Biological, Chemical, and Omics Research of Taxus Medicinal Resources. Drug Development Research, 2012, 73, 477-486.	1.4	18
188	Rapid Qualitative and Quantitative Determination of Seven Valuable Taxanes from VariousTaxusSpecies by UFLCâ€ESIâ€MS and UFLCâ€DAD. Planta Medica, 2010, 76, 1773-1777.	0.7	14
189	Stereochemical differentiation of Câ€7 hydroxyltaxane isomers by electrospray ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2009, 23, 425-432.	0.7	11
190	Profiling of yew hair roots from various species using ultraâ€performance liquid chromatography/electrospray ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2008, 22, 2315-2323.	0.7	17
191	Chemotaxonomic Study of MedicinalTaxusSpecies with Fingerprint and Multivariate Analysis. Planta Medica, 2008, 74, 773-779.	0.7	33