Wen-Shan Li

List of Publications by Year
in descending order

63	1,583	279487	315357
papers	citations	23 h-index	38 g-index

71	71	71	2403
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Heteronemin and tetrac derivatives suppress non-small cell lung cancer growth via ERK1/2 inhibition. Food and Chemical Toxicology, 2022, , 112850.	1.8	8
2	Design, synthesis, and characterization of oxadiazolopyrazine analogs with application as anticancer agents. Journal of the Chinese Chemical Society, 2022, 69, 375-387.	0.8	0
3	Sialyltransferase Inhibitors for the Treatment of Cancer Metastasis: Current Challenges and Future Perspectives. Molecules, 2021, 26, 5673.	1.7	10
4	Sialyltransferase Inhibitors Suppress Breast Cancer Metastasis. Journal of Medicinal Chemistry, 2021, 64, 527-542.	2.9	17
5	Oxidative trimerization of indoles via water-assisted visible-light photoredox catalysis and the study of their anti-cancer activities. Organic and Biomolecular Chemistry, 2020, 18, 6247-6252.	1.5	11
6	Benzenesulfonamide Derivatives as Calcium/Calmodulin-Dependent Protein Kinase Inhibitors and Antiviral Agents against Dengue and Zika Virus Infections. Journal of Medicinal Chemistry, 2020, 63, 1313-1327.	2.9	24
7	Antiangiogenic Effect of Isomalyngamide A Riboside CY01 in Breast Cancer Cells via Inhibition of Migration, Tube Formation and pVEGFR2/pAKT Signals. Anti-Cancer Agents in Medicinal Chemistry, 2020, 20, 386-399.	0.9	1
8	Liposomal Irinotecan for Treatment of Colorectal Cancer in a Preclinical Model. Cancers, 2019, 11, 281.	1.7	22
9	Aggregationâ€induced emission enhancement of anthraceneâ€derived Schiff base compounds and their application as a sensor for bovine serum albumin and optical cell imaging. Luminescence, 2018, 33, 780-789.	1.5	37
10	Tetrac downregulates Î²-catenin and HMGA2 to promote the effect of resveratrol in colon cancer. Endocrine-Related Cancer, 2018, 25, 279-293.	1.6	33
11	Liposomal paclitaxel induces fewer hematopoietic and cardiovascular complications than bioequivalent doses of Taxol. International Journal of Oncology, 2018, 53, 1105-1117.	1.4	16
12	Nano-Diamino-Tetrac (NDAT) Enhances Resveratrol-Induced Antiproliferation by Action on the RRM2 Pathway in Colorectal Cancers. Hormones and Cancer, 2018, 9, 349-360.	4.9	22
13	Investigation of the proton relay system operative in human cystosolic aminopeptidase P. PLoS ONE, 2018, 13, e0190816.	1.1	1
14	Aggregation induced emission enhancement (AIEE) characteristics of quinoline based compound â€" A versatile fluorescent probe for pH, Fe(III) ion, BSA binding and optical cell imaging. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 182, 58-66.	2.0	17
15	Synthesis Of Biologically Active Bis(Indolyl)Methane Derivatives by Bisindole Alkylation of Tetrahydroisoquinolines with Visibleâ€Light Induced Ringâ€Opening Fragmentation.. Asian Journal of Organic Chemistry, 2017, 6, 426-431.	1.3	26
16	Elevation of Î²-galactoside Î±2,6-sialyltransferase 1 in a fructose-responsive manner promotes pancreatic cancer metastasis. Oncotarget, 2017, 8, 7691-7709.	0.8	67
17	Synthesis of B- and C-ring-modified lithocholic acid analogues as potential sialyltransferase inhibitors. Steroids, 2016, 112, 54-61.	0.8	8
18	Nature-inspired design of tetraindoles: Optimization of the core structure and evaluation of structureâ€"activity relationship. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4497-4503.	1.0	0

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19	Synthesis of Amino Acidâ€comprising Sialyltransferase Inhibitors and Their Antimetastatic Activities against Human Breast Cancer Cells. Journal of the Chinese Chemical Society, 2016, 63, 171-180.	0.8	1
20	Copper-catalyzed Markovnikov hydration of alkynes. Tetrahedron, 2015, 71, 2719-2723.	1.0	42
21	Anticancer efficacy of unique pyridine-based tetraindoles. European Journal of Medicinal Chemistry, 2015, 104, 165-176.	2.6	17
22	Inhibition of Chemokine (C-C Motif) Receptor 7 Sialylation Suppresses CCL19-Stimulated Proliferation, Invasion and Anti-Anoikis. PLoS ONE, 2014, 9, e98823.	1.1	25
23	Synthesis of nitrogen-containing benzoannulated eight- and nine-membered heterocycles from methyl 4-amino-3-iodobenzoate. Mendeleev Communications, 2014, 24, 159-160.	0.6	4
24	The Tetraindole SK228 Reverses the Epithelial-to-Mesenchymal Transition of Breast Cancer Cells by Up-Regulating Members of the miR-200 Family. PLoS ONE, 2014, 9, e101088.	1.1	10
25	Rapid separation of acetophenone and its monohydroxy isomers by capillary electrophoresis. Chinese Chemical Letters, 2013, 24, 833-836.	4.8	8
26	Photoswitchable alkoxy-bridged binuclear rhenium(i) complexes â€“ a potential probe for biomolecules and optical cell imaging. RSC Advances, 2013, 3, 18557.	1.7	39
27	Glycosylation enhances the anti-migratory activities ofÂisomalyngamide A analogs. European Journal of Medicinal Chemistry, 2013, 64, 169-178.	2.6	5
28	A Synthetic Podophyllotoxin Derivative Exerts Anti-Cancer Effects by Inducing Mitotic Arrest and Pro-Apoptotic ER Stress in Lung Cancer Preclinical Models. PLoS ONE, 2013, 8, e62082.	1.1	32
29	Synthesis and Evaluation of the Cytotoxicities of Tetraindoles: Observation that the 5-Hydroxy Tetraindole (SK228) Induces G2Arrest and Apoptosis in Human Breast Cancer Cells. Journal of Medicinal Chemistry, 2012, 55, 1583-1592.	2.9	22
30	The novel indole compound SK228 induces apoptosis and FAK/Paxillin disruption in tumor cell lines and inhibits growth of tumor graft in the nude mouse. International Journal of Cancer, 2012, 131, 722-732.	2.3	25
31	Preparation and Characterization of Amino-Linked Heterocyclic Carbene Palladium, Gold, and Silver Complexes and Their Use as Anticancer Agents That Act by Triggering Apoptotic Cell Death. Journal of Medicinal Chemistry, 2011, 54, 5245-5249.	2.9	133
32	Inhibition of Glutathione S-Transferase M1 by New Gabosine Analogues Is Essential for Overcoming Cisplatin Resistance in Lung Cancer Cells. Journal of Medicinal Chemistry, 2011, 54, 8574-8581.	2.9	29
33	Isomalyngamide A, A-1 and their analogs suppress cancer cell migration inÂvitro. European Journal of Medicinal Chemistry, 2011, 46, 3810-3819.	2.6	55
34	Polyfluorinated bipyridine cisplatins manipulate cytotoxicity through the induction of S-G2/M arrest and partial intercalation mechanism. Bioorganic and Medicinal Chemistry, 2011, 19, 4887-4894.	1.4	18
35	A Novel Sialyltransferase Inhibitor Suppresses FAK/Paxillin Signaling and Cancer Angiogenesis and Metastasis Pathways. Cancer Research, 2011, 71, 473-483.	0.4	105
36	A novel sialyltransferase inhibitor AL10 suppresses invasion and metastasis of lung cancer cells by inhibiting integrinâ€mediated signaling. Journal of Cellular Physiology, 2010, 223, 492-499.	2.0	68

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37	Synthesis and structureâ€“activity relationships of novel furazan-3,4-diamide analogs as potent anti-cancer agents. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 1148-1152.	1.0	12
38	Overcoming the Drug Resistance in Breast Cancer Cells by Rational Design of Efficient Glutathione S-Transferase Inhibitors. Organic Letters, 2010, 12, 20-23.	2.4	18
39	Evaluation of Organophosphorus Chemicalsâ€Degrading Enzymes: A Comparison of Escherichia coli and Human Cytosolic Aminopeptidase P. Chemistry and Biodiversity, 2008, 5, 1401-1411.	1.0	9
40	Oxidations ofN-(3-Indoleethyl) Cyclic Aliphatic Amines by Horseradish Peroxidase:Â The Indole Ring Binds to the Enzyme and Mediates Electron-Transfer Amine Oxidation. Journal of the American Chemical Society, 2008, 130, 933-944.	6.6	20
41	Enzymatic and Nonenzymatic Synthesis of Glutathione Conjugates:â€‰ Application to the Understanding of a Parasite's Defense System and Alternative to the Discovery of Potent Glutathione S-Transferase Inhibitors. Bioconjugate Chemistry, 2007, 18, 109-120.	1.8	24
42	Lithocholic acid analogues, new and potent Î±-2,3-sialyltransferase inhibitors. Chemical Communications, 2006, , 629.	2.2	50
43	Tyrosine 387 and Arginine 404 Are Critical in the Hydrolytic Mechanism ofEscherichia coliAminopeptidase Pâ€. Biochemistry, 2006, 45, 1547-1553.	1.2	17
44	Design of potent inhibitors for Schistosoma japonica glutathione S-transferase. Bioorganic and Medicinal Chemistry, 2006, 14, 304-318.	1.4	20
45	Aminopeptidase P Mediated Detoxification of Organophosphonate Analogues of Sarin: Mechanistic and Stereochemical Study at the Phosphorus Atom of the Substrate. ChemBioChem, 2006, 7, 506-514.	1.3	15
46	Catalytic Hydrogenation of Halosteroidal Derivatives by Bipyridine or Phenanthroline Complexes of Copper(II) in Hydrazine Aqueous Media. Synthetic Communications, 2006, 36, 621-630.	1.1	3
47	Synthesis and Biological Evaluation of 5â€²â€²Triazole Nucleosides. Journal of the Chinese Chemical Society, 2006, 53, 1547-1555.	0.8	14
48	Synthesis of Anomeric Sulfur Analogues of CMP-Neu5Ac Containing Tethered Alkane or Arene. Synlett, 2004, 2004, 37-40.	1.0	0
49	Hydrolysis of organophosphate triesters by Escherichia coli aminopeptidase P. Journal of Molecular Catalysis B: Enzymatic, 2004, 27, 7-12.	1.8	28
50	A selective Cu(II)/Fe(III)-mediated hydrogenation of steroidal haloalkenes in the presence of hydrazine. Tetrahedron Letters, 2003, 44, 1351-1354.	0.7	4
51	Enhanced Degradation of Chemical Warfare Agents through Molecular Engineering of the Phosphotriesterase Active Site. Journal of the American Chemical Society, 2003, 125, 8990-8991.	6.6	129
52	Intramolecular sensitization within steroids: Excited-state interaction of C-17 Î± and Î² carbonÂ–bromine bonds with a C-6 carbonyl group. Canadian Journal of Chemistry, 2003, 81, 660-668.	0.6	4
53	Enzymatic Synthesis of Chiral Organophosphothioates from Prochiral Precursors. Journal of the American Chemical Society, 2002, 124, 3498-3499.	6.6	22
54	N1,N10-Ethylene-bridged high-potential flavins: synthesis, characterization, and reactivity. Tetrahedron, 2001, 57, 4507-4522.	1.0	43

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55	Reaction of amines with N1,N10-ethylene-bridged flavinium salts: the first NMR spectroscopic evidence of C10a tetrahedral amine adducts. Tetrahedron, 2001, 57, 4523-4536.	1.0	25
56	Stereochemical Specificity of Organophosphorus Acid Anhydrolase toward p-Nitrophenyl Analogs of Soman and Sarin. Bioorganic Chemistry, 2001, 29, 27-35.	2.0	31
57	Stereoselective Detoxification of Chiral Sarin and Soman Analogues by Phosphotriesterase. Bioorganic and Medicinal Chemistry, 2001, 9, 2083-2091.	1.4	58
58	Experimental verification of a predicted, previously unseen separation selectivity pattern in the capillary electrophoretic separation of noncharged enantiomers by octakis(2,3-diacetyl-6-sulfato)-Î³-cyclodextrin. Electrophoresis, 2000, 21, 3249-3256.	1.3	16
59	Long-Range Through-Bond Photoactivated Ïƒ Bond Cleavage in Steroids. Intramolecular Sensitized Debromination1. Organic Letters, 2000, 2, 15-18.	2.4	12
60	Rationally Engineered Mutants of Phosphotriesterase for Preparative Scale Isolation of Chiral Organophosphates. Journal of the American Chemical Society, 2000, 122, 10206-10207.	6.6	32
61	trans-2-Phenylcyclopropylamine is a substrate for and inactivator of horseradish peroxidase. BBA - Proteins and Proteomics, 1996, 1296, 250-256.	2.1	13
62	The Permanganate Oxidation of Triethylamine; Evidence for the Formation of Manganate Ion in Potassium Permanganate/Triethylamine Reagent. Journal of the Chinese Chemical Society, 1991, 38, 599-601.	0.8	2
63	Hydrogen rearrangements in alkyl-, styryl- and alkyl propenyl sulfoxides. Organic Mass Spectrometry, 1989, 24, 338-342.	1.3	4