

Wen-Shan Li

List of Publications by Year in descending order

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63
papers

1,583
citations

279487

23
h-index

315357

38
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docs citations

71
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 5245-5249.	2.9	133
2	Enhanced Degradation of Chemical Warfare Agents through Molecular Engineering of the Phosphotriesterase Active Site. <i>Journal of the American Chemical Society</i> , 2003, 125, 8990-8991.	6.6	129
3	A Novel Sialyltransferase Inhibitor Suppresses FAK/Paxillin Signaling and Cancer Angiogenesis and Metastasis Pathways. <i>Cancer Research</i> , 2011, 71, 473-483.	0.4	105
4	A novel sialyltransferase inhibitor AL10 suppresses invasion and metastasis of lung cancer cells by inhibiting integrin α -mediated signaling. <i>Journal of Cellular Physiology</i> , 2010, 223, 492-499.	2.0	68
5	Elevation of β -galactoside β 2,6-sialyltransferase 1 in a fructose-responsive manner promotes pancreatic cancer metastasis. <i>Oncotarget</i> , 2017, 8, 7691-7709.	0.8	67
6	Stereoselective Detoxification of Chiral Sarin and Soman Analogues by Phosphotriesterase. <i>Bioorganic and Medicinal Chemistry</i> , 2001, 9, 2083-2091.	1.4	58
7	Isomalyngamide A, A-1 and their analogs suppress cancer cell migration in vitro. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 3810-3819.	2.6	55
8	Lithocholic acid analogues, new and potent β 2,3-sialyltransferase inhibitors. <i>Chemical Communications</i> , 2006, , 629.	2.2	50
9	N1,N10-Ethylene-bridged high-potential flavins: synthesis, characterization, and reactivity. <i>Tetrahedron</i> , 2001, 57, 4507-4522.	1.0	43
10	Copper-catalyzed Markovnikov hydration of alkynes. <i>Tetrahedron</i> , 2015, 71, 2719-2723.	1.0	42
11	Photoswitchable alkoxy-bridged binuclear rhenium(i) complexes " a potential probe for biomolecules and optical cell imaging. <i>RSC Advances</i> , 2013, 3, 18557.	1.7	39
12	Aggregation-induced emission enhancement of anthracene-derived Schiff base compounds and their application as a sensor for bovine serum albumin and optical cell imaging. <i>Luminescence</i> , 2018, 33, 780-789.	1.5	37
13	Tetrac downregulates β -catenin and HMGA2 to promote the effect of resveratrol in colon cancer. <i>Endocrine-Related Cancer</i> , 2018, 25, 279-293.	1.6	33
14	Rationally Engineered Mutants of Phosphotriesterase for Preparative Scale Isolation of Chiral Organophosphates. <i>Journal of the American Chemical Society</i> , 2000, 122, 10206-10207.	6.6	32
15	A Synthetic Podophyllotoxin Derivative Exerts Anti-Cancer Effects by Inducing Mitotic Arrest and Pro-Apoptotic ER Stress in Lung Cancer Preclinical Models. <i>PLoS ONE</i> , 2013, 8, e62082.	1.1	32
16	Stereochemical Specificity of Organophosphorus Acid Anhydrolase toward p-Nitrophenyl Analogs of Soman and Sarin. <i>Bioorganic Chemistry</i> , 2001, 29, 27-35.	2.0	31
17	Inhibition of Glutathione <i>S</i> -Transferase M1 by New Gabosine Analogues Is Essential for Overcoming Cisplatin Resistance in Lung Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 8574-8581.	2.9	29
18	Hydrolysis of organophosphate triesters by <i>Escherichia coli</i> aminopeptidase P. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2004, 27, 7-12.	1.8	28

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19	Synthesis Of Biologically Active Bis(Indolyl)Methane Derivatives by Bisindole Alkylation of Tetrahydroisoquinolines with Visible-Light Induced Ring-Opening Fragmentation.. Asian Journal of Organic Chemistry, 2017, 6, 426-431.	1.3	26
20	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
21	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
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	Enzymatic and Nonenzymatic Synthesis of Glutathione Conjugates: 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
24	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
25	Enzymatic Synthesis of Chiral Organophosphothioates from Prochiral Precursors. Journal of the American Chemical Society, 2002, 124, 3498-3499.	6.6	22
26	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
27	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
28	Liposomal Irinotecan for Treatment of Colorectal Cancer in a Preclinical Model. Cancers, 2019, 11, 281.	1.7	22
29	Design of potent inhibitors for Schistosoma japonica glutathione S-transferase. Bioorganic and Medicinal Chemistry, 2006, 14, 304-318.	1.4	20
30	Oxidations of N-(3-Indoleethyl) Cyclic Aliphatic Amines by Horseradish Peroxidase: 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
31	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
32	Polyfluorinated bipyridine cisplatin 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
33	Tyrosine 387 and Arginine 404 Are Critical in the Hydrolytic Mechanism of Escherichia coli Aminopeptidase. Biochemistry, 2006, 45, 1547-1553.	1.2	17
34	Anticancer efficacy of unique pyridine-based tetraindoles. European Journal of Medicinal Chemistry, 2015, 104, 165-176.	2.6	17
35	Aggregation induced emission enhancement (AIEE) characteristics of quinoline based compound "A" 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
36	Sialyltransferase Inhibitors Suppress Breast Cancer Metastasis. Journal of Medicinal Chemistry, 2021, 64, 527-542.	2.9	17

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37	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)- β -cyclodextrin. <i>Electrophoresis</i> , 2000, 21, 3249-3256.	1.3	16
38	Liposomal paclitaxel induces fewer hematopoietic and cardiovascular complications than bioequivalent doses of Taxol. <i>International Journal of Oncology</i> , 2018, 53, 1105-1117.	1.4	16
39	Aminopeptidase P Mediated Detoxification of Organophosphonate Analogues of Sarin: Mechanistic and Stereochemical Study at the Phosphorus Atom of the Substrate. <i>ChemBioChem</i> , 2006, 7, 506-514.	1.3	15
40	Synthesis and Biological Evaluation of 5- β -Triazole Nucleosides. <i>Journal of the Chinese Chemical Society</i> , 2006, 53, 1547-1555.	0.8	14
41	trans-2-Phenylcyclopropylamine is a substrate for and inactivator of horseradish peroxidase. <i>BBA - Proteins and Proteomics</i> , 1996, 1296, 250-256.	2.1	13
42	Long-Range Through-Bond Photoactivated C-C Bond Cleavage in Steroids. Intramolecular Sensitized Debromination. <i>Organic Letters</i> , 2000, 2, 15-18.	2.4	12
43	Synthesis and structure-activity relationships of novel furazan-3,4-diamide analogs as potent anti-cancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 1148-1152.	1.0	12
44	Oxidative trimerization of indoles via water-assisted visible-light photoredox catalysis and the study of their anti-cancer activities. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 6247-6252.	1.5	11
45	Sialyltransferase Inhibitors for the Treatment of Cancer Metastasis: Current Challenges and Future Perspectives. <i>Molecules</i> , 2021, 26, 5673.	1.7	10
46	The Tetraindole SK228 Reverses the Epithelial-to-Mesenchymal Transition of Breast Cancer Cells by Up-Regulating Members of the miR-200 Family. <i>PLoS ONE</i> , 2014, 9, e101088.	1.1	10
47	Evaluation of Organophosphorus Chemicals-Degrading Enzymes: A Comparison of <i>Escherichia coli</i> and Human Cytosolic Aminopeptidase P. <i>Chemistry and Biodiversity</i> , 2008, 5, 1401-1411.	1.0	9
48	Rapid separation of acetophenone and its monohydroxy isomers by capillary electrophoresis. <i>Chinese Chemical Letters</i> , 2013, 24, 833-836.	4.8	8
49	Synthesis of B- and C-ring-modified lithocholic acid analogues as potential sialyltransferase inhibitors. <i>Steroids</i> , 2016, 112, 54-61.	0.8	8
50	Heteronemin and tetrac derivatives suppress non-small cell lung cancer growth via ERK1/2 inhibition. <i>Food and Chemical Toxicology</i> , 2022, , 112850.	1.8	8
51	Glycosylation enhances the anti-migratory activities of somalysinamide A analogs. <i>European Journal of Medicinal Chemistry</i> , 2013, 64, 169-178.	2.6	5
52	Hydrogen rearrangements in alkyl-, styryl- and alkyl propenyl sulfoxides. <i>Organic Mass Spectrometry</i> , 1989, 24, 338-342.	1.3	4
53	A selective Cu(II)/Fe(III)-mediated hydrogenation of steroidal haloalkenes in the presence of hydrazine. <i>Tetrahedron Letters</i> , 2003, 44, 1351-1354.	0.7	4
54	Intramolecular sensitization within steroids: Excited-state interaction of C-17 α and β carbon-bromine bonds with a C-6 carbonyl group. <i>Canadian Journal of Chemistry</i> , 2003, 81, 660-668.	0.6	4

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55	Synthesis of nitrogen-containing benzoannulated eight- and nine-membered heterocycles from methyl 4-amino-3-iodobenzoate. <i>Mendeleev Communications</i> , 2014, 24, 159-160.	0.6	4
56	Catalytic Hydrogenation of Halosteroidal Derivatives by Bipyridine or Phenanthroline Complexes of Copper(II) in Hydrazine Aqueous Media. <i>Synthetic Communications</i> , 2006, 36, 621-630.	1.1	3
57	The Permanganate Oxidation of Triethylamine; Evidence for the Formation of Manganate Ion in Potassium Permanganate/Triethylamine Reagent. <i>Journal of the Chinese Chemical Society</i> , 1991, 38, 599-601.	0.8	2
58	Synthesis of Amino Acid-comprising Sialyltransferase Inhibitors and Their Antimetastatic Activities against Human Breast Cancer Cells. <i>Journal of the Chinese Chemical Society</i> , 2016, 63, 171-180.	0.8	1
59	Investigation of the proton relay system operative in human cytosolic aminopeptidase P. <i>PLoS ONE</i> , 2018, 13, e0190816.	1.1	1
60	Antiangiogenic Effect of Isomalyngamide A Riboside CY01 in Breast Cancer Cells via Inhibition of Migration, Tube Formation and pVEGFR2/pAKT Signals. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 386-399.	0.9	1
61	Synthesis of Anomeric Sulfur Analogues of CMP-Neu5Ac Containing Tethered Alkane or Arene. <i>Synlett</i> , 2004, 2004, 37-40.	1.0	0
62	Nature-inspired design of tetraindoles: Optimization of the core structure and evaluation of structure-activity relationship. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 4497-4503.	1.0	0
63	Design, synthesis, and characterization of oxadiazolopyrazine analogs with application as anticancer agents. <i>Journal of the Chinese Chemical Society</i> , 2022, 69, 375-387.	0.8	0