Lee-Chiang Lo Lo

List of Publications by Year
in descending order

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55 papers	1,643 citations	361413 20 h-index	289244 40 g-index
63 all docs	63 docs citations	63 times ranked	1713 citing authors

#	Article	IF	Citations
1	Unveiling a novel serpinB2-tripeptidyl peptidase II signaling axis during senescence. Journal of Cell Science, 2022, 135, .	2.0	2
2	Versatile Azido-Functionalized Carbon Dots for Cancer Cell Imaging. ACS Applied Nano Materials, 2022, 5, 12374-12379.	5.0	0
3	Andrographolide and its fluorescent derivative inhibit the main proteases of 2019-nCoV and SARS-CoV through covalent linkage. Biochemical and Biophysical Research Communications, 2020, 533, 467-473.	2.1	86
4	Rapid Synthesis of a Natural Product-Inspired Uridine Containing Library. ACS Combinatorial Science, 2020, 22, 600-607.	3.8	2
5	Development of a Bifunctional Andrographolide-Based Chemical Probe for Pharmacological Study. PLoS ONE, 2016, 11, e0152770.	2.5	11
6	Design, synthesis, and evaluation of cell permeable probes forÂprotein kinases. Tetrahedron, 2016, 72, 58-68.	1.9	8
7	Detection of Human Î±â€<scp>L</scp>â€Fucosidases by a Quinone Methideâ€Generating Probe: Enhanced Activities in Response to Helicobacter pylori Infection. ChemBioChem, 2015, 16, 1555-1559.	2.6	11
8	Development of Activity-Based Probes for Imaging Human Î±-<scp>l</scp>-Fucosidases in Cells. Journal of Organic Chemistry, 2015, 80, 8458-8463.	3.2	21
9	A Convenient Preparation of Bis(4â€methoxyphenyl)methanethiol and Its Application in the Synthesis of Biotin Thioacid. Journal of the Chinese Chemical Society, 2014, 61, 707-710.	1.4	2
10	Synthesis and evaluation of turn-on fluorescent probes for imaging steroid sulfatase activities in cells. Chemical Communications, 2014, 50, 6116-6119.	4.1	20
11	Palladium-catalyzed annulation of internal alkynes in aqueous medium. RSC Advances, 2014, 4, 4921.	3.6	31
12	Expedient carbonylation of aryl halides in aqueous or neat condition. Tetrahedron, 2014, 70, 8545-8558.	1.9	25
13	Synthesis of non-hydrolyzable substrate analogs for Asp-tRNAAsn/Glu-tRNAGln amidotransferase. Tetrahedron Letters, 2014, 55, 6204-6207.	1.4	5
14	Development and Evaluation of Novel Phosphotyrosine Mimetic Inhibitors Targeting the Src Homology 2 Domain of Signaling Lymphocytic Activation Molecule (SLAM) Associated Protein. Journal of Medicinal Chemistry, 2013, 56, 2841-2849.	6.4	3
15	Application of a recyclable fluorous oxime in the convenient synthesis of 3-amino-1,2-benzisoxazoles and 4-amino-1H-2,3-benzoxazines. Green Chemistry, 2013, 15, 780.	9.0	8
16	Synthesis and Evaluation of Activityâ€Based Probes Carrying a 5â€²â€Fluorosulfonylbenzoyl Adenosine Moiety for Protein Kinases. Journal of the Chinese Chemical Society, 2013, 60, 846-854.	1.4	8
17	Diterpenoids with Anti-Inflammatory Activity from the Wood of Cunninghamia konishii. Molecules, 2013, 18, 682-689.	3.8	21
18	Aconitamide, a Novel Alkaloid from the Roots of Aconitum carmichaeli. Natural Product Communications, 2013, 8, 1934578X1300800.	0.5	3

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19	Development of a fluorous, oxime-based palladacycle for microwave-promoted carbonâ€“carbon coupling reactions in aqueous media. Green Chemistry, 2012, 14, 77-80.	9.0	58
20	Development of a Plateâ€Based Assay Platform to Monitor Cellular SHP2 Phosphatase Activity During Erythroid Differentiation. Journal of the Chinese Chemical Society, 2012, 59, 297-304.	1.4	3
21	Fluorous Oxime Palladacycle: A Precatalyst for Carbonâ€“Carbon Coupling Reactions in Aqueous and Organic Medium. Journal of Organic Chemistry, 2012, 77, 2729-2742.	3.2	83
22	Nitrophenylboronic Acids as Highly Chemoselective Probes To Detect Hydrogen Peroxide in Foods and Agricultural Products. Journal of Agricultural and Food Chemistry, 2011, 59, 11403-11406.	5.2	70
23	Development of activity-based probes with tunable specificity for protein tyrosine phosphatase subfamilies. Tetrahedron, 2010, 66, 4521-4529.	1.9	16
24	Selective activation of SHP2 activity by cisplatin revealed by a novel chemical probe-based assay. Biochemical and Biophysical Research Communications, 2010, 391, 230-234.	2.1	10
25	Side reaction in peptide synthesis. International Journal of Peptide and Protein Research, 2009, 35, 52-54.	0.1	4
26	Mutagenesis and mechanistic study of a glycoside hydrolase family 54 Î±-L-arabinofuranosidase from Trichoderma koningii. Biochemical Journal, 2007, 401, 551-558.	3.7	28
27	Development of an Activityâ€Based Probe for Steroid Sulfatases. ChemBioChem, 2007, 8, 2187-2190.	2.6	32
28	Synthesis of Activity Probes for Î²-Xylosidase. Journal of the Chinese Chemical Society, 2006, 53, 479-488.	1.4	2
29	Rapid and selective isolation of Î²-xylosidase through an activity-based chemical approach. Biotechnology Journal, 2006, 1, 197-202.	3.5	8
30	Facile synthesis toward the construction of an activity probe library for glycosidases. Carbohydrate Research, 2006, 341, 443-456.	2.3	6
31	Design of a Mechanism-Based Probe for Neuraminidase To Capture Influenza Viruses. Angewandte Chemie - International Edition, 2005, 44, 6888-6892.	13.8	34
32	Constitutive secretion of serum albumin requires reversible protein tyrosine phosphorylation events in trans-Golgi. American Journal of Physiology - Cell Physiology, 2005, 289, C748-C756.	4.6	16
33	Utilizing hydrolases of opposite enantiopreference for the preparation of both enantiomers of (1R,7aR)-(?)- and (1S,7aS)-(+)-3,6,7,7a-tetrahydro-1-hydroxy-7a-methyl-1H-inden-5(2H)-one. Chirality, 2004, 16, 267-271.	2.6	0
34	Study of the preferred modification sites of the quinone methide intermediate resulting from the latent trapping device of the activity probes for hydrolases. Biochemical and Biophysical Research Communications, 2004, 326, 30-35.	2.1	28
35	Development of highly selective and sensitive probes for hydrogen peroxideElectronic supplementary information (ESI) available: general methods. See http://www.rsc.org/suppdata/cc/b3/b309393j/. Chemical Communications, 2003, , 2728.	4.1	172
36	A CD Exciton Chirality Method for Determination of the Absolute Configuration ofthreo-Î²-Aryl-Î²-hydroxy-Î±-amino Acid Derivatives. Journal of Organic Chemistry, 2002, 67, 1368-1371.	3.2	8

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37	Design and Synthesis of Class-Selective Activity Probes for Protein Tyrosine Phosphatases. Journal of Proteome Research, 2002, 1, 35-40.	3.7	115
38	Design and Synthesis of Activity Probes for Glycosidases. Organic Letters, 2002, 4, 3607-3610.	4.6	84
39	A Convenient Chemoenzymatic Synthesis of (4aS,5S)-(+)-4,4a,5,6,7,8-Hexahydro-5-hydroxy-4a-methylnaphthalen-2(3H)-one. Journal of Organic Chemistry, 2002, 67, 282-285.	3.2	5
40	CD exciton chirality method for determination of the absolute configuration of ?-hydroxy-?-amino acid derivatives. Chirality, 2001, 13, 266-271.	2.6	8
41	Polymer-Supported Benzotriazoles as Catalysts in the Synthesis of Tetrahydroquinolines by Condensation of Aldehydes with Aromatic Amines. ACS Combinatorial Science, 2001, 3, 341-345.	3.3	21
42	A Novel Coumarin-Type Derivatizing Reagent of Alcohols:â€‰ Application in the CD Exciton Chirality Method for Microscale Structural Determinationâ€. Organic Letters, 2000, 2, 683-685.	4.6	11
43	Lipase-catalyzed acetylation of N-acetylneuraminic acid deiivative. Bioorganic and Medicinal Chemistry Letters, 1999, 9, 709-712.	2.2	5
44	Design and Synthesis of an Activity Probe for Protein Tyrosine Phosphatases. Journal of the Chinese Chemical Society, 1999, 46, 715-718.	1.4	17
45	Chemical Selection for Catalysis in Combinatorial Antibody Libraries. Science, 1997, 275, 945-948.	12.6	224
46	A versatile mechanism based reaction probe for the direct selection of biocatalysts. Bioorganic and Medicinal Chemistry Letters, 1996, 6, 2117-2120.	2.2	27
47	Na,K-ATPase Inhibitors from Bovine Hypothalamus and Human Plasma Are Different from Ouabain: Nanogram Scale CD Structural Analysis. Biochemistry, 1995, 34, 9893-9896.	2.5	105
48	Oligosaccharide microscale analysis by circular dichroic spectroscopy: Reference spectra for chromophoric d-fructofuranoside derivatives. Carbohydrate Research, 1993, 239, 11-33.	2.3	5
49	Circular dichroic studies of 2-amino-2-deoxy-galactopyranosides - conformations of the 2-(N-acetyl-p-bromobenzamido) group. Tetrahedron: Asymmetry, 1993, 4, 321-330.	1.8	14
50	Ferric chloride, an anomerization catalyst for the preparation of alkyl Î±-glycopyranosides. Tetrahedron Letters, 1992, 33, 4295-4298.	1.4	53
51	Detection of Subpicomole Levels of Compounds Containing Hydroxyl and Amino Groups with the Fluorogenic Reagent, 2-Naphthoylimidazole. Angewandte Chemie International Edition in English, 1992, 31, 890-891.	4.4	27
52	Nachweis von Verbindungen mit Hydroxyâ€•und Aminogruppen im Subpicomolâ€Bereich mit 2â€Naphthoylimidazol als Fluoreszenzmarker. Angewandte Chemie, 1992, 104, 918-919.	2.0	8
53	A CD-Spectroscopic Alternative to Methylation Analysis of Oligosaccharides: Reference Spectra for Identification of Chromophoric Glycopyranoside Derivatives. Helvetica Chimica Acta, 1990, 73, 509-551.	1.6	51
54	Separation of diastereomers of protected dipeptides by normal-phase high-performance liquid chromatography. Journal of Chromatography A, 1989, 472, 336-339.	3.7	6

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55	The Preparation of Î²â€Cycloalkylâ€Lâ€Aspartate and Î³â€Cycloalkylâ€Lâ€Glutamate by Enzymatic Hydrolyses. Journal of the Chinese Chemical Society, 1989, 36, 459-462.	1.4	3