

Po-Chiao Lin

List of Publications by Year in descending order

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41
papers

1,229
citations

516710

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docs citations

47
times ranked

1841
citing authors

#	ARTICLE	IF	CITATIONS
1	Site-Specific Protein Modification through CuI-Catalyzed 1,2,3-Triazole Formation and Its Implementation in Protein Microarray Fabrication. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4286-4290.	13.8	163
2	Functionalized Magnetic Nanoparticles for Small-Molecule Isolation, Identification, and Quantification. <i>Analytical Chemistry</i> , 2007, 79, 3401-3408.	6.5	147
3	Ethylene Glycol-Protected Magnetic Nanoparticles for a Multiplexed Immunoassay in Human Plasma. <i>Small</i> , 2006, 2, 485-489.	10.0	140
4	Fabrication of Oriented Antibody-Conjugated Magnetic Nanoprobes and Their Immunoaffinity Application. <i>Analytical Chemistry</i> , 2009, 81, 8774-8782.	6.5	105
5	Nanoprobe-Based Affinity Mass Spectrometry for Selected Protein Profiling in Human Plasma. <i>Analytical Chemistry</i> , 2005, 77, 5990-5997.	6.5	77
6	Multiplexed Immunoassay: Quantitation and Profiling of Serum Biomarkers Using Magnetic Nanoprobes and MALDI-TOF MS. <i>Analytical Chemistry</i> , 2008, 80, 6159-6167.	6.5	77
7	Synthesis of Substituted 3-Indolylimines and Indole-3-carboxaldehydes by Rhodium(II)-Catalyzed Annulation. <i>Organic Letters</i> , 2014, 16, 3752-3755.	4.6	69
8	A Chemically Functionalized Magnetic Nanoplatfrom for Rapid and Specific Biomolecular Recognition and Separation. <i>Biomacromolecules</i> , 2013, 14, 160-168.	5.4	33
9	BAD-Lectins: Boronic Acid-Decorated Lectins with Enhanced Binding Affinity for the Selective Enrichment of Glycoproteins. <i>Analytical Chemistry</i> , 2013, 85, 8268-8276.	6.5	33
10	DAST-Mediated Regioselective Anomeric Group Migration in Saccharides. <i>Journal of Organic Chemistry</i> , 2009, 74, 4041-4048.	3.2	28
11	On chip sorting of bacterial cells using sugar-encapsulated magnetic nanoparticles. <i>Journal of Applied Physics</i> , 2008, 103, .	2.5	25
12	Nanoprobe-based immobilized metal affinity chromatography for sensitive and complementary enrichment of multiply phosphorylated peptides. <i>Proteomics</i> , 2011, 11, 2639-2653.	2.2	20
13	Characterization of Silk Fibroin Modified Surface: A Proteomic View of Cellular Response Proteins Induced by Biomaterials. <i>BioMed Research International</i> , 2014, 2014, 1-13.	1.9	20
14	Cu(I)-Catalyzed Synthesis of Dihydropyrimidin-4-ones toward the Preparation of β^2 - and $\beta^{2,3}$ -Amino Acid Analogues. <i>Journal of Organic Chemistry</i> , 2014, 79, 1254-1264.	3.2	20
15	Reduction of aluminum ion neurotoxicity through a small peptide application – NAP treatment of Alzheimer's disease. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 551-564.	1.9	18
16	Traceless Labeling of Glycoproteins and Its Application to the Study of Glycoprotein-Protein Interactions. <i>ACS Chemical Biology</i> , 2014, 9, 390-397.	3.4	17
17	Monitoring of chemical transformations by mass spectrometry. <i>Analytical Methods</i> , 2015, 7, 6947-6959.	2.7	17
18	A mild removal of Fmoc group using sodium azide. <i>Amino Acids</i> , 2014, 46, 367-374.	2.7	16

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19	Direct monitoring of chemical transformations by combining thin layer chromatography with nanoparticle-assisted laser desorption/ionization mass spectrometry. <i>Analyst</i> , 2013, 138, 1379.	3.5	15
20	Polyadenosine-based fluorescent probe for reversible pH sensing based on protonated adenine-adenine base pairs: Applications to sensing of enzyme-substrate system and enzymatic logic gates. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 681-688.	7.8	15
21	Chemoselective synthesis of aryl carboxamido sulfonic acid derivatives. <i>Tetrahedron</i> , 2013, 69, 2640-2646.	1.9	14
22	Thermally Induced Denitrogenative Annulation for the Synthesis of Dihydroquinolinimines and Chroman-4-imines. <i>Chemistry - an Asian Journal</i> , 2016, 11, 757-765.	3.3	14
23	Synthesis of substituted 3-methylene-2,3-dihydrobenzofurans and 3-methylbenzofurans by rhodium (II)-catalyzed annulation. <i>Tetrahedron</i> , 2015, 71, 6210-6218.	1.9	13
24	Activation of the Ubiquitin Proteasome Pathway by Silk Fibroin Modified Chitosan Nanoparticles in Hepatic Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2015, 16, 1657-1676.	4.1	10
25	A Proteomic View to Characterize the Effect of Chitosan Nanoparticle to Hepatic Cells: Is Chitosan Nanoparticle an Enhancer of PI3K/AKT1/mTOR Pathway?. <i>BioMed Research International</i> , 2014, 2014, 1-9.	1.9	8
26	Glycan-Directed Grafting-from Polymerization of Immunoglobulin G: Site-Selectively Modified IgG-Polymer Conjugates with Preserved Biological Activity. <i>Biomacromolecules</i> , 2018, 19, 3086-3095.	5.4	8
27	Copper(I)-Mediated Denitrogenative Macrocyclization for the Synthesis of Cyclic β -Tripeptide Analogues. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1326-1337.	3.3	7
28	Synthesis and Photophysical Characterization of 2,3-Dihydroquinolin-4-imines: New Fluorophores with Color-Tailored Emission. <i>Chemistry - A European Journal</i> , 2018, 24, 1112-1120.	3.3	7
29	Proteomic Profiling of Neuroblastoma Cells Adhesion on Hyaluronic Acid-Based Surface for Neural Tissue Engineering. <i>BioMed Research International</i> , 2016, 2016, 1-13.	1.9	6
30	Direct Screening of Glycan Patterns from Human Sera: A Selective Glycoprotein Microarray Strategy. <i>ACS Applied Bio Materials</i> , 2019, 2, 1286-1297.	4.6	6
31	Regioselective S _N 2-Type Reaction for the Oriented and Irreversible Immobilization of Antibodies to a Glass Surface Assisted by Boronate Formation. <i>ACS Applied Bio Materials</i> , 2020, 3, 6756-6767.	4.6	6
32	Preparation and Characterization of Hyaluronic Acid-Polycaprolactone Copolymer Micelles for the Drug Delivery of Radioactive Iodine-131 Labeled Lipiodol. <i>BioMed Research International</i> , 2017, 2017, 1-8.	1.9	5
33	Gold(I)-Thiolate Oligomers for Catalytic Hydrogenation of Nitroaromatics in Aqueous and Organic Medium. <i>ChemCatChem</i> , 2020, 12, 4558-4567.	3.7	5
34	Utilizing glycine N-methyltransferase gene knockout mice as a model for identification of missing proteins in hepatocellular carcinoma. <i>Oncotarget</i> , 2018, 9, 442-452.	1.8	5
35	Photochemical Synthesis of Azoarenes from Aryl Azides on Cu(100): A Mechanism Unraveled. <i>Journal of Physical Chemistry C</i> , 2019, 123, 12195-12202.	3.1	4
36	<i>In vivo</i> monitoring of carbonic anhydrase expression during the growth of larval zebrafish: a new environment-sensitive fluorophore for responsive turn-on fluorescence. <i>Chemical Communications</i> , 2020, 56, 11307-11310.	4.1	4

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37	Quantitative analysis of progesterone using isotope dilution-matrix-assisted laser desorption ionization-time of flight mass spectrometry as a reference procedure for radioimmunoassay. <i>Clinica Chimica Acta</i> , 2021, 512, 106-111.	1.1	4
38	Responsive fluorescence enhancement for in vivo Cu(II) monitoring in zebrafish larvae. <i>Biosensors and Bioelectronics</i> , 2022, 200, 113885.	10.1	4
39	Functionalized Glyconanoparticles for the Study of Glycobiology. <i>ACS Symposium Series</i> , 2011, , 15-36.	0.5	3
40	Fabrication and Applications of Glyconanomaterials. <i>Advances in Experimental Medicine and Biology</i> , 2011, 705, 727-755.	1.6	1
41	Ester-Carbene and Its Dimerization with Exclusive Cis-Selectivity on a Silver Surface. <i>Journal of Physical Chemistry C</i> , 2022, 126, 2482-2492.	3.1	0