

# Yen-Peng Ho

## List of Publications by Year in descending order

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50  
papers

1,494  
citations

394421

19  
h-index

315739

38  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1498  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microorganism Identification by Mass Spectrometry and Protein Database Searches. <i>Analytical Chemistry</i> , 1999, 71, 2732-2738.	6.5	307
2	Kurstakins: A New Class of Lipopeptides Isolated from <i>Bacillus thuringiensis</i> . <i>Journal of Natural Products</i> , 2000, 63, 1492-1496.	3.0	137
3	Identification of <i>Bacillus</i> Spores by Matrix-Assisted Laser Desorption Ionization-Mass Spectrometry. <i>Applied and Environmental Microbiology</i> , 1999, 65, 4313-4319.	3.1	113
4	Microwave-assisted enzyme-catalyzed reactions in various solvent systems. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 581-588.	2.8	89
5	Identification of Pathogens by Mass Spectrometry. <i>Clinical Chemistry</i> , 2010, 56, 525-536.	3.2	82
6	Advances in mass spectrometry for the identification of pathogens. <i>Mass Spectrometry Reviews</i> , 2011, 30, 1203-1224.	5.4	64
7	Metal ion complexes in the structural analysis of phospholipids by electrospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 114-121.	1.5	53
8	Functionalized Magnetic Iron Oxide (Fe <sub>3</sub> O <sub>4</sub> ) Nanoparticles for Capturing Gram-Positive and Gram-Negative Bacteria. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 1429-1439.	1.1	45
9	Use of polyethylenimine-modified magnetic nanoparticles for highly specific enrichment of phosphopeptides for mass spectrometric analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 2795-2806.	3.7	44
10	Digestion completeness of microwave-assisted and conventional trypsin-catalyzed reactions. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 421-424.	2.8	42
11	Applications of 1.06- $\mu$ m IR Laser Desorption on a Fourier Transform Mass Spectrometer. <i>Analytical Chemistry</i> , 1998, 70, 4890-4895.	6.5	41
12	Corona plasma discharge for rapid analysis of microorganisms by mass spectrometry. , 1999, 13, 604-606.		38
13	Using Capillary Electrophoresis-Selective Tandem Mass Spectrometry To Identify Pathogens in Clinical Samples. <i>Analytical Chemistry</i> , 2006, 78, 5124-5133.	6.5	32
14	A novel structural analysis of glycerophosphocholines as TFA/K <sup>+</sup> adducts by electrospray ionization ion trap tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 1582-1589.	1.5	30
15	Identification of Microbial Mixtures by Capillary Electrophoresis/Selective Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2005, 77, 1488-1495.	6.5	28
16	Mesoporous Polydopamine Nanoparticles Attenuate Morphine Tolerance in Neuropathic Pain Rats by Inhibition of Oxidative Stress and Restoration of the Endogenous Antioxidant System. <i>Antioxidants</i> , 2021, 10, 195.	5.1	27
17	Investigating the effects of protein patterns on microorganism identification by high-performance liquid chromatography-mass spectrometry and protein database searches. <i>Journal of Chromatography A</i> , 2002, 976, 103-111.	3.7	23
18	Memory effect in weakly-interacting Fe <sub>3</sub> O <sub>4</sub> nanoparticles. <i>RSC Advances</i> , 2015, 5, 84782-84789.	3.6	20

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19	Identification of microbial mixtures by LC-selective proteotypic-peptide analysis(SPA). Journal of Mass Spectrometry, 2006, 41, 1049-1060.	1.6	19
20	Relative calcium-binding strengths of amino acids determined using the kinetic method. Rapid Communications in Mass Spectrometry, 2007, 21, 1083-1089.	1.5	19
21	Encapsulation of Pd(II) by N4 and N2O2 macrocyclic ligands: their use in catalysis and biology. Journal of Coordination Chemistry, 2009, 62, 3040-3049.	2.2	19
22	Mass spectrometric identification of pathogens in foods using a zirconium hydroxide immobilization approach. International Journal of Mass Spectrometry, 2012, 312, 45-52.	1.5	17
23	Evaluating the potential nonthermal microwave effects of microwave-assisted proteolytic reactions. Journal of Proteomics, 2013, 80, 160-170.	2.4	16
24	Identification of bacteria in juice/lettuce using magnetic nanoparticles and selected reaction monitoring mass spectrometry. Journal of Food and Drug Analysis, 2019, 27, 575-584.	1.9	16
25	Î <sup>2</sup> -Actin is a downstream effector of the PI3K/AKT signaling pathway in myeloma cells. Molecular and Cellular Biochemistry, 2011, 348, 129-139.	3.1	15
26	Laser induced popcornlike conformational transition of nanodiamond as a nanoknife. Applied Physics Letters, 2008, 93, 033905.	3.3	14
27	Synthesis of Cu-doped carbon dot/chitosan film composite as a catalyst for the colorimetric detection of hydrogen peroxide and glucose. Mikrochimica Acta, 2022, 189, .	5.0	14
28	Identifying bacterial species using CE-MS and SEQUEST with an empirical scoring function. Electrophoresis, 2007, 28, 1387-1392.	2.4	13
29	Inhibition of aldolase A blocks biogenesis of ATP and attenuates Japanese encephalitis virus production. Biochemical and Biophysical Research Communications, 2014, 443, 464-469.	2.1	13
30	Study of microwave effects on the lipase-catalyzed hydrolysis. Enzyme and Microbial Technology, 2016, 82, 164-172.	3.2	13
31	Quantification of genetically modified soya using strong anion exchange chromatography and time-of-flight mass spectrometry. Analytical and Bioanalytical Chemistry, 2014, 406, 5339-5346.	3.7	10
32	Boron, and nitrogen co-doped carbon dots as a multiplexing probe for sensing of p-nitrophenol, Fe (III), and temperature. Nanotechnology, 2021, 32, 265502.	2.6	9
33	Metastable decay of peptide ions on a Fourier transform mass spectrometer equipped with an external ion source. , 2000, 35, 183-188.		8
34	Sm-Doped NiO Nanoparticles for Magnetic Memory at Room Temperature. ACS Applied Nano Materials, 2021, 4, 10116-10127.	5.0	8
35	Matrix-assisted laser desorption/ionization-MS-based relative quantification of peptides and proteins using iodoacetamide and N-methyliodoacetamide as labeling reagents. Journal of Separation Science, 2008, 31, 538-547.	2.5	7
36	Antrodia cinnamomea profoundly exalted the reversion of activated hepatic stellate cells by the alteration of cellular proteins. Food and Chemical Toxicology, 2014, 69, 150-162.	3.6	7

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37	Using mass spectrometry to probe the subtle differences in conformations of several cytochromes in aqueous and methanol solutions. <i>Journal of Mass Spectrometry</i> , 2004, 39, 1523-1530.	1.6	6
38	Phenologic variation of major triterpenoids in regular and white <i>Antrodia cinnamomea</i> . , 2016, 57, 33.		6
39	JMS Letters. <i>Journal of Mass Spectrometry</i> , 2007, 42, 542-544.	1.6	5
40	Fluorescent Mesoporous Nanoparticles for $\beta$ -Lactamase Screening Assays. <i>ChemistryOpen</i> , 2020, 9, 1074-1081.	1.9	5
41	Selective Capture and Identification of Methicillin-Resistant <i>Staphylococcus aureus</i> by Combining Aptamer-Modified Magnetic Nanoparticles and Mass Spectrometry. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6571.	4.1	5
42	Oxidative Decomposition of Reactive Blue C.I. 19 with Sodium Hypochlorite. <i>Environmental Engineering Science</i> , 2010, 27, 103-109.	1.6	4
43	Mass Spectrometry-Based Approaches for the Detection of Proteins of <i>Staphylococcus</i> Species. <i>Infectious Disorders - Drug Targets</i> , 2008, 8, 166-182.	0.8	4
44	Studying the effect of microwave heating on the digestion process and identification of proteins. <i>Electrophoresis</i> , 2017, 38, 429-440.	2.4	2
45	Quantitative analysis of genetically modified soya using multiple reaction monitoring mass spectrometry with endogenous peptides as internal standards. <i>European Journal of Mass Spectrometry</i> , 2019, 25, 50-57.	1.0	2
46	Characterization of Sodiated Lipids by Electrospray Ionization-Quadrupole Ion Trap Tandem Mass Spectrometry. <i>Journal of the Chinese Chemical Society</i> , 2002, 49, 751-756.	1.4	1
47	Mass spectrometry combined with affinity probes for the identification of CP4 EPSPS in genetically modified soybeans. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4371.	1.6	1
48	Corona plasma discharge for rapid analysis of microorganisms by mass spectrometry. , 1999, 13, 604.		1
49	Sample Preparation Methods for the Rapid MS Analysis of Microorganisms. , 2016, , 51-71.		0
50	An unopened knot protein: YbeA. <i>FASEB Journal</i> , 2010, 24, 684.3.	0.5	0