

# Jung-Yaw Lin

## List of Publications by Year in descending order

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101  
papers

3,652  
citations

117625

34  
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144013

57  
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102  
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102  
docs citations

102  
times ranked

3327  
citing authors

#	ARTICLE	IF	CITATIONS
1	Abrin and Ricin: New Anti-tumour Substances. <i>Nature</i> , 1970, 227, 292-293.	27.8	181
2	Fip- <i>vvo</i> , a new fungal immunomodulatory protein isolated from <i>Volvariella volvacea</i> . <i>Biochemical Journal</i> , 1997, 323, 557-565.	3.7	160
3	Crystal Structure of Abrin-a at 2.14 Å.... <i>Journal of Molecular Biology</i> , 1995, 250, 354-367.	4.2	159
4	A New Fungal Immunomodulatory Protein, FIP-fve Isolated from the Edible Mushroom, <i>Flammulina velutipes</i> and its Complete Amino Acid Sequence. <i>FEBS Journal</i> , 1995, 228, 244-249.	0.2	155
5	Antimutagenic activity of extracts from anticancer drugs in Chinese medicine. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1988, 204, 229-234.	1.2	141
6	Nicotinamide N-methyltransferase induces cellular invasion through activating matrix metalloproteinase-2 expression in clear cell renal cell carcinoma cells. <i>Carcinogenesis</i> , 2011, 32, 138-145.	2.8	132
7	Antihypertensive effects of tannins isolated from traditional Chinese herbs as non-specific inhibitors of angiotensin converting enzyme. <i>Life Sciences</i> , 2003, 73, 1543-1555.	4.3	119
8	Dimerization of the N-terminal Amphipathic $\alpha$ -Helix Domain of the Fungal Immunomodulatory Protein from <i>Ganoderma tsugae</i> (Fip-gts) Defined by a Yeast Two-hybrid System and Site-directed Mutagenesis. <i>Journal of Biological Chemistry</i> , 1997, 272, 20044-20048.	3.4	114
9	MYC pathway is activated in clear cell renal cell carcinoma and essential for proliferation of clear cell renal cell carcinoma cells. <i>Cancer Letters</i> , 2009, 273, 35-43.	7.2	110
10	Isolation of four isotoxic proteins and one agglutinin from jequiriti bean ( <i>Abrus precatorius</i> ). <i>Toxicon</i> , 1981, 19, 41-51.	1.6	95
11	Abrin Triggers Cell Death by Inactivating a Thiol-specific Antioxidant Protein. <i>Journal of Biological Chemistry</i> , 2001, 276, 21870-21877.	3.4	84
12	Fungal Immunomodulatory Protein from <i>Flammulina velutipes</i> Induces Interferon- $\beta$ Production through p38 Mitogen-Activated Protein Kinase Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 2721-2725.	5.2	83
13	Identification and Characterization of a Shrimp White Spot Syndrome Virus (WSSV) Gene That Encodes a Novel Chimeric Polypeptide of Cellular-Type Thymidine Kinase and Thymidylate Kinase. <i>Virology</i> , 2000, 277, 100-110.	2.4	76
14	Transcriptional Analysis of the Ribonucleotide Reductase Genes of Shrimp White Spot Syndrome Virus. <i>Virology</i> , 2000, 277, 92-99.	2.4	74
15	The coat protein of the RNA bacteriophage MS2. <i>Journal of Molecular Biology</i> , 1967, 24, 1-14.	4.2	69
16	Bioactive Kaurane Diterpenoids from <i>Annona glabra</i> . <i>Journal of Natural Products</i> , 1998, 61, 437-439.	3.0	69
17	The detection of mycobacterial DNA sequences in uncultured clinical specimens with cloned <i>Mycobacterium tuberculosis</i> DNA as probes. <i>Tubercle</i> , 1988, 69, 27-36.	0.6	68
18	Inhibition of Angiotensin-I-Converting Enzyme by Tetrahydroxyxanthenes Isolated from <i>Tripterospermum lanceolatum</i> . <i>Journal of Natural Products</i> , 1992, 55, 691-695.	3.0	62

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19	Inhibitory Effects of Flavonoids on Moloney Murine Leukemia Virus Reverse Transcriptase Activity. <i>Journal of Natural Products</i> , 1992, 55, 179-183.	3.0	61
20	Ricin Triggers Apoptotic Morphological Changes through Caspase-3 Cleavage of BAT3. <i>Journal of Biological Chemistry</i> , 2004, 279, 19264-19275.	3.4	61
21	Isolation and Characterization of a Lectin from Edible Mushroom, <i>Volvariella volvacea</i> . <i>Journal of Biochemistry</i> , 1984, 96, 35-40.	1.7	57
22	Trypsin Inhibitor from the Seeds of <i>Acacia confusa</i> 1. <i>Journal of Biochemistry</i> , 1991, 110, 879-883.	1.7	47
23	A New Fungal Immunomodulatory Protein, FIP-fve Isolated from the Edible Mushroom, <i>Flammulina velutipes</i> and its Complete Amino Acid Sequence. <i>FEBS Journal</i> , 1995, 228, 244-249.	0.2	46
24	Cardiotoxic protein from edible mushrooms. <i>Nature</i> , 1974, 252, 235-237.	27.8	45
25	Deoxyribonucleic acid hybridization analysis for the detection of urogenital <i>Chlamydia trachomatis</i> infections in women. <i>American Journal of Obstetrics and Gynecology</i> , 1987, 156, 195-199.	1.3	44
26	Studies on the antitumor lectins isolated from the seeds of <i>Ricinus communis</i> (castor bean). <i>Toxicon</i> , 1986, 24, 757-765.	1.6	43
27	Cloning, Characterization, and Phylogenetic Analysis of a Shrimp White Spot Syndrome Virus Gene That Encodes a Protein Kinase. <i>Virology</i> , 2001, 289, 362-377.	2.4	42
28	Isolation of a New Cardiotoxic Protein from the Edible Mushroom, <i>Volvariella volvacea</i> . <i>Nature</i> , 1973, 246, 524-525.	27.8	41
29	Corosolic Acid Inhibits Hepatocellular Carcinoma Cell Migration by Targeting the VEGFR2/Src/FAK Pathway. <i>PLoS ONE</i> , 2015, 10, e0126725.	2.5	41
30	Isolation of toxic and non-toxic lectins from the bitter pear melon <i>Momordica charantia</i> Linn. <i>Toxicon</i> , 1978, 16, 653-660.	1.6	40
31	Primary Structure and Function Analysis of the <i>Abrus precatorius</i> Agglutinin A Chain by Site-directed Mutagenesis. <i>Journal of Biological Chemistry</i> , 2000, 275, 1897-1901.	3.4	39
32	Liver fatty acid-binding protein (L-FABP) promotes cellular angiogenesis and migration in hepatocellular carcinoma. <i>Oncotarget</i> , 2016, 7, 18229-18246.	1.8	38
33	Primary Structure of Three Distinct Isoabrinins Determined by cDNA Sequencing. <i>Journal of Molecular Biology</i> , 1993, 229, 263-267.	4.2	37
34	The Complete Amino Acid Sequence of a Kunitz Family Trypsin Inhibitor from Seeds of <i>Acacia confusa</i> 1. <i>Journal of Biochemistry</i> , 1993, 113, 258-263.	1.7	36
35	Up-Regulation of Vascular Endothelial Growth Factor-D Expression in Clear Cell Renal Cell Carcinoma by CD74: A Critical Role in Cancer Cell Tumorigenesis. <i>Journal of Immunology</i> , 2008, 181, 6584-6594.	0.8	35
36	Aqueous extract of <i>Gardenia jasminoides</i> targeting oxidative stress to reduce polyQ aggregation in cell models of spinocerebellar ataxia 3. <i>Neuropharmacology</i> , 2014, 81, 166-175.	4.1	34

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37	Aqueous extract of <i>Glycyrrhiza inflata</i> inhibits aggregation by upregulating PPAR $\gamma$ 1A and NFE2L2/ARE pathways in cell models of spinocerebellar ataxia 3. <i>Free Radical Biology and Medicine</i> , 2014, 71, 339-350.	2.9	33
38	Sechiumin, a ribosome-inactivating protein from the edible gourd, <i>Sechium edule</i> Swartz . Purification, characterization, molecular cloning and expression. <i>FEBS Journal</i> , 1998, 255, 400-408.	0.2	31
39	Toxicity of the cardiotoxic protein, flammutoxin, isolated from the edible mushroom <i>Flammulina velutipes</i> . <i>Toxicon</i> , 1975, 13, 323-332.	1.6	29
40	Functional Domains of a Pore-forming Cardiotoxic Protein, Volvatoxin A2. <i>Journal of Biological Chemistry</i> , 2004, 279, 6805-6814.	3.4	29
41	Protective Effects of Wogonin against Alzheimer's Disease by Inhibition of Amyloidogenic Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-13.	1.2	29
42	Purification, characterization and molecular cloning of trichoanguin, a novel type I ribosome-inactivating protein from the seeds of <i>Trichosanthes anguina</i> . <i>Biochemical Journal</i> , 1999, 338, 211-219.	3.7	27
43	Preparation and anti-HIV activities of retrojusticidin B analogs and azalignans. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 4045-4054.	3.0	27
44	Chimeric Polypeptide of Thymidine Kinase and Thymidylate Kinase of Shrimp White Spot Syndrome Virus: Thymidine Kinase Activity of the Recombinant Protein Expressed in a Baculovirus/Insect Cell System. <i>Virology</i> , 2002, 299, 248-255.	2.4	25
45	Role of the CCAAT-Binding Protein NFY in SCA17 Pathogenesis. <i>PLoS ONE</i> , 2012, 7, e35302.	2.5	25
46	Cloning and expression of three abrin A-chains and their mutants derived by site-specific mutagenesis in <i>Escherichia coli</i> . <i>FEBS Journal</i> , 1994, 219, 83-87.	0.2	24
47	Ribonucleotide Reductase of Shrimp White Spot Syndrome Virus (WSSV): Expression and Enzymatic Activity in a Baculovirus/Insect Cell System and WSSV-Infected Shrimp. <i>Virology</i> , 2002, 304, 282-290.	2.4	24
48	Studies on the active principle from <i>Abrus precatorius</i> L. Leguminosae seed kernels. <i>Toxicon</i> , 1971, 9, 97-101.	1.6	23
49	The complete primary structure of abrin-a B chain. <i>FEBS Letters</i> , 1992, 309, 115-118.	2.8	23
50	A biophysical elucidation for less toxicity of Agglutinin than Abrin-a from the Seeds of <i>Abrus Precatorius</i> in consequence of crystal structure. <i>Journal of Biomedical Science</i> , 2010, 17, 34.	7.0	23
51	The potential of lactulose and melibiose, two novel trehalase-indigestible and autophagy-inducing disaccharides, for polyQ-mediated neurodegenerative disease treatment. <i>NeuroToxicology</i> , 2015, 48, 120-130.	3.0	21
52	Aqueous extracts of <i>Paeonia suffruticosa</i> modulates mitochondrial proteostasis by reactive oxygen species-induced endoplasmic reticulum stress in pancreatic cancer cells. <i>Phytomedicine</i> , 2018, 46, 184-192.	5.3	21
53	The Importance of the Helix 2 Region for the cis-Cleaving and trans-Cleaving Activities of Hepatitis Delta Virus Ribozymes. <i>Biochemistry</i> , 1996, 35, 12303-12312.	2.5	20
54	The In Vitro Inhibitory Effects of Crude Extracts of Traditional Chinese Herbs on 3-Hydroxy-3-Methylglutaryl-Coenzyme A Reductase on Vero Cells. <i>The American Journal of Chinese Medicine</i> , 2002, 30, 629-636.	3.8	19

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55	Altered expression of HSPA5, HSPA8 and PARK7 in spinocerebellar ataxia type 17 identified by 2-dimensional fluorescence difference in gel electrophoresis. <i>Clinica Chimica Acta</i> , 2009, 400, 56-62.	1.1	19
56	Native and/or asialo-Tamm-Horsfall glycoproteins Sd(a+) are important receptors for <i>Triticum vulgare</i> (wheat germ) agglutinin and for three toxic lectins (abrin-a, ricin and mistletoe toxic) <i>Tj ETQq0 0 0 rgBT /Overstock 10 16 50 697 1</i>	2.8	16
57	The potential of synthetic indolylquinoline derivatives for A $\beta$ aggregation reduction by chemical chaperone activity. <i>Neuropharmacology</i> , 2016, 101, 309-319.	4.1	18
58	Aqueous extract of <i>Polygonum bistorta</i> modulates proteostasis by ROS-induced ER stress in human hepatoma cells. <i>Scientific Reports</i> , 2017, 7, 41437.	3.3	18
59	<i>Puerariae Radix</i> Prevents Anxiety and Cognitive Deficits in Mice Under Oligomeric A $\beta$ -Induced Stress. <i>The American Journal of Chinese Medicine</i> , 2019, 47, 1459-1481.	3.8	17
60	Effects of a Chinese Herbal Medicine, Guan-Jen-Huang ( <i>Aeginetia indica</i> Linn.), on Renal Cancer Cell Growth and Metastasis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-10.	1.2	16
61	The aqueous extract of <i>Glycyrrhiza inflata</i> can upregulate unfolded protein response-mediated chaperones to reduce tau misfolding in cell models of Alzheimer's disease. <i>Drug Design, Development and Therapy</i> , 2016, 10, 885.	4.3	16
62	Amino-terminal sequences of the anti-tumor lectin ricin A- and B-chains. <i>Biochemical and Biophysical Research Communications</i> , 1975, 65, 1191-1195.	2.1	15
63	Effects of Circular Permutation on the Cis-Cleavage Reaction of a Hepatitis Delta Virus Ribozyme: Application to Trans-Acting Ribozyme Design. <i>Biochemistry</i> , 1996, 35, 124-131.	2.5	15
64	ISOLATION OF ANTITUMOR PROTEINS ABRIN A AND ABRIN B FROM <i>ABRUS PRECATORIUS</i> *. <i>International Journal of Peptide and Protein Research</i> , 1978, 12, 311-317.	0.1	15
65	The cytotoxic effects of abrin and ricin on Ehrlich ascites tumor cells. <i>Toxicon</i> , 1973, 11, 379-380.	1.6	14
66	Amino Acid Sequences of Trypsin Inhibitors from the Melon <i>Cucumis melo</i> 1. <i>Journal of Biochemistry</i> , 1995, 118, 18-22.	1.7	14
67	The in vitro Inhibitory Effect of Tannin Derivatives on 3-Hydroxy-3-Methylglutaryl-Coenzyme A Reductase on Vero Cells. <i>Pharmacology</i> , 2001, 62, 224-228.	2.2	14
68	Identification of differentially expressed genes in clear cell renal cell carcinoma by analysis of full-length enriched cDNA library. <i>Journal of Biomedical Science</i> , 2006, 13, 233-240.	7.0	14
69	Involvement of Prohibitin Upregulation in Abrin-Triggered Apoptosis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-11.	1.2	14
70	Gene expression analysis of human hepatocellular carcinoma by using full-length cDNA library. <i>Journal of Biomedical Science</i> , 2006, 13, 241-249.	7.0	13
71	Structural Insights into DD-Fold Assembly and Caspase-9 Activation by the Apaf-1 Apoptosome. <i>Structure</i> , 2017, 25, 407-420.	3.3	13
72	Chinese Herbal Medicine <i>Glycyrrhiza inflata</i> Reduces A $\beta$ Aggregation and Exerts Neuroprotection through Anti-Oxidation and Anti-Inflammation. <i>The American Journal of Chinese Medicine</i> , 2018, 46, 1535-1559.	3.8	12

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73	Targeting Ubiquitin Proteasome Pathway with Traditional Chinese Medicine for Treatment of Spinocerebellar Ataxia Type 3. <i>The American Journal of Chinese Medicine</i> , 2019, 47, 63-95.	3.8	12
74	Distribution of I131-labeled abrin in vivo. <i>Toxicon</i> , 1970, 8, 197-201.	1.6	11
75	Amino acid analysis of the coat protein of the filamentous bacterial virus $\phi$ from <i>Xanthomonas oryzae</i> . <i>Virology</i> , 1971, 45, 38-41.	2.4	11
76	Growth suppression of human colorectal carcinoma in nude mice by monoclonal antibody C27-abrin A chain conjugate. <i>Diseases of the Colon and Rectum</i> , 1995, 38, 1067-1074.	1.3	11
77	Purification, characterization and molecular cloning of trichoanguin, a novel type I ribosome-inactivating protein from the seeds of <i>Trichosanthes anguina</i> . <i>Biochemical Journal</i> , 1999, 338, 211.	3.7	11
78	Nucleotide sequence of cDNA for <i>Acacia confusa</i> trypsin inhibitor and implication of post-translation processing. <i>Biochemical and Biophysical Research Communications</i> , 1992, 184, 1524-1528.	2.1	10
79	Inactivation of <i>Acacia confusa</i> trypsin inhibitor by site-specific mutagenesis. <i>FEBS Letters</i> , 1994, 353, 312-314.	2.8	10
80	Carbohydrate specificity of a toxic lectin, abrin A, from the seeds of <i>Abrus precatorius</i> (jequirity). <i>Journal of Biological Chemistry</i> , 1987, 262, 10500-10504.	4.3	10
81	Treatment with a <i>Ginkgo biloba</i> extract, EGb 761, inhibits excitotoxicity in an animal model of spinocerebellar ataxia type 17. <i>Drug Design, Development and Therapy</i> , 2016, 10, 723.	4.3	10
82	Crystallization of agglutinin from the seeds of <i>Abrus precatorius</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2000, 56, 898-899.	2.5	9
83	Inhibition of Moloney murine leukemia virus reverse transcriptase activity by tetrahydroxyxanthones isolated from the Chinese herb, <i>Tripterispermum lanceolatum</i> (Hyata). <i>Antiviral Research</i> , 1992, 19, 119-127.	4.1	8
84	Crystallization and preliminary X-ray analysis of volvatoxin A2 from <i>Volvarella volvacea</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 1996, 24, 141-142.		8
85	Indole and synthetic derivative activate chaperone expression to reduce polyQ aggregation in SCA17 neuronal cell and slice culture models. <i>Drug Design, Development and Therapy</i> , 2014, 8, 1929.	4.3	8
86	Carbohydrate in abrin. <i>Toxicon</i> , 1971, 9, 353-360.	1.6	6
87	Large-scale sequencing analysis of the full-length cDNA library of human hepatocellular carcinoma. <i>Journal of Biomedical Science</i> , 2003, 10, 636-643.	7.0	5
88	Roles of mammalian structural units, ligand cluster and polyvalency in the <i>Abrus precatorius</i> agglutinin and glycoprotein recognition process. <i>Molecular Immunology</i> , 2009, 46, 3427-3437.	2.2	5
89	Recognition intensities of submolecular structures, mammalian glyco-structural units, ligand cluster and polyvalency in abrin-a-carbohydrate interactions. <i>Biochimie</i> , 2010, 92, 147-156.	2.6	5
90	Aqueous Extract of <i>Paeonia suffruticosa</i> Inhibits Migration and Metastasis of Renal Cell Carcinoma Cells via Suppressing VEGFR-3 Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-9.	1.2	5

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91	Yang-Dan-Tang, Identified from 15 Chinese Herbal Formulae, Inhibits Human Lung Cancer Cell Proliferation via Cell Cycle Arrest. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-12.	1.2	5
92	Demonstration of Further Differences between in Vitro and in Vivo Synthesized MS2 Coat Protein*. Biochemistry, 1967, 6, 3402-3407.	2.5	4
93	A New Crystal Form of Abrin-a from the Seeds of Abrus precatorius. Journal of Molecular Biology, 1994, 235, 1152-1153.	4.2	4
94	Inhibitory effects of nontoxic protein volvatoxin A1 on pore-forming cardiotoxic protein volvatoxin A2 by interaction with amphipathic alpha-helix. FEBS Journal, 2006, 273, 3160-3171.	4.7	4
95	Amino acid sequence of trichoanguina, a ribosomal-inactivating protein from Trichosanthes anguina seeds. Journal of Biomedical Science, 1996, 3, 178-186.	7.0	3
96	Probing the Domain Structure of Abrin-a by Tryptic Digestion. FEBS Journal, 1996, 240, 564-569.	0.2	3
97	Full-Length Enrich c-DNA Libraries-Clear Cell-Renal Cell Carcinoma. Journal of Oncology, 2012, 2012, 1-15.	1.3	3
98	Large-Scale Sequencing Analysis of the Full-Length cDNA Library of Human Hepatocellular Carcinoma. Journal of Biomedical Science, 2003, 10, 636-643.	7.0	3
99	TOXIC AND NONTXIC LECTINS FROM ABRUS PRECATORIUS AND RICINUS COMMUNIS. , 1978, , 837-853.		0
100	The isolation and purification of pre-S2 containing hepatitis B virus surface antigen by chemical affinity chromatography. Applied Biochemistry and Biotechnology, 1987, 15, 255-263.	2.9	0
101	Amino Acid Sequence of Trichoanguina, a Ribosomal- Inactivating Protein from Trichosanthes anguina Seeds. Journal of Biomedical Science, 1996, 3, 178-186.	7.0	0