

Ho Sup Yoon

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6340140/ho-sup-yoon-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

118
papers

7,639
citations

31
h-index

86
g-index

121
ext. papers

8,396
ext. citations

7.4
avg, IF

5.25
L-index

#	Paper	IF	Citations
118	Antiviral activity against Middle East Respiratory Syndrome coronavirus by Montelukast, an anti-asthma drug. <i>Antiviral Research</i> , 2021 , 185, 104996	10.8	2
117	Coherence-Tailored Multiwavelength High-Speed Quantitative Phase Imaging with a High Phase Stability via a Frequency Comb. <i>Advanced Photonics Research</i> , 2021 , 2, 2000088	1.9	1
116	PGE1 and PGA1 bind to Nurr1 and activate its transcriptional function. <i>Nature Chemical Biology</i> , 2020 , 16, 876-886	11.7	23
115	Self-powered, on-demand transdermal drug delivery system driven by triboelectric nanogenerator. <i>Nano Energy</i> , 2019 , 62, 610-619	17.1	61
114	Chloroquine modulates inflammatory autoimmune responses through Nurr1 in autoimmune diseases. <i>Scientific Reports</i> , 2019 , 9, 15559	4.9	18
113	Crystal structure of human vaccinia-related kinase 1 in complex with AMP-PNP, a non-hydrolyzable ATP analog. <i>Protein Science</i> , 2019 , 28, 524-532	6.3	1
112	Chemogenomic Profiling of Human and Microbial FK506-Binding Proteins. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 3660-3673	8.3	20
111	Molecular diversity and function of jasminolides from <i>Jasminum sambac</i> . <i>BMC Plant Biology</i> , 2018 , 18, 144	5.3	4
110	Self-association and conformational variation of NS5A domain 1 of hepatitis C virus. <i>Journal of General Virology</i> , 2018 , 99, 194-208	4.9	1
109	Functionalized MoS Nanosheets as Multi-Gene Delivery Vehicles for Pancreatic Cancer Therapy. <i>Nanotheranostics</i> , 2018 , 2, 371-386	5.6	21
108	Biodegradable nanocarriers for small interfering ribonucleic acid (siRNA) co-delivery strategy increase the chemosensitivity of pancreatic cancer cells to gemcitabine. <i>Nano Research</i> , 2017 , 10, 3049-3067	10.7	27
107	Stimuli-responsive multifunctional glyconanoparticle platforms for targeted drug delivery and cancer cell imaging. <i>Chemical Science</i> , 2017 , 8, 3980-3988	9.4	27
106	Speckle reduction in quantitative phase imaging by generating spatially incoherent laser field at electroactive optical diffusers. <i>Optics Express</i> , 2017 , 25, 10791-10800	3.3	18
105	New structural insight of C-terminal region of Syntenin-1, enhancing the molecular dimerization and inhibitory function related on Syndecan-4 signaling. <i>Scientific Reports</i> , 2016 , 6, 36818	4.9	14
104	Crystal structure of the FK506 binding domain of human FKBP25 in complex with FK506. <i>Protein Science</i> , 2016 , 25, 905-10	6.3	6
103	Biodegradable charged polyester-based vectors (BCPVs) as an efficient non-viral transfection nanoagent for gene knockdown of the BCR-ABL hybrid oncogene in a human chronic myeloid leukemia cell line. <i>Nanoscale</i> , 2016 , 8, 9405-16	7.7	17
102	Structural basis of nucleic acid recognition by FK506-binding protein 25 (FKBP25), a nuclear immunophilin. <i>Nucleic Acids Research</i> , 2016 , 44, 2909-25	20.1	17

101	Aggregation-induced emission (AIE) dye loaded polymer nanoparticles for gene silencing in pancreatic cancer and their in vitro and in vivo biocompatibility evaluation. <i>Nano Research</i> , 2015 , 8, 1563-1576	10.30	30
100	Nuclear receptor Nurr1 agonists enhance its dual functions and improve behavioral deficits in an animal model of Parkinson's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 8756-61	11.5	103
99	Assembling Mn:ZnSe quantum dots-siRNA nanoplexes for gene silencing in tumor cells. <i>Biomaterials Science</i> , 2015 , 3, 192-202	7.4	22
98	Deposition of high-density Au nanoparticles on ITO glass by centrifugation. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 1	2.3	3
97	Biodegradable nanoparticle-mediated K-ras down regulation for pancreatic cancer gene therapy. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 2163-2172	7.3	20
96	Combination of pharmacophore hypothesis and molecular docking to identify novel inhibitors of HCV NS5B polymerase. <i>Molecular Diversity</i> , 2015 , 19, 529-39	3.1	3
95	Studies on the Chitin Binding Property of Novel Cysteine-Rich Peptides from <i>Alternanthera sessilis</i> . <i>Biochemistry</i> , 2015 , 54, 6639-49	3.2	29
94	RNAi-based therapeutic nanostrategy: IL-8 gene silencing in pancreatic cancer cells using gold nanorods delivery vehicles. <i>Nanotechnology</i> , 2015 , 26, 365101	3.4	17
93	(1)H, (13)C and (15)N resonance assignments of human FK506 binding protein 25. <i>Biomolecular NMR Assignments</i> , 2015 , 9, 43-6	0.7	4
92	Structural transition in Bcl-xL and its potential association with mitochondrial calcium ion transport. <i>Scientific Reports</i> , 2015 , 5, 10609	4.9	16
91	Ursolic acid exerts anti-cancer activity by suppressing vaccinia-related kinase 1-mediated damage repair in lung cancer cells. <i>Scientific Reports</i> , 2015 , 5, 14570	4.9	24
90	MOCVD Growth of High-Quality and Density-Tunable GaAs Nanowires on ITO Catalyzed by Au Nanoparticles Deposited by Centrifugation. <i>Nanoscale Research Letters</i> , 2015 , 10, 410	5	4
89	Bh3 induced conformational changes in Bcl-XL revealed by crystal structure and comparative analysis. <i>Proteins: Structure, Function and Bioinformatics</i> , 2015 , 83, 1262-72	4.2	22
88	A Light-Driven Therapy of Pancreatic Adenocarcinoma Using Gold Nanorods-Based Nanocarriers for Co-Delivery of Doxorubicin and siRNA. <i>Theranostics</i> , 2015 , 5, 818-33	12.1	84
87	Immunophilins: Structures, Mechanisms and Ligands. <i>Current Molecular Pharmacology</i> , 2015 , 9, 37-47	3.7	25
86	Cysteine-Rich Peptide Family with Unusual Disulfide Connectivity from <i>Jasminum sambac</i> . <i>Journal of Natural Products</i> , 2015 , 78, 2791-9	4.9	10
85	Insight into the molecular interaction between the cyclic nucleotide-binding homology domain and the eag domain of the hERG channel. <i>FEBS Letters</i> , 2014 , 588, 2782-8	3.8	7
84	Pancreatic cancer gene therapy using an siRNA-functionalized single walled carbon nanotubes (SWNTs) nanoplex. <i>Biomaterials Science</i> , 2014 , 2, 1244-1253	7.4	27

83	Interleukin-8 gene silencing on pancreatic cancer cells using biodegradable polymer nanoplexes. <i>Biomaterials Science</i> , 2014 , 2, 1007-1015	7.4	14
82	Solution structure of the cyclic-nucleotide binding homology domain of a KCNH channel. <i>Journal of Structural Biology</i> , 2014 , 186, 68-74	3.4	6
81	Structural basis for the conserved binding mechanism of MDM2-inhibiting peptides and anti-apoptotic Bcl-2 family proteins. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 445, 120-5	3.4	8
80	Luteolin suppresses cancer cell proliferation by targeting vaccinia-related kinase 1. <i>PLoS ONE</i> , 2014 , 9, e109655	3.7	29
79	A conserved mechanism for binding of p53 DNA-binding domain and anti-apoptotic Bcl-2 family proteins. <i>Molecules and Cells</i> , 2014 , 37, 264-9	3.5	19
78	Crystal structure of Plasmodium vivax FK506-binding protein 25 reveals conformational changes responsible for its noncanonical activity. <i>Proteins: Structure, Function and Bioinformatics</i> , 2014 , 82, 1235-44	4.2	5
77	^1H , ^{13}C and ^{15}N chemical shift assignments for the N-terminal PAS domain of the KCNH channel from zebrafish. <i>Biomolecular NMR Assignments</i> , 2014 , 8, 165-8	0.7	2
76	Backbone ^1H , ^{13}C and ^{15}N resonance assignments of human vaccinia-related kinase 1 (VRK1). <i>Biomolecular NMR Assignments</i> , 2014 , 8, 29-31	0.7	1
75	Suprafenacine, an indazole-hydrazide agent, targets cancer cells through microtubule destabilization. <i>PLoS ONE</i> , 2014 , 9, e110955	3.7	8
74	Revisiting de novo drug design: receptor based pharmacophore screening. <i>Current Topics in Medicinal Chemistry</i> , 2014 , 14, 1890-8	3	14
73	Lipoxygenase Inhibitory Effects of Dibenzylbutane Lignans from the Seeds of Myristica fragrans (Nutmeg). <i>Bulletin of the Korean Chemical Society</i> , 2014 , 35, 3095-3098	1.2	1
72	Adamantyl derivative as a potent inhibitor of Plasmodium FK506 binding protein 35. <i>ACS Medicinal Chemistry Letters</i> , 2013 , 4, 1097-101	4.3	13
71	PtdIns(3)P-bound UVRAG coordinates Golgi-ER retrograde and Atg9 transport by differential interactions with the ER tether and the beclin1 complex. <i>Nature Cell Biology</i> , 2013 , 15, 1206-1219	23.4	71
70	Dual-site interactions of p53 protein transactivation domain with anti-apoptotic Bcl-2 family proteins reveal a highly convergent mechanism of divergent p53 pathways. <i>Journal of Biological Chemistry</i> , 2013 , 288, 7387-98	5.4	34
69	The flavonoid myricetin reduces nocturnal melatonin levels in the blood through the inhibition of serotonin N-acetyltransferase. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 440, 312-6	3.4	13
68	NMR solution structure of C2 domain of MFG-E8 and insights into its molecular recognition with phosphatidylserine. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013 , 1828, 1083-93	3.8	18
67	Aspirin-induced Bcl-2 translocation and its phosphorylation in the nucleus trigger apoptosis in breast cancer cells. <i>Experimental and Molecular Medicine</i> , 2013 , 45, e47	12.8	27
66	Structural insights into substrate binding by PvFKBP35, a peptidylprolyl cis-trans isomerase from the human malarial parasite Plasmodium vivax. <i>Eukaryotic Cell</i> , 2013 , 12, 627-34		17

65	Biodegradable nanocapsules as siRNA carriers for mutant K-Ras gene silencing of human pancreatic carcinoma cells. <i>Small</i> , 2013 , 9, 2757-63	11	31
64	C-H π hydrogen bonds in FK506-binding protein-ligand interactions. <i>Journal of Molecular Recognition</i> , 2013 , 26, 550-5	2.6	3
63	Obtusilactone B from <i>Machilus Thunbergii</i> targets barrier-to-autointegration factor to treat cancer. <i>Molecular Pharmacology</i> , 2013 , 83, 367-76	4.3	20
62	Small molecule Plasmodium FKBP35 inhibitor as a potential antimalaria agent. <i>Scientific Reports</i> , 2013 , 3, 2501	4.9	21
61	Functional role of the flexible N-terminal extension of FKBP38 in catalysis. <i>Scientific Reports</i> , 2013 , 3, 2985	4.9	5
60	Benzofuran-based estrogen receptor γ modulators as anti-cancer therapeutics: in silico and experimental studies. <i>Current Medicinal Chemistry</i> , 2013 , 20, 2820-37	4.3	4
59	Purification and structural characterization of the voltage-sensor domain of the hERG potassium channel. <i>Protein Expression and Purification</i> , 2012 , 86, 98-104	2	9
58	Structural insights into the dual-targeting mechanism of Nutlin-3. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 420, 48-53	3.4	21
57	The natively disordered loop of Bcl-2 undergoes phosphorylation-dependent conformational change and interacts with Pin1. <i>PLoS ONE</i> , 2012 , 7, e52047	3.7	8
56	High-resolution crystal structure of FKBP12 from <i>Aedes aegypti</i> . <i>Protein Science</i> , 2012 , 21, 1080-4	6.3	5
55	Solution structure of FK506-binding protein 12 from <i>Aedes aegypti</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2012 , 80, 2476-81	4.2	5
54	Macro histone H2A1.2 (macroH2A1) protein suppresses mitotic kinase VRK1 during interphase. <i>Journal of Biological Chemistry</i> , 2012 , 287, 5278-89	5.4	33
53	Molecular mimicry-based repositioning of nutlin-3 to anti-apoptotic Bcl-2 family proteins. <i>Journal of the American Chemical Society</i> , 2011 , 133, 1244-7	16.4	34
52	FKBP38-Bcl-2 interaction: a novel link to chemoresistance. <i>Current Opinion in Pharmacology</i> , 2011 , 11, 354-9	5.1	19
51	Interaction of a putative BH3 domain of clusterin with anti-apoptotic Bcl-2 family proteins as revealed by NMR spectroscopy. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 408, 541-7	3.4	20
50	Molecular basis of Bcl-X(L)-p53 interaction: insights from molecular dynamics simulations. <i>PLoS ONE</i> , 2011 , 6, e26014	3.7	27
49	The NSSA Domain II of HCV: Conservation of Intrinsic Disorder in Several Genotypes 2011 , 409-424		1
48	Glycosylated porphyrin derivatives and their photodynamic activity in cancer cells. <i>MedChemComm</i> , 2011 , 2, 371	5	29

47	A tunable 3D optofluidic waveguide dye laser via two centrifugal Dean flow streams. <i>Lab on A Chip</i> , 2011 , 11, 3182-7	7.2	156
46	Targeting FK506 binding proteins to fight malarial and bacterial infections: current advances and future perspectives. <i>Current Medicinal Chemistry</i> , 2011 , 18, 1874-89	4.3	14
45	NMR solution structure of human vaccinia-related kinase 1 (VRK1) reveals the C-terminal tail essential for its structural stability and autocatalytic activity. <i>Journal of Biological Chemistry</i> , 2011 , 286, 22131-8	5.4	31
44	FKBP38 protects Bcl-2 from caspase-dependent degradation. <i>Journal of Biological Chemistry</i> , 2010 , 285, 9770-9779	5.4	30
43	Mechanistic insights into non-immunosuppressive immunophilin ligands as potential antimalarial therapeutics. <i>Malaria Journal</i> , 2010 , 9,	3.6	78
42	NMR and crystallographic structures of the FK506 binding domain of human malarial parasite <i>Plasmodium vivax</i> FKBP35. <i>Protein Science</i> , 2010 , 19, 1577-86	6.3	22
41	NMR assignments of the FK506-binding domain of FK506-binding protein 35 from <i>Plasmodium vivax</i> . <i>Biomolecular NMR Assignments</i> , 2009 , 3, 243-5	0.7	7
40	Crystallographic structure of the tetratricopeptide repeat domain of <i>Plasmodium falciparum</i> FKBP35 and its molecular interaction with Hsp90 C-terminal pentapeptide. <i>Protein Science</i> , 2009 , 18, 2115-24	6.3	25
39	Design of beta-hairpin peptides for modulation of cell adhesion by beta-turn constraint. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 726-36	8.3	12
38	The MDM2-binding region in the transactivation domain of p53 also acts as a Bcl-X(L)-binding motif. <i>Biochemistry</i> , 2009 , 48, 12159-68	3.2	31
37	Crystal structure of the FK506 binding domain of <i>Plasmodium falciparum</i> FKBP35 in complex with FK506. <i>Biochemistry</i> , 2008 , 47, 5951-61	3.2	28
36	FKBP family proteins: immunophilins with versatile biological functions. <i>NeuroSignals</i> , 2008 , 16, 318-25	1.9	228
35	Kinetin riboside preferentially induces apoptosis by modulating Bcl-2 family proteins and caspase-3 in cancer cells. <i>Cancer Letters</i> , 2008 , 261, 37-45	9.9	50
34	Solution structure of FK506 binding domain (FKBD) of <i>Plasmodium falciparum</i> FK506 binding protein 35 (PpFKBP35). <i>Proteins: Structure, Function and Bioinformatics</i> , 2008 , 70, 300-2	4.2	12
33	Efficient intracellular delivery of functional proteins using cationic polymer core/shell nanoparticles. <i>Biomaterials</i> , 2008 , 29, 1224-32	15.6	52
32	Korean mistletoe lectin (KML-IIU) and its subchains induce nitric oxide (NO) production in murine macrophage cells. <i>Journal of Biomedical Science</i> , 2008 , 15, 197-204	13.3	14
31	NMR solution structure of subunit F of the methanogenic A1AO adenosine triphosphate synthase and its interaction with the nucleotide-binding subunit B. <i>Biochemistry</i> , 2007 , 46, 11684-94	3.2	24
30	Domain 2 of nonstructural protein 5A (NS5A) of hepatitis C virus is natively unfolded. <i>Biochemistry</i> , 2007 , 46, 11550-8	3.2	78

29	1H, 13C, and 15N resonance assignments of subunit F of the A(1)A (O) ATP synthase from <i>Methanosarcina mazei</i> G1. <i>Biomolecular NMR Assignments</i> , 2007 , 1, 23-5	0.7	3
28	1H, 13C, and 15N resonance assignments of FK506-binding domain of <i>Plasmodium falciparum</i> FKBP35. <i>Biomolecular NMR Assignments</i> , 2007 , 1, 27-8	0.7	1
27	Mitotic histone H3 phosphorylation by vaccinia-related kinase 1 in mammalian cells. <i>Molecular and Cellular Biology</i> , 2007 , 27, 8533-46	4.8	101
26	Expression, purification and characterization of C2 domain of milk fat globule-EGF-factor 8-L. <i>Protein Expression and Purification</i> , 2007 , 52, 329-33	2	2
25	Expression, purification, and molecular characterization of <i>Plasmodium falciparum</i> FK506-binding protein 35 (PffFKBP35). <i>Protein Expression and Purification</i> , 2007 , 53, 179-85	2	15
24	Isoliquiritigenin selectively inhibits H(2) histamine receptor signaling. <i>Molecular Pharmacology</i> , 2006 , 70, 493-500	4.3	28
23	The N-terminal domain of tumor suppressor p53 is involved in the molecular interaction with the anti-apoptotic protein Bcl-XL. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 341, 938-44	3.4	22
22	Co-delivery of drugs and DNA from cationic core-shell nanoparticles self-assembled from a biodegradable copolymer. <i>Nature Materials</i> , 2006 , 5, 791-6	27	568
21	Backbone 1H, 13C, and 15N resonance assignments of the N-terminal domain of FKBP38 (FKBP38NTD). <i>Journal of Biomolecular NMR</i> , 2006 , 36 Suppl 1, 37	3	1
20	Molecular characterization of the recombinant A-chain of a type II ribosome-inactivating protein (RIP) from <i>Viscum album coloratum</i> and structural basis on its ribosome-inactivating activity and the sugar-binding properties of the B-chain. <i>BMB Reports</i> , 2006 , 39, 560-70	5.5	14
19	Molecular and structural characterization of the domain 2 of hepatitis C virus non-structural protein 5A. <i>Molecules and Cells</i> , 2006 , 22, 13-20	3.5	19
18	Molecular characterization of FK-506 binding protein 38 and its potential regulatory role on the anti-apoptotic protein Bcl-2. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 337, 30-8	3.4	43
17	The flexible loop of Bcl-2 is required for molecular interaction with immunosuppressant FK-506 binding protein 38 (FKBP38). <i>FEBS Letters</i> , 2005 , 579, 1469-76	3.8	41
16	Solution structure of the antiapoptotic protein bcl-2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 3012-7	11.5	364
15	Preferential interaction of the mRNA proofreading factor TFIIS zinc ribbon with rU.dA base pairs correlates with its function. <i>Biochemistry</i> , 1998 , 37, 12104-12	3.2	14
14	Determination of encephalomyocarditis viral diabetogenicity by a putative binding site of the viral capsid protein. <i>Diabetes</i> , 1998 , 47, 576-82	0.9	19
13	A High-Capacity Scintillation Proximity Assay for the Discovery and Evaluation of ZAP-70 Tandem SH2 Domain Antagonists. <i>Journal of Biomolecular Screening</i> , 1998 , 3, 139-144		13
12	Structure of Bcl-xL-Bak peptide complex: recognition between regulators of apoptosis. <i>Science</i> , 1997 , 275, 983-6	33.3	1263

11	Solution structure of the DNA-binding domain of a human papillomavirus E2 protein: evidence for flexible DNA-binding regions. <i>Biochemistry</i> , 1996 , 35, 2095-103	3.2	62
10	X-ray and NMR structure of human Bcl-xL, an inhibitor of programmed cell death. <i>Nature</i> , 1996 , 381, 335-41	50.4	1303
9	Structural characterization of the interaction between a pleckstrin homology domain and phosphatidylinositol 4,5-bisphosphate. <i>Biochemistry</i> , 1995 , 34, 9859-64	3.2	111
8	Solution structure of the Shc SH2 domain complexed with a tyrosine-phosphorylated peptide from the T-cell receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 7784-8	11.5	55
7	Solution structure of a pleckstrin-homology domain. <i>Nature</i> , 1994 , 369, 672-5	50.4	208
6	Pleckstrin homology domains bind to phosphatidylinositol-4,5-bisphosphate. <i>Nature</i> , 1994 , 371, 168-70	50.4	710
5	The transcription factor TFIIIS zinc ribbon dipeptide Asp-Glu is critical for stimulation of elongation and RNA cleavage by RNA polymerase II. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994 , 91, 9106-10	11.5	67
4	Novel zinc finger motif in the basal transcriptional machinery: three-dimensional NMR studies of the nucleic acid binding domain of transcriptional elongation factor TFIIIS. <i>Biochemistry</i> , 1993 , 32, 9944-53	3.2	115
3	Structure of a new nucleic-acid-binding motif in eukaryotic transcriptional elongation factor TFIIIS. <i>Nature</i> , 1993 , 365, 277-9	50.4	116
2	Cloning, expression and characterization of the human transcription elongation factor, TFIIIS. <i>Nucleic Acids Research</i> , 1991 , 19, 1073-9	20.1	55
1	Stimulation of transcript elongation requires both the zinc finger and RNA polymerase II binding domains of human TFIIIS. <i>Biochemistry</i> , 1991 , 30, 7842-51	3.2	91