Yongseok Choi

List of Publications by Year
in descending order

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102	3,245	126708	168136
papers	citations	33 h-index	53 g-index

114	114	114	4554
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	AIMP2-DX2 provides therapeutic interface to control KRAS-driven tumorigenesis. Nature Communications, 2022, 13, 2572.	5.8	3
2	NADPH oxidase inhibitor development for diabetic nephropathy through water tank model. Kidney Research and Clinical Practice, 2022, 41, S89-S98.	0.9	6
3	Combination of LMT-28 and Metformin Improves Beneficial Anti-Inflammatory Effect in Collagen-Induced Arthritis. Pharmacology, 2021, 106, 53-59.	0.9	10
4	Total Synthesis of the Neuroprotective Agent Cudraisoflavone J. Journal of Natural Products, 2021, 84, 1359-1365.	1.5	6
5	Catalystâ€Free Oneâ€Pot Multiâ€Component Synthesis of 2â€Substituted Quinazolinâ€4â€carboxamides from 2â€Aminophenylâ€2â€oxoacetamides, Aldehydes, and Ammonium Acetate. ChemistrySelect, 2021, 6, 5446-5450.	0.7	2
6	Combination of gp130-targeting and TNF-targeting small molecules in alleviating arthritis through the down-regulation of Th17 differentiation and osteoclastogenesis. Biochemical and Biophysical Research Communications, 2020, 522, 1030-1036.	1.0	4
7	Synthesis and Cytotoxicity Studies of Bioactive Benzofurans from Lavandula agustifolia and Modified Synthesis of Ailanthoidol, Homoegonol, and Egonol. Journal of Natural Products, 2020, 83, 3354-3362.	1.5	10
8	Elucidation of Mechanism for Ligand Efficacy at Leukotriene B₄ Receptor 2 (BLT2). ACS Medicinal Chemistry Letters, 2020, 11, 1529-1534.	1.3	7
9	The disubstituted adamantyl derivative LW1564 inhibits the growth of cancer cells by targeting mitochondrial respiration and reducing hypoxia-inducible factor (HIF)-1Î± accumulation. Experimental and Molecular Medicine, 2020, 52, 1845-1856.	3.2	10
10	In vitro and in vivo pharmacokinetic characterization of LMT-28 as a novel small molecular interleukin-6 inhibitor. Asian-Australasian Journal of Animal Sciences, 2020, 33, 670-677.	2.4	7
11	An Overview of Saturated Cyclic Ethers: Biological Profiles and Synthetic Strategies. Molecules, 2019, 24, 3778.	1.7	45
12	Elucidation of the inhibition mechanism of sulfiredoxin using molecular modeling and development of its inhibitors. Journal of Molecular Graphics and Modelling, 2019, 92, 208-215.	1.3	4
13	A protecting group-free divergent synthesis of natural benzofurans via one-pot synthesis of 2-bromo-6-hydroxybenzofurans. Organic and Biomolecular Chemistry, 2019, 17, 2153-2161.	1.5	14
14	Iodineâ€Promoted Oneâ€pot Synthesis of Highly Substituted 4â€Aminopyrroles and Bisâ€4â€aminopyrrole from Aryl Methyl Ketones, Arylamines, and Enamines. Advanced Synthesis and Catalysis, 2018, 360, 4073-4079.	2.1	7
15	Suppression of Hepatitis C Virus Genome Replication and Particle Production by a Novel Diacylglycerol Acyltransferases Inhibitor. Molecules, 2018, 23, 2083.	1.7	5
16	Schweinfurthins Aâ€“Q: isolation, synthesis, and biochemical properties. RSC Advances, 2018, 8, 21191-21209.	1.7	11
17	Stereoselective Synthesis of Antiâ€Hepatitisâ€…B Drug, Entecavir, through Regioâ€and Stereoselective Epoxide Cleavage. Asian Journal of Organic Chemistry, 2017, 6, 1213-1218.	1.3	5
18	Discovery of a novel series of N -hydroxypyridone derivatives protecting astrocytes against hydrogen peroxide-induced toxicity via improved mitochondrial functionality. Bioorganic and Medicinal Chemistry, 2017, 25, 1394-1405.	1.4	7

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19	Synthesis and evaluation of (+)-decursin derivatives as inhibitors of the Wnt/Î²-catenin pathway. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 3529-3532.	1.0	6
20	A Divergent Approach for the Synthesis of d- and l-4â€²-Ethynyl Dioxolane Nucleosides with Potent Anti-HIV Activity. Synthesis, 2016, 48, 3050-3056.	1.2	4
21	From the Cover: Ethylmercury-Induced Oxidative and Endoplasmic Reticulum Stress-Mediated Autophagic Cell Death: Involvement of Autophagosomeâ€“Lysosome Fusion Arrest. Toxicological Sciences, 2016, 154, 27-42.	1.4	17
22	A novel pyrazole derivative protects from ovariectomy-induced osteoporosis through the inhibition of NADPH oxidase. Scientific Reports, 2016, 6, 22389.	1.6	38
23	Structureâ€“activity relationship study of a series of novel oxazolidinone derivatives as IL-6 signaling blockers. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1282-1286.	1.0	15
24	Effective Killing of Cancer Cells Through ROS-Mediated Mechanisms by AMRI-59 Targeting Peroxiredoxin I. Antioxidants and Redox Signaling, 2016, 24, 453-469.	2.5	36
25	Nucleosides with Modified Sugar Ring: Synthesis and Biological Activities. Current Organic Chemistry, 2016, 20, 856-897.	0.9	9
26	An Insight into Drug Repositioning for the Development of Novel Anti-Cancer Drugs. Current Topics in Medicinal Chemistry, 2016, 16, 2156-2168.	1.0	24
27	Recent Advances in Anticancer Chemotherapeutics based upon Azepine Scaffold. Anti-Cancer Agents in Medicinal Chemistry, 2016, 16, 539-557.	0.9	9
28	Recent Advances in the Development of Pharmacologically Active Compounds that Contain a Benzoxazole Scaffold. Asian Journal of Organic Chemistry, 2015, 4, 1338-1361.	1.3	54
29	Crystal Structure of Dimeric Human Peroxiredoxinâ€1 <scp>C83S</scp> Mutant. Bulletin of the Korean Chemical Society, 2015, 36, 1543-1545.	1.0	9
30	Non-Selective Cannabinoid Receptor Antagonists, Hinokiresinols Reduce Infiltration of Microglia/Macrophages into Ischemic Brain Lesions in Rat via Modulating 2-Arachidonolyglycerol-Induced Migration and Mitochondrial Activity. PLoS ONE, 2015, 10, e0141600.	1.1	7
31	A Novel Small-Molecule Inhibitor Targeting the IL-6 Receptor Î² Subunit, Glycoprotein 130. Journal of Immunology, 2015, 195, 237-245.	0.4	71
32	Synthesis and Structureâ€“Activity Relationship Study of Chemical Probes as Hypoxia Induced Factor-1Î±/Malate Dehydrogenase 2 Inhibitors. Journal of Medicinal Chemistry, 2014, 57, 9522-9538.	2.9	34
33	Therapeutic Strategies for Metabolic Diseases: Smallâ€Molecule Diacylglycerol Acyltransferase (DGAT) Inhibitors. ChemMedChem, 2014, 9, 2410-2424.	1.6	35
34	Discovery of novel (1S)-(âˆ')-verbenone derivatives with anti-oxidant and anti-ischemic effects. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 5421-5425.	1.0	18
35	Up-regulation of astroglial heme oxygenase-1 by a synthetic (S)-verbenone derivative LMT-335 ameliorates oxygenâ€“glucose deprivation-evoked injury in cortical neurons. Biochemical and Biophysical Research Communications, 2013, 431, 484-489.	1.0	2
36	Discovery of indolyl acrylamide derivatives as human diacylglycerol acyltransferase-2 selective inhibitors. Organic and Biomolecular Chemistry, 2013, 11, 849-858.	1.5	14

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37	Synthesis of a novel series of 2-alkylthio substituted naphthoquinones as potent acyl-CoA: Cholesterol acyltransferase (ACAT) inhibitors. European Journal of Medicinal Chemistry, 2013, 62, 515-525.	2.6	10
38	Enhanced Intrapulmonary Delivery of Anticancer siRNA for Lung Cancer Therapy Using Cationic Ethylphosphocholine-based Nanolipoplexes. Molecular Therapy, 2013, 21, 816-824.	3.7	54
39	Differential anti-ischemic efficacy and therapeutic time window of trans- and cis-hinokiresinols: Stereo-specific antioxidant and anti-inflammatory activities. Neuropharmacology, 2013, 67, 465-475.	2.0	7
40	Liverâ€Specific and Echogenic Hyaluronic Acid Nanoparticles Facilitating Liver Cancer Discrimination. Advanced Functional Materials, 2013, 23, 5518-5529.	7.8	39
41	Initial preclinical safety of nonâ€replicating human endogenous retrovirus envelope proteinâ€coated baculovirus vectorâ€based vaccines against human papillomavirus. Journal of Applied Toxicology, 2013, 33, 1474-1483.	1.4	1
42	Synthesis of Naturally Occurring Norlignan (Â±)-Nyasol. Bulletin of the Korean Chemical Society, 2013, 34, 1247-1249.	1.0	1
43	A facile synthetic route to diazepinone derivatives via ring closing metathesis and its application for human cytidine deaminase inhibitors. Chemical Communications, 2012, 48, 11443.	2.2	10
44	Tetraiodothyroacetic acid-tagged liposomes for enhanced delivery of anticancer drug to tumor tissue via integrin receptor. Journal of Controlled Release, 2012, 164, 213-220.	4.8	27
45	Discovery of a novel series of benzimidazole derivatives as diacylglycerol acyltransferase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 7456-7460.	1.0	18
46	Tumorâ€Homing Polyâ€siRNA/Glycol Chitosan Selfâ€Crossâ€Linked Nanoparticles for Systemic siRNA Delivery in Cancer Treatment. Angewandte Chemie - International Edition, 2012, 51, 7203-7207.	7.2	149
47	Comparative study of photosensitizer loaded and conjugated glycol chitosan nanoparticles for cancer therapy. Journal of Controlled Release, 2011, 152, 21-29.	4.8	206
48	Cationic drug-derived nanoparticles for multifunctional delivery of anticancer siRNA. Biomaterials, 2011, 32, 9785-9795.	5.7	62
49	Tumor-homing photosensitizer-conjugated glycol chitosan nanoparticles for synchronous photodynamic imaging and therapy based on cellular on/off system. Biomaterials, 2011, 32, 4021-4029.	5.7	155
50	Tocopheryl oligochitosan-based self assembling oligomersomes for siRNA delivery. Biomaterials, 2011, 32, 849-857.	5.7	50
51	HIF-1Î± inhibitors: Synthesis and biological evaluation of novel moracin O and P analogues. European Journal of Medicinal Chemistry, 2011, 46, 2386-2396.	2.6	51
52	Synthesis of (S)-(+)-decursin and its analogues as potent inhibitors of melanin formation in B16 murine melanoma cells. European Journal of Medicinal Chemistry, 2010, 45, 5567-5575.	2.6	11
53	Tumor-homing glycol chitosan/polyethylenimine nanoparticles for the systemic delivery of siRNA in tumor-bearing mice. Journal of Controlled Release, 2010, 144, 134-143.	4.8	145
54	Cellular uptake pathway and drug release characteristics of drugâ€encapsulated glycol chitosan nanoparticles in live cells. Microscopy Research and Technique, 2010, 73, 857-865.	1.2	33

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55	Application of rpoB and Zinc Protease Gene for Use in Molecular Discrimination of Fusobacterium nucleatum Subspecies. Journal of Clinical Microbiology, 2010, 48, 545-553.	1.8	55
56	In vivo tumor diagnosis and photodynamic therapy via tumoral pH-responsive polymeric micelles. Chemical Communications, 2010, 46, 5668.	2.2	173
57	Anionic amino acid-derived cationic lipid for siRNA delivery. Journal of Controlled Release, 2009, 140, 268-276.	4.8	49
58	A novel class of highly potent multidrug resistance reversal agents: Disubstituted adamantyl derivatives. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 5376-5379.	1.0	17
59	The first total synthesis of moracin O and moracin P, and establishment of the absolute configuration of moracin O. Chemical Communications, 2009, , 1879.	2.2	41
60	Chromen-based TNF-Î± converting enzyme (TACE) inhibitors: Design, synthesis, and biological evaluation. Bioorganic and Medicinal Chemistry, 2008, 16, 530-535.	1.4	38
61	Synthesis of Conformationally Locked Versions of Puromycin Analogues. Journal of Organic Chemistry, 2008, 73, 9435-9438.	1.7	13
62	Histone deacetylase inhibitor KBH-A42 inhibits cytokine production in RAW 264.7 macrophage cells and in vivo endotoxemia model. Experimental and Molecular Medicine, 2008, 40, 574.	3.2	54
63	Conformationally Constrained Analogues of Diacylglycerol (DAG). 28. DAG-dioxolanones Reveal a New Additional Interaction Site in the C1b Domain of PKCÎ´. Journal of Medicinal Chemistry, 2007, 50, 3465-3481.	2.9	11
64	Structureâ"Activity Relationship Studies of a Series of Novel Î´-Lactam-Based Histone Deacetylase Inhibitors. Journal of Medicinal Chemistry, 2007, 50, 2737-2741.	2.9	29
65	Modification of cap group in Î´-lactam-based histone deacetylase (HDAC) inhibitors. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 6234-6238.	1.0	27
66	Stereoselective synthesis of (E)- and (Z)-enol ethers from Î²-amino aldehydes. Archives of Pharmacal Research, 2007, 30, 695-700.	2.7	4
67	Gelastatins and their hydroxamates as dual functional inhibitors for TNF-Î± converting enzyme and matrix metalloproteinases: Synthesis, biological evaluation, and mechanism studies. Biochemical and Biophysical Research Communications, 2006, 341, 627-634.	1.0	10
68	Stereoselectivity of fructose-1,6-bisphosphate aldolase in Thermus caldophilus. Biochemical and Biophysical Research Communications, 2006, 347, 616-625.	1.0	10
69	Facile synthesis of glucose-1-phosphate from starch by Thermus caldophilus GK24 Î±-glucan phosphorylase. Process Biochemistry, 2005, 40, 3707-3713.	1.8	14
70	A Practical Enzymatic Synthesis of UDP Sugars and NDP Glucoses. ChemBioChem, 2005, 6, 1963-1966.	1.3	23
71	A hexokinase with broad sugar specificity from a thermophilic bacterium. Biochemical and Biophysical Research Communications, 2005, 334, 754-763.	1.0	11
72	Understanding How the Herpes Thymidine Kinase Orchestrates Optimal Sugar and Nucleobase Conformations To Accommodate Its Substrate at the Active Site:Â A Chemical Approach. Journal of the American Chemical Society, 2005, 127, 15145-15150.	6.6	40

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73	Synthesis and characterization of oligonucleotides containing conformationally constrained bicyclo[3.1.0]hexane pseudosugar analogs. Nucleic Acids Research, 2004, 32, 3642-3650.	6.5	22
74	Caught in the act: visualization of an intermediate in the DNA base-flipping pathway induced by HhaI methyltransferase. Nucleic Acids Research, 2004, 32, 3877-3886.	6.5	43
75	RECENT ADVANCES IN ANTIVIRAL NUCLEOSIDES. , 2003, , 1-76.		5
76	Differential Binding Modes of Diacylglycerol (DAG) and DAG Lactones to Protein Kinase C (PK-C). Journal of Medicinal Chemistry, 2003, 46, 1571-1579.	2.9	32
77	2-Substitution of Adenine Nucleotide Analogues Containing a Bicyclo[3.1.0]hexane Ring System Locked in a Northern Conformation:Â Enhanced Potency as P2Y1Receptor Antagonists. Journal of Medicinal Chemistry, 2003, 46, 4974-4987.	2.9	125
78	Synthesis, Anti-HIV Activity, and Molecular Mechanism of Drug Resistance of l-2â€˜,3â€˜-Didehydro-2â€˜,3â€˜-dideoxy-2â€˜-fluoro-4â€˜-thionucleosides. Journal of Medicinal Chemistry, 2003, 46, 389-398.	2.9	38
79	A Conformationally Locked Analogue of the Anti-HIV Agent Stavudine. An Important Correlation between Pseudorotation and Maximum Amplitude. Journal of Medicinal Chemistry, 2003, 46, 3292-3299.	2.9	54
80	Conformationally Constrained Analogues of Diacylglycerol. 19. Synthesis and Protein Kinase C Binding Affinity of Diacylglycerol Lactones Bearing an N-Hydroxylamide Side Chain. Journal of Medicinal Chemistry, 2003, 46, 2790-2793.	2.9	18
81	Synthesis and Conformational Analysis of a Locked Analogue of Carbovir Built on a Bicyclo[3.1.0]-hex-2-enyl Template. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 2077-2091.	0.4	9
82	Recent Advances in the Synthesis of Conformationally Locked Nucleosides and Their Success in Probing the Critical Question of Conformational Preferences by Their Biological Targets. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 547-557.	0.4	30
83	Enantioselective Synthesis of Bicyclo[3.1.0]hexane Carbocyclic Nucleosides via a Lipase-Catalyzed Asymmetric Acetylation. Characterization of an Unusual Acetal Byproduct. Journal of Organic Chemistry, 2002, 67, 5938-5945.	1.7	24
84	Synthesis and Potent Anti-HIV Activity of l-2â€˜,3â€˜-Didehydro-2â€˜,3â€˜-dideoxy-2â€˜-fluoro-4â€˜-thiocytidine. Organic Letters, 2002, 4, 305-307.	2.4	28
85	Stereoselective Synthesis and Antiviral Activity ofd-2â€˜,3â€˜-Didehydro-2â€˜,3â€˜-dideoxy-2â€˜-fluoro-4â€˜-thionucleosides. Journal of Medicinal Chemistry, 2002, 45, 4888-4898.	2.9	35
86	Antiviral Activities and Cellular Toxicities of Modified 2â€²,3â€²-Dideoxy-2â€²,3â€²-Didehydrocytidine Analogues. Antimicrobial Agents and Chemotherapy, 2002, 46, 3854-3860.	1.4	120
87	Synthesis of a Conformationally Locked Version of Puromycin Amino Nucleoside. Organic Letters, 2002, 4, 589-592.	2.4	17
88	Structureâ^'Activity Relationships of 2â€˜-Fluoro-2â€˜,3â€˜-unsaturatedd-Nucleosides as Anti-HIV-1 Agents. Journal of Medicinal Chemistry, 2002, 45, 1313-1320.	2.9	48
89	Synthesis of novel 3â€²-C-methyl-apionucleosides: an asymmetric construction of a quaternary carbon by Claisen rearrangement. Carbohydrate Research, 2000, 328, 37-48.	1.1	18
90	Metabolism and Mode of Inhibition of Varicella-Zoster Virus byl-Î²-5-Bromovinyl-(2-hydroxymethyl)-(1,3-dioxolanyl)uracil Is Dependent on Viral Thymidine Kinase. Molecular Pharmacology, 2000, 58, 1109-1114.	1.0	7

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91	Anti-Epstein-Barr Virus (EBV) Activity of Î²- l -5-Iododioxolane Uracil Is Dependent on EBV Thymidine Kinase. Antimicrobial Agents and Chemotherapy, 2000, 44, 3278-3284.	1.4	17
92	Stereoselective Synthesis of Carbocyclic l-4â€˜-Fluoro-2â€˜,3â€˜-dideoxyadenosine. Organic Letters, 2000, 2, 1229-1231.	2.4	24
93	Structureâ^'Activity Relationships of (E)-5-(2-Bromovinyl)uracil and Related Pyrimidine Nucleosides as Antiviral Agents for Herpes Viruses. Journal of Medicinal Chemistry, 2000, 43, 2538-2546.	2.9	43
94	New Classes of Fluorinated L-Nucleosides; Synthesis and Antiviral Activity. Nucleosides & Nucleotides, 1999, 18, 537-540.	0.5	23
95	A Practical Synthesis of L-FMAU from L-Arabinose. Nucleosides & Nucleotides, 1999, 18, 187-195.	0.5	43
96	Structureâ^'Activity Relationships of l-Dioxolane Uracil Nucleosides as Anti-Epstein Barr Virus Agents. Journal of Medicinal Chemistry, 1999, 42, 2212-2217.	2.9	30
97	L-Nucleoside Analogues as Potential Antimalarials That Selectively TargetPlasmodium FalclparumAdenosine Deaminase. Nucleosides & Nucleotides, 1999, 18, 2521-2532.	0.5	15
98	Synthesis and Anti-HIV and Anti-HBV Activities of 2â€˜-Fluoro-2â€˜,3â€˜-unsaturated l-Nucleosides. Journal of Medicinal Chemistry, 1999, 42, 1320-1328.	2.9	71
99	Current status of anti-HBV chemotherapy. Archives of Pharmacal Research, 1998, 21, 89-105.	2.7	25
100	Synthesis and biological activity of 5-hydroxy-4-quinolones and 5-methoxy-4-quinolones as truncated acridones. Archives of Pharmacal Research, 1998, 21, 445-451.	2.7	1
101	Enantiomeric synthesis of 3â€²-fluoro-apionucleosides using Claisen rearrangement. Tetrahedron Letters, 1998, 39, 3443-3446.	0.7	42
102	Synthesis and anti-HIV activity of l-2â€²-fluoro-2â€²,3â€²-unsaturated purine nucleosides. Tetrahedron Letters, 1998, 39, 4437-4440.	0.7	25