Kwang-Su Park

List of Publications by Year
in descending order

44 papers	1,464 citations	394421 19 h-index	330143 37 g-index
46 all docs	46 docs citations	46 times ranked	1659 citing authors

#	Article	IF	Citations
1	A NSD3-targeted PROTAC suppresses NSD3 and cMyc oncogenic nodes in cancer cells. Cell Chemical Biology, 2022, 29, 386-397.e9.	5.2	30
2	Discovery of Potent, Selective, and In Vivo Efficacious AKT Kinase Protein Degraders via Structureâ€“Activity Relationship Studies. Journal of Medicinal Chemistry, 2022, 65, 3644-3666.	6.4	20
3	EZH2 noncanonically binds cMyc and p300 through a cryptic transactivation domain to mediate gene activation and promote oncogenesis. Nature Cell Biology, 2022, 24, 384-399.	10.3	88
4	Targeting Triple-Negative Breast Cancer by a Novel Proteolysis Targeting Chimera Degrader of Enhancer of Zeste Homolog 2. ACS Pharmacology and Translational Science, 2022, 5, 491-507.	4.9	21
5	Discovery of the First-in-Class G9a/GLP Covalent Inhibitors. Journal of Medicinal Chemistry, 2022, 65, 10506-10522.	6.4	16
6	A First-in-Class, Highly Selective and Cell-Active Allosteric Inhibitor of Protein Arginine Methyltransferase 6. Journal of Medicinal Chemistry, 2021, 64, 3697-3706.	6.4	15
7	Structure-Based Design, Docking and Binding Free Energy Calculations of A366 Derivatives as Spindlin1 Inhibitors. International Journal of Molecular Sciences, 2021, 22, 5910.	4.1	5
8	Advancing targeted protein degradation for cancer therapy. Nature Reviews Cancer, 2021, 21, 638-654.	28.4	251
9	Harnessing the E3 Ligase KEAP1 for Targeted Protein Degradation. Journal of the American Chemical Society, 2021, 143, 15073-15083.	13.7	66
10	A selective WDR5 degrader inhibits acute myeloid leukemia in patient-derived mouse models. Science Translational Medicine, 2021, 13, eabj1578.	12.4	67
11	Discovery of a first-in-class EZH2 selective degrader. Nature Chemical Biology, 2020, 16, 214-222.	8.0	148
12	Discovery of a First-in-Class Protein Arginine Methyltransferase 6 (PRMT6) Covalent Inhibitor. Journal of Medicinal Chemistry, 2020, 63, 5477-5487.	6.4	24
13	Discovery of a Potent and Selective Fragment-like Inhibitor of Methyllysine Reader Protein Spindlin 1 (SPIN1). Journal of Medicinal Chemistry, 2019, 62, 8996-9007.	6.4	20
14	Structural Basis for the Enantioselectivity of Esterase Est-Y29 toward (S)-Ketoprofen. ACS Catalysis, 2019, 9, 755-767.	11.2	14
15	Structural Modification of (â^')-Epigallocatechin Gallate (EGCG) Shows Significant Enhancement in Mitochondrial Biogenesis. Journal of Agricultural and Food Chemistry, 2018, 66, 3850-3859.	5.2	15
16	Epigallocatechinâ€3â€gallate (<scp>EGCG</scp>) Serves as a Novel Scaffold for Designing an Inhibitor of Plasminogen Activator Inhibitorâ€1 (<scp>PAI</scp>â€1). Bulletin of the Korean Chemical Society, 2017, 38, 964-967.	1.9	0
17	A Difluoroboron Î²-Diketonate Probe Shows â€œTurn-onâ€•Near-Infrared Fluorescence Specific for Tau Fibrils. ACS Chemical Neuroscience, 2017, 8, 2124-2131.	3.5	41
18	A Novel Probe with a Chlorinated Î±-Cyanoacetophenone Acceptor Moiety Shows Near-Infrared Fluorescence Specific for Tau Fibrils. Chemical and Pharmaceutical Bulletin, 2017, 65, 1113-1116.	1.3	5

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19	Quercetin 7â€Oâ€Glutamate Potentiates Staphylococcus aureus to Fluoroquinolone Antibiotics. Bulletin of the Korean Chemical Society, 2016, 37, 1515-1517.	1.9	2
20	Quercetin 7-O-glutamate sensitizes Escherichia coli to vancomycin. Applied Biological Chemistry, 2016, 59, 755-758.	1.9	2
21	Quercetin 7â€Oâ€Glutamate Sensitizes P. aeruginosa to Î²â€Lactams and Vancomycin. Bulletin of the Korean Chemical Society, 2016, 37, 2025-2028.	1.9	3
22	A Smart Near-Infrared Fluorescence Probe for Selective Detection of Tau Fibrils in Alzheimerâ€™s Disease. ACS Chemical Neuroscience, 2016, 7, 1474-1481.	3.5	40
23	Bioinorganic Nanohybrid Catalyst for Multistep Synthesis of Acetaminophen, an Analgesic. ACS Applied Materials & Interfaces, 2016, 8, 30058-30065.	8.0	16
24	Myricetin: biological activity related to human health. Applied Biological Chemistry, 2016, 59, 259-269.	1.9	77
25	Synthesis and biological evaluation of flavonol-glucose conjugates for cosmeceutical development. Journal of the Korean Society for Applied Biological Chemistry, 2015, 58, 317-323.	0.9	2
26	Dicyanovinyl-substituted J147 analogue inhibits oligomerization and fibrillation of Î²-amyloid peptides and protects neuronal cells from Î²-amyloid-induced cytotoxicity. Organic and Biomolecular Chemistry, 2015, 13, 9564-9569.	2.8	8
27	A curcumin-based molecular probe for near-infrared fluorescence imaging of tau fibrils in Alzheimer's disease. Organic and Biomolecular Chemistry, 2015, 13, 11194-11199.	2.8	44
28	Benzimidazole Derivatives as Potent JAK1-Selective Inhibitors. Journal of Medicinal Chemistry, 2015, 58, 7596-7602.	6.4	53
29	Quercetinâ€“POM (pivaloxymethyl) conjugates: Modulatory activity for P-glycoprotein-based multidrug resistance. Phytomedicine, 2015, 22, 778-785.	5.3	16
30	Metabolic engineering of Escherichia coli for the biosynthesis of flavonoid-O-glucuronides and flavonoid-O-galactoside. Applied Microbiology and Biotechnology, 2015, 99, 2233-2242.	3.6	52
31	Structural and functional characterization of an Isd-type haem-degradation enzyme from Listeria monocytogenes. Acta Crystallographica Section D: Biological Crystallography, 2014, 70, 615-626.	2.5	32
32	Quercetinâ€“POC conjugates: Differential stability and bioactivity profiles between breast cancer (MCF-7) and colorectal carcinoma (HCT116) cell lines. Bioorganic and Medicinal Chemistry, 2013, 21, 1671-1679.	3.0	15
33	Remarkable Stability and Cytostatic Effect of a Quercetin Conjugate, 3,7â€Bisâ€Oâ€Pivaloxymethyl (POM) Quercetin. ChemMedChem, 2012, 7, 229-232.	3.2	10
34	2-Arylmethylaminomethyl-5,6-dihydroxychromone derivatives with selective anti-HCV activity. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 3202-3205.	2.2	10
35	Enhanced Stability and Intracellular Accumulation of Quercetin by Protection of the Chemically or Metabolically Susceptible Hydroxyl Groups with a Pivaloxymethyl (POM) Promoiety. Journal of Medicinal Chemistry, 2010, 53, 8597-8607.	6.4	53
36	Facilitation of polymerase chain reaction with thermostable inorganic pyrophosphatase from hyperthermophilic archaeon Pyrococcus horikoshii. Applied Microbiology and Biotechnology, 2010, 85, 807-812.	3.6	19

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37	Synthesis and anti-hepatitis C virus (HCV) activity of 3â€²-C-substituted-methyl pyrimidine and purine nucleosides. Bioorganic and Medicinal Chemistry, 2010, 18, 4812-4820.	3.0	3
38	3-O-Arylmethylgalangin, a novel isostere for anti-HCV 1,3-diketoacids (DKAs). Bioorganic and Medicinal Chemistry, 2010, 18, 7331-7337.	3.0	7
39	7-O-Arylmethylgalangin as a novel scaffold for anti-HCV agents. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 5709-5712.	2.2	13
40	5-Hydroxychromone, An Alternative Scaffold for Anti-HCV 1,3-Diketo Acid (DKA). Bulletin of the Korean Chemical Society, 2010, 31, 3471-3474.	1.9	7
41	Design of Human FIH-1 Inhibitors through Virtual Screening. Bulletin of the Korean Chemical Society, 2010, 31, 1407-1410.	1.9	2
42	In vitro solubility, stability and permeability of novel quercetinâ€“amino acid conjugates. Bioorganic and Medicinal Chemistry, 2009, 17, 1164-1171.	3.0	112
43	Effects of the aryl linker and the aromatic substituent on the anti-HCV activities of aryl diketoacid (ADK) analogues. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4661-4665.	2.2	16
44	Octanol-Accelerated Baylis-Hillman Reaction. Synlett, 2007, 2007, 0395-0398.	1.8	3