

Kwang-Su Park

List of Publications by Year in descending order

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44
papers

1,464
citations

394421

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all docs

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docs citations

46
times ranked

1659
citing authors

#	ARTICLE	IF	CITATIONS
1	Advancing targeted protein degradation for cancer therapy. <i>Nature Reviews Cancer</i> , 2021, 21, 638-654.	28.4	251
2	Discovery of a first-in-class EZH2 selective degrader. <i>Nature Chemical Biology</i> , 2020, 16, 214-222.	8.0	148
3	In vitro solubility, stability and permeability of novel quercetin- α -amino acid conjugates. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 1164-1171.	3.0	112
4	EZH2 noncanonically binds cMyc and p300 through a cryptic transactivation domain to mediate gene activation and promote oncogenesis. <i>Nature Cell Biology</i> , 2022, 24, 384-399.	10.3	88
5	Myricetin: biological activity related to human health. <i>Applied Biological Chemistry</i> , 2016, 59, 259-269.	1.9	77
6	A selective WDR5 degrader inhibits acute myeloid leukemia in patient-derived mouse models. <i>Science Translational Medicine</i> , 2021, 13, eabj1578.	12.4	67
7	Harnessing the E3 Ligase KEAP1 for Targeted Protein Degradation. <i>Journal of the American Chemical Society</i> , 2021, 143, 15073-15083.	13.7	66
8	Enhanced Stability and Intracellular Accumulation of Quercetin by Protection of the Chemically or Metabolically Susceptible Hydroxyl Groups with a Pivaloxymethyl (POM) Promoiety. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 8597-8607.	6.4	53
9	Benzimidazole Derivatives as Potent JAK1-Selective Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 7596-7602.	6.4	53
10	Metabolic engineering of <i>Escherichia coli</i> for the biosynthesis of flavonoid-O-glucuronides and flavonoid-O-galactoside. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 2233-2242.	3.6	52
11	A curcumin-based molecular probe for near-infrared fluorescence imaging of tau fibrils in Alzheimer's disease. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 11194-11199.	2.8	44
12	A Difluoroboron β -Diketone Probe Shows α -Turn-on Near-Infrared Fluorescence Specific for Tau Fibrils. <i>ACS Chemical Neuroscience</i> , 2017, 8, 2124-2131.	3.5	41
13	A Smart Near-Infrared Fluorescence Probe for Selective Detection of Tau Fibrils in Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2016, 7, 1474-1481.	3.5	40
14	Structural and functional characterization of an Isd-type haem-degradation enzyme from <i>Listeria monocytogenes</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 615-626.	2.5	32
15	A NSD3-targeted PROTAC suppresses NSD3 and cMyc oncogenic nodes in cancer cells. <i>Cell Chemical Biology</i> , 2022, 29, 386-397.e9.	5.2	30
16	Discovery of a First-in-Class Protein Arginine Methyltransferase 6 (PRMT6) Covalent Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 5477-5487.	6.4	24
17	Targeting Triple-Negative Breast Cancer by a Novel Proteolysis Targeting Chimera Degradable Enhancer of Zeste Homolog 2. <i>ACS Pharmacology and Translational Science</i> , 2022, 5, 491-507.	4.9	21
18	Discovery of a Potent and Selective Fragment-like Inhibitor of Methyllysine Reader Protein Spindlin 1 (SPIN1). <i>Journal of Medicinal Chemistry</i> , 2019, 62, 8996-9007.	6.4	20

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19	Discovery of Potent, Selective, and In Vivo Efficacious AKT Kinase Protein Degradors via Structure-Activity Relationship Studies. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 3644-3666.	6.4	20
20	Facilitation of polymerase chain reaction with thermostable inorganic pyrophosphatase from hyperthermophilic archaeon <i>Pyrococcus horikoshii</i> . <i>Applied Microbiology and Biotechnology</i> , 2010, 85, 807-812.	3.6	19
21	Effects of the aryl linker and the aromatic substituent on the anti-HCV activities of aryl diketoacid (ADK) analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 4661-4665.	2.2	16
22	Quercetin-POM (pivaloxymethyl) conjugates: Modulatory activity for P-glycoprotein-based multidrug resistance. <i>Phytomedicine</i> , 2015, 22, 778-785.	5.3	16
23	Bioinorganic Nanohybrid Catalyst for Multistep Synthesis of Acetaminophen, an Analgesic. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 30058-30065.	8.0	16
24	Discovery of the First-in-Class G9a/GLP Covalent Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 10506-10522.	6.4	16
25	Quercetin-POC conjugates: Differential stability and bioactivity profiles between breast cancer (MCF-7) and colorectal carcinoma (HCT116) cell lines. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 1671-1679.	3.0	15
26	Structural Modification of (âˆ’)-Epigallocatechin Gallate (EGCG) Shows Significant Enhancement in Mitochondrial Biogenesis. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3850-3859.	5.2	15
27	A First-in-Class, Highly Selective and Cell-Active Allosteric Inhibitor of Protein Arginine Methyltransferase 6. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 3697-3706.	6.4	15
28	Structural Basis for the Enantioselectivity of Esterase Est-Y29 toward (<i>S</i>)-Ketoprofen. <i>ACS Catalysis</i> , 2019, 9, 755-767.	11.2	14
29	7-O-Arylmethylgalangin as a novel scaffold for anti-HCV agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 5709-5712.	2.2	13
30	2-Arylmethylaminomethyl-5,6-dihydroxychromone derivatives with selective anti-HCV activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 3202-3205.	2.2	10
31	Remarkable Stability and Cytostatic Effect of a Quercetin Conjugate, 3,7-Bis-O-Pivaloxymethyl (POM) Quercetin. <i>ChemMedChem</i> , 2012, 7, 229-232.	3.2	10
32	Dicyanovinyl-substituted J147 analogue inhibits oligomerization and fibrillation of Î²-amyloid peptides and protects neuronal cells from Î²-amyloid-induced cytotoxicity. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 9564-9569.	2.8	8
33	3-O-Arylmethylgalangin, a novel isostere for anti-HCV 1,3-diketoacids (DKAs). <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 7331-7337.	3.0	7
34	5-Hydroxychromone, An Alternative Scaffold for Anti-HCV 1,3-Diketo Acid (DKA). <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 3471-3474.	1.9	7
35	A Novel Probe with a Chlorinated Î±-Cyanoacetophenone Acceptor Moiety Shows Near-Infrared Fluorescence Specific for Tau Fibrils. <i>Chemical and Pharmaceutical Bulletin</i> , 2017, 65, 1113-1116.	1.3	5
36	Structure-Based Design, Docking and Binding Free Energy Calculations of A366 Derivatives as Spindlin1 Inhibitors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5910.	4.1	5

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37	Octanol-Accelerated Baylis-Hillman Reaction. <i>Synlett</i> , 2007, 2007, 0395-0398.	1.8	3
38	Synthesis and anti-hepatitis C virus (HCV) activity of 3- ² -C-substituted-methyl pyrimidine and purine nucleosides. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 4812-4820.	3.0	3
39	Quercetin 7-O-glutamate Sensitizes <i>P. aeruginosa</i> to β -Lactams and Vancomycin. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 2025-2028.	1.9	3
40	Synthesis and biological evaluation of flavonol-glucose conjugates for cosmeceutical development. <i>Journal of the Korean Society for Applied Biological Chemistry</i> , 2015, 58, 317-323.	0.9	2
41	Quercetin 7-O-glutamate Potentiates <i>Staphylococcus aureus</i> to Fluoroquinolone Antibiotics. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 1515-1517.	1.9	2
42	Quercetin 7-O-glutamate sensitizes <i>Escherichia coli</i> to vancomycin. <i>Applied Biological Chemistry</i> , 2016, 59, 755-758.	1.9	2
43	Design of Human FIH-1 Inhibitors through Virtual Screening. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 1407-1410.	1.9	2
44	Epigallocatechin-3-gallate (EGCG) Serves as a Novel Scaffold for Designing an Inhibitor of Plasminogen Activator Inhibitor-1 (PAI-1). <i>Bulletin of the Korean Chemical Society</i> , 2017, 38, 964-967.	1.9	0