

# Hwayoung Yun

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

1,522  
citations

393982

19  
h-index

344852

36  
g-index

73  
all docs

73  
docs citations

73  
times ranked

2514  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | RKIP Induction Promotes Tumor Differentiation via SOX2 Degradation in NF2-Deficient Conditions. <i>Molecular Cancer Research</i> , 2022, 20, 412-424.  | 1.5 | 4         |
| 2  | Aryl hydrocarbon receptor-targeted therapy for CD4+ T cell-mediated idiopathic pneumonia syndrome in mice. <i>Blood</i> , 2022, 139, 3325-3339.  | 0.6 | 6         |
| 3  | A bioisosteric approach to the discovery of novel N-aryl-N <sup>2</sup> -[4-(aryloxy)cyclohexyl]squaramide-based activators of eukaryotic initiation factor 2 alpha (eIF2 $\alpha$ ) phosphorylation. <i>European Journal of Medicinal Chemistry</i> , 2022, 239, 114501.  | 2.6 | 1         |
| 4  | A Novel Class of Potent Anti-Tyrosinase Compounds with Antioxidant Activity, 2-(Substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 1375.  | 2.2 | 3         |
| 5  | Discovery and SAR studies of 3-amino-4-(phenylsulfonyl)tetrahydrothiophene 1,1-dioxides as non-electrophilic antioxidant response element (ARE) activators. <i>Bioorganic Chemistry</i> , 2021, 108, 104614.   | 2.0 | 5         |
| 6  | A New Julia-Kocienski Reagent for Convenient Access to the 2-Naphthylmethyl Vinyl Ethers. <i>Organic Preparations and Procedures International</i> , 2021, 53, 200-205.  | 0.6 | 2         |
| 7  | Recent advances in development of hetero-bivalent kinase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2021, 216, 113318.   | 2.6 | 15        |
| 8  | Switchable CAR-T Cells Outperformed Traditional Antibody-Redirected Therapeutics Targeting Breast Cancers. <i>ACS Synthetic Biology</i> , 2021, 10, 1176-1183.   | 1.9 | 15        |
| 9  | Assessment of Metabolic Interaction between Repaglinide and Quercetin via Mixed Inhibition in the Liver: In Vitro and In Vivo. <i>Pharmaceutics</i> , 2021, 13, 782.   | 2.0 | 8         |
| 10 | Discovery and optimization of novel 3-benzyl-N-phenyl-1H-pyrazole-5-carboxamides as bifunctional antidiabetic agents stimulating both insulin secretion and glucose uptake. <i>European Journal of Medicinal Chemistry</i> , 2021, 217, 113325.  | 2.6 | 12        |
| 11 | Estrogenic activity of ethyl gallate and its potential use in hormone replacement therapy. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 40, 127919.   | 1.0 | 6         |
| 12 | Tumor-Penetrable Nitric Oxide-Releasing Nanoparticles Potentiate Local Antimelanoma Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 30383-30396.  | 4.0 | 13        |
| 13 | A PSMA-targeted bispecific antibody for prostate cancer driven by a small-molecule targeting ligand. <i>Science Advances</i> , 2021, 7, .  | 4.7 | 20        |
| 14 | Novel Anti-Melanogenic Compounds, (Z)-5-(Substituted Benzylidene)-4-thioxothiazolidin-2-one Derivatives: In Vitro and In Silico Insights. <i>Molecules</i> , 2021, 26, 4963.   | 1.7 | 6         |
| 15 | Exfoliated bentonite/alginate nanocomposite hydrogel enhances intestinal delivery of probiotics by resistance to gastric pH and on-demand disintegration. <i>Carbohydrate Polymers</i> , 2021, 272, 118462.  | 5.1 | 44        |
| 16 | A sensitive HPLC-FLD method for the quantification of apelisib, a novel phosphatidylinositol 3-kinase inhibitor, in rat plasma: Drug metabolism and pharmacokinetic evaluation in vitro and in vivo. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1163, 122508. | 1.2 | 11        |
| 17 | A molecular design towards sulfonyl aza-BODIPY based NIR fluorescent and colorimetric probe for selective cysteine detection. <i>RSC Advances</i> , 2021, 11, 10154-10158.   | 1.7 | 12        |
| 18 | Role of Neutrophils in the Pathogenesis of Nonalcoholic Steatohepatitis. <i>Frontiers in Endocrinology</i> , 2021, 12, 751802.   | 1.5 | 32        |

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|----|---|------|-----------|
| 19 | Macrosphelide A Exhibits a Specific Anti-Cancer Effect by Simultaneously Inactivating ENO1, ALDOA, and FH. <i>Pharmaceutics</i> , 2021, 14, 1060.   | 1.7  | 2         |
| 20 | Electrophilic Chemistry of Tranilast Is Involved in Its Anti-Colitic Activity via Nrf2-HO-1 Pathway Activation. <i>Pharmaceutics</i> , 2021, 14, 1092.  | 1.7  | 3         |
| 21 | Pharmacokinetic Evaluation of Metabolic Drug Interactions between Repaglinide and Celecoxib by a Bioanalytical HPLC Method for Their Simultaneous Determination with Fluorescence Detection. <i>Pharmaceutics</i> , 2019, 11, 382.  | 2.0  | 14        |
| 22 | Total Synthesis of Anmindenol A and Its Application to the Design, Synthesis, and Biological Evaluation of Derivatives Thereof. <i>Journal of Organic Chemistry</i> , 2019, 84, 10953-10961.  | 1.7  | 11        |
| 23 | SAR optimization studies on a novel series of 2-anilinopyrimidines as selective inhibitors against triple-negative breast cancer cell line MDA-MB-468. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 126752.  | 1.0  | 5         |
| 24 | Divergent Synthetic Route to Oxidized Benzofulvene Sesquiterpenoids: Protecting a Free Total Synthesis of Nicotianasesterpenes A, B, and a Polygonum Sesquiterpenoid. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6714-6719.   | 1.2  | 4         |
| 25 | Asymmetric and Reduced Xanthene Fluorophores: Synthesis, Photochemical Properties, and Application to Activatable Fluorescent Probes for Detection of Nitroreductase. <i>Molecules</i> , 2019, 24, 3206.  | 1.7  | 13        |
| 26 | A novel high-performance liquid chromatographic method combined with fluorescence detection for determination of ertugliflozin in rat plasma: Assessment of pharmacokinetic drug interaction potential of ertugliflozin with mefenamic acid and ketoconazole. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1122-1123, 49-57. | 1.2  | 7         |
| 27 | Discovery and SAR studies of novel 2-anilinopyrimidine-based selective inhibitors against triple-negative breast cancer cell line MDA-MB-468. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 62-65.  | 1.0  | 11        |
| 28 | Dual effects of isoflavonoids from <i>Pueraria lobata</i> roots on estrogenic activity and anti-proliferation of MCF-7 human breast carcinoma cells. <i>Bioorganic Chemistry</i> , 2019, 83, 135-144.   | 2.0  | 34        |
| 29 | Beneficial effects of <i>Cirsium japonicum</i> var. <i>maackii</i> on menopausal symptoms in ovariectomized rats. <i>Food and Function</i> , 2018, 9, 2480-2489.  | 2.1  | 13        |
| 30 | Stereoselective Synthesis of 1,4,5-Tri- <i>cis</i> -guaiane Sesquiterpene: First Total Synthesis of (âˆ™)-Dendroside C Aglycon. <i>Organic Letters</i> , 2018, 20, 586-589.   | 2.4  | 6         |
| 31 | An Improved C-Deglycosylation of Mangiferin to Norathyriol. <i>Organic Preparations and Procedures International</i> , 2018, 50, 91-94.   | 0.6  | 0         |
| 32 | Asymmetric Total Synthesis of (+)-(3 <i>E</i> )-Pinnatifidenyne via Abnormally Regioselective Pd(0)-Catalyzed Endocyclization. <i>Journal of Organic Chemistry</i> , 2018, 83, 1997-2005.   | 1.7  | 7         |
| 33 | Total synthesis of (+)-brasilenyne via concise construction of an oxonane framework containing a 1,3- <i>cis</i> -, <i>cis</i> -diene. <i>Chemical Communications</i> , 2018, 54, 467-470.  | 2.2  | 7         |
| 34 | Multiple Combination of <i>Angelica gigas</i> Extract and Mesenchymal Stem Cells Enhances Therapeutic Effect. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 1748-1756.  | 0.6  | 6         |
| 35 | Recent Advances in Synthesis of 4-Arylcoumarins. <i>Molecules</i> , 2018, 23, 2417.   | 1.7  | 28        |
| 36 | A metabolite-derived protein modification integrates glycolysis with KEAP1â€™NRF2 signalling. <i>Nature</i> , 2018, 562, 600-604.   | 13.7 | 201       |

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|----|--|-----|-----------|
| 37 | Salvia miltiorrhiza enhances the survival of mesenchymal stem cells under ischemic conditions. Journal of Pharmacy and Pharmacology, 2018, 70, 1228-1241.  | 1.2 | 19        |
| 38 | Concise and Efficient Synthesis of 3,7-Dioxo-5 $\beta$ -cholanic Acid via C3,C7-Selective Ketal Protection. Organic Preparations and Procedures International, 2017, 49, 163-168.                      | 0.6 | 2         |
| 39 | Asymmetric Total Synthesis of (+)-Intricenyne via an Endocyclization Route to Oxocane Skeleton. Organic Letters, 2017, 19, 6642-6645.  | 2.4 | 5         |
| 40 | Inhibition of acute lethal pulmonary inflammation by the IDO $\rightarrow$ AhR pathway. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5881-E5890.       | 3.3 | 58        |
| 41 | Recent Advances in Substrate-Controlled Asymmetric Cyclization for Natural Product Synthesis. Molecules, 2017, 22, 1069.   | 1.7 | 1         |
| 42 | Recent Advances in Substrate-Controlled Asymmetric Induction Derived from Chiral Pool $\beta$ -Amino Acids for Natural Product Synthesis. Molecules, 2016, 21, 951.                                    | 1.7 | 42        |
| 43 | Design of Switchable Chimeric Antigen Receptor T Cells Targeting Breast Cancer. Angewandte Chemie - International Edition, 2016, 55, 7520-7524.  | 7.2 | 92        |
| 44 | A Practical and Eco-friendly Synthesis of <i>Oxobile</i> Acids. Organic Preparations and Procedures International, 2016, 48, 55-61.  | 0.6 | 3         |
| 45 | Divergent synthetic route to new cyclopenta[c]pyran iridoids: syntheses of jatamanin A, F, G and J, gastrolactone and nepetalactone. Organic and Biomolecular Chemistry, 2016, 14, 1244-1251.          | 1.5 | 13        |
| 46 | Synthesis and Synthesis-Based Structural Elucidation of ( $\beta'$ )-Macrosphelides J and K. Heterocycles, 2015, 91, 970.  | 0.4 | 1         |
| 47 | Redirection of Genetically Engineered CAR-T Cells Using Bifunctional Small Molecules. Journal of the American Chemical Society, 2015, 137, 2832-2835.  | 6.6 | 141       |
| 48 | A Small Molecule Inhibits Deregulated NRF2 Transcriptional Activity in Cancer. ACS Chemical Biology, 2015, 10, 2193-2198.  | 1.6 | 72        |
| 49 | Glucal-conjugated sterols as novel vascular leakage blocker: Structure $\rightarrow$ activity relationship focusing on the C17-side chain. European Journal of Medicinal Chemistry, 2014, 75, 184-194. | 2.6 | 3         |
| 50 | Identification and Validation of Cryptochrome Inhibitors That Modulate the Molecular Circadian Clock. ACS Chemical Biology, 2014, 9, 703-710.  | 1.6 | 59        |
| 51 | Correction to Identification and Validation of Cryptochrome Inhibitors That Modulate the Molecular Circadian Clock. ACS Chemical Biology, 2014, 9, 1213-1213.  | 1.6 | 1         |
| 52 | Design and synthesis of a macrosphelide A-biotin chimera. Organic and Biomolecular Chemistry, 2014, 12, 7127.  | 1.5 | 6         |
| 53 | Stereoselective Synthesis of 7- <i>epi</i> -Incarvilline. Organic Letters, 2013, 15, 531-533.  | 2.4 | 6         |
| 54 | Synthesis of 5,6-dihydrophenanthridines via N,O-acetal TMS ethers. Tetrahedron Letters, 2013, 54, 5167-5171.   | 0.7 | 14        |

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|----|---|-----|-----------|
| 55 | Bispecific small molecule-antibody conjugate targeting prostate cancer. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17796-17801.  | 3.3 | 80        |
| 56 | Heterocycle-linked Phenylbenzyl Amides as Novel TRPV1 Antagonists and Their TRPV1 Binding Modes: Constraint-Induced Enhancement of In Vitro and In Vivo Activities. Chemistry - an Asian Journal, 2013, 8, 400-409.     | 1.7 | 6         |
| 57 | Design, Synthesis, and Biological Evaluation of Novel Deguelin-Based Heat Shock Protein 90 (HSP90) Inhibitors Targeting Proliferation and Angiogenesis. Journal of Medicinal Chemistry, 2012, 55, 10863-10884.          | 2.9 | 92        |
| 58 | A stereo-controlled access to functionalized macrolactams via an aza-Claisen rearrangement. Organic and Biomolecular Chemistry, 2012, 10, 561-568.  | 1.5 | 19        |
| 59 | Achiral auxiliary-assisted chiral transfer via microwave-accelerated aza-Claisen rearrangement: a short synthesis of (+)-1-hydroxyquinolizidinone. Tetrahedron Letters, 2012, 53, 4813-4815.                            | 0.7 | 9         |
| 60 | Asymmetric Syntheses of 1-Deoxy-6,8a-di-epi-castanospermine and 1-Deoxy-6-epi-castanospermine. Journal of Organic Chemistry, 2012, 77, 5389-5393.   | 1.7 | 25        |
| 61 | Ligand-Based Design, Synthesis, and Biological Evaluation of 2-Aminopyrimidines, a Novel Series of Receptor for Advanced Glycation End Products (RAGE) Inhibitors. Journal of Medicinal Chemistry, 2012, 55, 9120-9135. | 2.9 | 52        |
| 62 | Enantioselective Total Synthesis of a Natural Iridoid. Organic Letters, 2011, 13, 3344-3347.  | 2.4 | 33        |
| 63 | Expedient Synthesis of Chiral Homoallylamines via N,O-Acetal TMS Ethers and Its Application. Organic Letters, 2011, 13, 5920-5923.  | 2.4 | 10        |
| 64 | A versatile synthetic approach to grandisol monoterpene pheromone. Archives of Pharmacal Research, 2011, 34, 1437-1442.   | 2.7 | 11        |
| 65 | Concise and Enantioselective Total Synthesis of 15-Deoxy- $\Delta^{12,14}$ -Prostaglandin J <sub>2</sub> . Journal of Organic Chemistry, 2010, 75, 7458-7460.   | 1.7 | 28        |
| 66 | Concise Syntheses of (+)-Macrosphelides A and B: Studies on the Macro-Ring Closure Strategy. Journal of Organic Chemistry, 2009, 74, 554-561.   | 1.7 | 21        |
| 67 | First total syntheses of (âˆ“)macrosphelides J and K and elucidation of their absolute configuration. Chemical Communications, 2009, , 2463.  | 2.2 | 10        |