

Young-Dae Gong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6206499/publications.pdf>

Version: 2024-02-01

120
papers

2,038
citations

236612

25
h-index

315357

38
g-index

122
all docs

122
docs citations

122
times ranked

1928
citing authors

#	ARTICLE	IF	CITATIONS
1	Regioselective Synthesis of 2-Amino-Substituted 1,3,4-Oxadiazole and 1,3,4-Thiadiazole Derivatives via Reagent-Based Cyclization of Thiosemicarbazide Intermediate. <i>Journal of Organic Chemistry</i> , 2013, 78, 438-444.	1.7	94
2	Synthesis, hypoglycemic and hypolipidemic activities of novel thiazolidinedione derivatives containing thiazole/triazole/oxadiazole ring. <i>European Journal of Medicinal Chemistry</i> , 2012, 53, 308-315.	2.6	80
3	Solid-Phase Synthesis of 1,3,4-Oxadiazole and 1,3,4-Thiadiazole Derivatives via Selective, Reagent-Based Cyclization of Acyldithiocarbamate Resins. <i>ACS Combinatorial Science</i> , 2005, 7, 816-819.	3.3	73
4	Solid-Phase Synthesis:â€‰ Intramolecular Azomethine Ylide Cycloaddition (â†Proline) and Carbanilide Cyclization (â†Hydantoin) Reactions. <i>Journal of Organic Chemistry</i> , 1998, 63, 3081-3086.	1.7	66
5	Solid phase synthesis of biphenyltetrazole derivatives. <i>Tetrahedron Letters</i> , 1997, 38, 1203-1206.	0.7	56
6	Microwave-Mediated Intramolecular Carbanilide Cyclization to Hydantoins Employing Barium Hydroxide Catalysis. <i>Journal of Organic Chemistry</i> , 1998, 63, 4854-4856.	1.7	55
7	Combinatorial Syntheses of Five-Membered Ring Heterocycles Using Carbon Disulfide and a Solid Support. <i>ACS Combinatorial Science</i> , 2010, 12, 393-409.	3.3	54
8	Transglutaminase 2 inhibition found to induce p53 mediated apoptosis in renal cell carcinoma. <i>FASEB Journal</i> , 2013, 27, 3487-3495.	0.2	52
9	Solid-Phase Synthesis of 5-Amino-1-(Substituted Thiocarbamoyl)pyrazole and 1,2,4-Triazole Derivatives via Dithiocarbamate Linker. <i>ACS Combinatorial Science</i> , 2005, 7, 136-141.	3.3	44
10	Identification of 2,3,6-trisubstituted quinoxaline derivatives as a Wnt2/Î²-catenin pathway inhibitor in non-small-cell lung cancer cell lines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 5900-5904.	1.0	44
11	Anti-cancer effect of a quinoxaline derivative GK13 as a transglutaminase 2 inhibitor. <i>Journal of Cancer Research and Clinical Oncology</i> , 2013, 139, 1279-1294.	1.2	44
12	Solid-Phase Synthesis of Thiazolo[4,5-b]pyridine Derivatives Using FriedlÃnder Reaction. <i>ACS Combinatorial Science</i> , 2010, 12, 95-99.	3.3	42
13	Copper-catalyzed synthesis of 3-substituted-5-amino-1,2,4-thiadiazoles via intramolecular Nâ€S bond formation. <i>Tetrahedron</i> , 2014, 70, 8737-8743.	1.0	38
14	Traceless Solid-Phase Synthesis of 2,4,6-Trisubstituted Thiazolo[4,5- <i>d</i>]pyrimidine-5,7-dione Derivatives. <i>ACS Combinatorial Science</i> , 2009, 11, 495-499.	3.3	37
15	Synthesis and anticancer activity of new 1-[(5 or 6-substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 Td (2-alkoxyquinoxaline) Derivatives. <i>Journal of Organic Chemistry</i> , 2010, 18, 7966-7974.	1.4	37
16	Construction of 6-Amino-2,2-Dimethyl-3,4,6-Trisubstituted-2H-1-Benzopyran Library by Solid Phase Synthesis. <i>ACS Combinatorial Science</i> , 2003, 5, 577-589.	3.3	36
17	Solution-phase parallel synthesis of new 2H-pyrimido-[4,5- <i>e</i>][1,2,4]triazin-3-ylidenecyanamides. <i>Tetrahedron Letters</i> , 2004, 45, 9319-9322.	0.7	35
18	Solid-Phase Synthesis of Tetrahydro-1,4-benzodiazepine-2-one Derivatives as a Î²-Turn Peptidomimetic Library. <i>ACS Combinatorial Science</i> , 2004, 6, 207-213.	3.3	35

#	ARTICLE	IF	CITATIONS
19	Solid-Phase Synthesis of the 2-Aminobenzoxazole Library Using Thioether Linkage as the Safety-Catch Linker. <i>ACS Combinatorial Science</i> , 2006, 8, 297-303.	3.3	34
20	Solid-phase synthesis of [1,2,4]triazolo[3,4-a]phthalazine and tetrazolo[5,1-a]phthalazine derivatives. <i>Tetrahedron Letters</i> , 2005, 46, 3107-3110.	0.7	33
21	Transglutaminase 2 inhibitor abrogates renal cell carcinoma in xenograft models. <i>Journal of Cancer Research and Clinical Oncology</i> , 2014, 140, 757-767.	1.2	33
22	Recent developments in pyrazine functionalized π -conjugated materials for optoelectronic applications. <i>Journal of Materials Chemistry C</i> , 2020, 8, 352-379.	2.7	33
23	Current Parallel Solid-Phase Synthesis of Drug-like Oxadiazole and Thiadiazole Derivatives for Combinatorial Chemistry. <i>ACS Combinatorial Science</i> , 2018, 20, 309-329.	3.8	31
24	Novel non-chelated cobalt(II) benzimidazole complex catalysts: Synthesis, crystal structures and cocatalyst effect in vinyl polymerization of norbornene. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 729-736.	0.8	29
25	Solid-Phase Synthesis of 1,3,6-Trisubstituted-1 <i>H</i> -thiazolo[4,5- <i>c</i>][1,2]thiazin-4(3 <i>H</i>)-one-2,2-dioxide Derivatives using Traceless Linker. <i>ACS Combinatorial Science</i> , 2009, 11, 288-293.	3.3	26
26	Solid-Phase Parallel Synthesis of Drug-Like Artificial 2 <i>H</i> -Benzopyran Libraries. <i>Molecules</i> , 2012, 17, 5467-5496.	1.7	26
27	High-Throughput Synthesis of New Ni(II), Pd(II), and Co(II) Catalysts and Polymerization of Norbornene Utilizing the Self-Made Parallel Polymerization Reactor System. <i>Macromolecular Rapid Communications</i> , 2004, 25, 302-306.	2.0	25
28	A novel 3-arylethynyl-substituted pyrido[2,3- <i>b</i>]pyrazine derivatives and pharmacophore model as Wnt2/ β -catenin pathway inhibitors in non-small-cell lung cancer cell lines. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 5639-5647.	1.4	25
29	X-ray Photoelectron Spectroscopy Analysis of Solid-Phase Reactions Using 3-Brominated Wang Resin. <i>ACS Combinatorial Science</i> , 1999, 1, 177-180.	3.3	24
30	A Highly Efficient Diversification of 2-Amino/Amido-1,3,4-oxadiazole and 1,3,4-Thiadiazole Derivatives via Reagent-Based Cyclization of Thiosemicarbazide Intermediate on Solid-Phase. <i>ACS Combinatorial Science</i> , 2015, 17, 732-741.	3.8	24
31	An activator of PHD2, KRH102140, decreases angiogenesis via inhibition of HIF-1 α . <i>Cell Biochemistry and Function</i> , 2011, 29, 126-134.	1.4	23
32	Novel Solid-Phase Parallel Synthesis of <i>N</i> -Substituted-2-aminobenzo [<i>d</i>]thiazole Derivatives via Cyclization Reactions of 2-Iodophenyl Thiourea Intermediate Resin. <i>ACS Combinatorial Science</i> , 2013, 15, 29-40.	3.8	23
33	2,3,6-Trisubstituted quinoxaline derivative, a small molecule inhibitor of the Wnt/ β -catenin signaling pathway, suppresses cell proliferation and enhances radiosensitivity in A549/Wnt2 cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 431, 746-752.	1.0	23
34	A solid-phase synthetic method for 3,4-dihydro-1 <i>H</i> -2,1-benzothiazin-4-one 2,2-dioxide derivatives. <i>Tetrahedron</i> , 2008, 64, 9060-9072.	1.0	21
35	Dioxybenzene-bridged hydrophobic silica aerogels with enhanced textural and mechanical properties. <i>Microporous and Mesoporous Materials</i> , 2020, 294, 109863.	2.2	21
36	Traceless Solid-Phase Synthesis of 2,4,5-Trisubstituted Thiazoles. <i>Synlett</i> , 2005, 2005, 2483-2485.	1.0	20

#	ARTICLE	IF	CITATIONS
37	Synthesis, anticancer activity and pharmacokinetic analysis of 1-[(substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Td (2- Chemistry, 2012, 20, 1303-1309.	1.4	20
38	Microwave-promoted reactions: Intramolecular carbanilide cyclization to hydantoins employing barium hydroxide catalyst. Tetrahedron Letters, 1998, 39, 3379-3382.	0.7	19
39	Synthesis and pharmacological evaluation of novel thienopyrimidine and triazolothienopyrimidine derivatives. Medicinal Chemistry Research, 2014, 23, 3235-3243.	1.1	19
40	Application of Thio-Ugi Adducts for the Preparation of Benzo[<i>b</i>]thiophene and S-Heterocycle Library via Copper Catalyzed Intramolecular C-S Bond Formation. ACS Combinatorial Science, 2015, 17, 365-373.	3.8	19
41	Construction of a 2,6-Difunctionalized 2-Methyl-2H-1-benzopyran Library by Using a Solid-Phase Synthesis Protocol. Journal of Organic Chemistry, 2005, 70, 10151-10154.	1.7	18
42	Method for the Solid-Phase Parallel Synthesis of a 6-Alkylamino-2-(functionalized-aminomethyl)-2H-1-benzopyran Library. ACS Combinatorial Science, 2006, 8, 897-906.	3.3	18
43	Regioselective synthesis of dipyrrolopyrazine (DPP) derivatives via metal free and metal catalyzed amination and investigation of their optical and thermal properties. RSC Advances, 2017, 7, 18120-18131.	1.7	18
44	Solid-phase synthesis of quinoxaline derivatives using 6-amino-2,3-dichloroquinoxaline loaded on AMEBA resin. Tetrahedron Letters, 2005, 46, 4979-4983.	0.7	17
45	A new vinyl ether type linker for solid-phase synthesis. Tetrahedron Letters, 2000, 41, 6415-6418.	0.7	16
46	Effect of conjugation on the optoelectronic properties of pyrazine-based push-pull chromophores: Aggregation-induced emission, solvatochromism, and acidochromism. Dyes and Pigments, 2021, 190, 109320.	2.0	16
47	Solid-Phase Synthesis of Peptidomimetics with Peptide Backbone Modifications. Asian Journal of Organic Chemistry, 2021, 10, 2300-2317.	1.3	14
48	A Novel 3-(8-Chloro-6-(trifluoromethyl)imidazo[1,2-a]pyridine-2-yl)phenyl Acetate Skeleton and Pharmacophore Model as Glucagon-like Peptide 1 Receptor Agonists. Bulletin of the Korean Chemical Society, 2010, 31, 3760-3764.	1.0	14
49	Synthesis, Hypoglycaemic, Hypolipidemic and $\text{PPAR}\gamma$ Agonist Activities of 5-(2-Alkyl/aryl-1H-imidazo[2,1-b][1,3,4]thiadiazol-5-yl)methylene-1,3,4-thiazolidinediones. Chemical Biology and Drug Design, 2013, 82, 147-155.	1.3	13
50	Unexpected route for the synthesis of N,N-dialkyl formamidines using phenyl chloroformate and N,N-dialkyl formamides. Tetrahedron, 2013, 69, 7107-7111.	1.0	13
51	Structure property relationships of tunable donor-acceptor functionalized dipyrrolopyrazine derivative as selective reversible acid base sensor. Dyes and Pigments, 2018, 156, 233-242.	2.0	13
52	Synthesis of dipyrrolopyrazine-based sensitizers with a new I^{II} -bridge end-capped donor-acceptor framework for DSSCs: a combined experimental and theoretical investigation. New Journal of Chemistry, 2019, 43, 3017-3025.	1.4	13
53	Structure property relationship of linear and angular pyrazine-based structural isomers with terminal D-A groups and evaluation of their photophysical properties. Dyes and Pigments, 2019, 168, 357-368.	2.0	13
54	Solid-phase synthesis of 2-cyanoquinazolin-4(3H)-one and 2,3-dihydrooxazolo[2,3-b]quinazolin-5-one derivatives utilizing resin-bound anthranilic acid derivatives. Tetrahedron Letters, 2005, 46, 7477-7481.	0.7	12

#	ARTICLE	IF	CITATIONS
55	Resistance to the c-Met inhibitor KRC-108 induces the epithelial transition of gastric cancer cells. <i>Oncology Letters</i> , 2016, 11, 991-997.	0.8	12
56	Identification of 3-hydroxy-2-(3-hydroxyphenyl)-4H-1-benzopyran-4-ones as isoform-selective PKC- α inhibitors and potential therapeutics for psychostimulant abuse. <i>Molecular BioSystems</i> , 2009, 5, 927.	2.9	11
57	Self-assembled organic microfibers and nanofibers of 2,6-diphenyl dihydrodipyrrolopyrazine (DP-DPP) derivatives for optoelectronic applications. <i>Tetrahedron</i> , 2017, 73, 5268-5279.	1.0	11
58	Unveiling the photophysical and morphological properties of an acidochromic thiophene flanked dipyrrolopyrazine-based chromophore for optoelectronic application. <i>RSC Advances</i> , 2018, 8, 2004-2014.	1.7	11
59	A Novel Solid-Phase Synthetic Method for 1,4-Benzodiazepine-2,5-dione Derivatives. <i>Synlett</i> , 2008, 2008, 1651-1656.	1.0	10
60	Solid-Phase Synthesis of 1,3,4-Thiadiazole Derivatives via Desulfurative Cyclization of Thiosemicarbazide Intermediate Resin. <i>ACS Combinatorial Science</i> , 2016, 18, 499-506.	3.8	10
61	Allosteric inhibition site of transglutaminase 2 is unveiled in the N terminus. <i>Amino Acids</i> , 2018, 50, 1583-1594.	1.2	10
62	An Efficient Solid-Phase Synthesis of 1,2,3-Triazoloamide Derivatives via Click Chemistry. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 2453-2456.	1.0	10
63	An Efficient Solid-phase Parallel Synthesis of 2-Amino and 2-Amidobenzo[d]oxazole Derivatives via Cyclization Reactions of 2-Hydroxyphenylthiourea Resin. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 4109-4116.	1.0	10
64	Efficient solid-phase synthesis of 2,4-disubstituted 5-carbamoyl-thiazole derivatives using a traceless support. <i>Tetrahedron</i> , 2015, 71, 3367-3377.	1.0	9
65	Intramolecular Mizoroki-Heck Reaction of 2-Thio-substituted Acrylates for the Synthesis of 3-Substituted Benzo[b]thiophene-2-carboxylates. <i>Synthesis</i> , 2016, 48, 4131-4142.	1.2	9
66	Construction of Druglike 2-Amido Benzo[<i>c</i>]imidazole Analogues via Desulfurative Cyclization of Thiourea Intermediate Resin on Solid-Phase. <i>ACS Combinatorial Science</i> , 2018, 20, 282-291.	3.8	9
67	Luminescent solar concentrator based on large-Stokes shift tetraphenylpyrazine fluorophore combining aggregation-induced emission and intramolecular charge transfer features. <i>Dyes and Pigments</i> , 2022, 202, 110221.	2.0	9
68	Phthalimidomethyl Group. A New Protecting Group of Thiols. <i>Chemistry Letters</i> , 1994, 23, 2139-2142.	0.7	8
69	Solid-phase Synthesis of sn-1,2- and sn-2,3-Diacylglycerols via Ring-Opening of the Glycidyl-Bound Resin. <i>ACS Combinatorial Science</i> , 2007, 9, 366-369.	3.3	8
70	Construction of 1,3,4-Oxadiazole and 1,3,4-Thiadiazole Library with a High Level of Skeletal Diversity Based on Branching Diversity-Oriented Synthesis on Solid-Phase Supports. <i>ACS Combinatorial Science</i> , 2018, 20, 82-97.	3.8	8
71	Synthesis, characterization and optoelectronic properties of pyrrolopyrazine based Y-shaped color-tunable dipolar molecules. <i>Dyes and Pigments</i> , 2019, 161, 470-481.	2.0	8
72	Aggregation induced emission properties of cruciform-type conjugated pyrazine molecules with four pendent donor groups. <i>Dyes and Pigments</i> , 2021, 192, 109419.	2.0	8

#	ARTICLE	IF	CITATIONS
73	Polymerization of Methyl Acrylate by a 2,6-Bis(2-benzimidazolyl)pyridine Zirconium Dichloride/MAO Catalyst System. <i>Macromolecular Chemistry and Physics</i> , 2006, 207, 1965-1971.	1.1	7
74	Discovery of (2-Fluoro-Benzyl)-(2-Methyl-2-Phenethyl-2<i>H</i>-Chromen-6-yl)-Amine (KRH-102140) as an Orally Active 5-Lipoxygenase Inhibitor with Activity in Murine Inflammation Models. <i>Pharmacology</i> , 2011, 87, 49-55.	0.9	7
75	Parallel synthesis of 2,4,5-trisubstituted thiophene-3-carbonitrile derivatives on traceless solid support. <i>Tetrahedron</i> , 2014, 70, 9183-9190.	1.0	7
76	Novel 3-arylethynyl-substituted thieno[3,4-b]pyrazine derivatives as human transglutaminase 2 inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 4932.	1.5	7
77	2,6-Di(thiophenyl)-1,5-dihydrodipyrrolopyrazine (DT-DPP) structural isomers as donor-acceptor molecules and their optoelectronic investigation. <i>RSC Advances</i> , 2017, 7, 39228-39236.	1.7	7
78	Diarylpyrazine-based position isomers: A detailed study of optical properties and structure-property relationship. <i>Dyes and Pigments</i> , 2020, 176, 108254.	2.0	7
79	Heterocycles as a Peptidomimetic Scaffold: Solid-Phase Synthesis Strategies. <i>Pharmaceuticals</i> , 2021, 14, 449.	1.7	7
80	Solid-phase synthesis of hydroxypiperazine derivatives using phenethylamine linker by oxidation-Cope elimination. <i>Tetrahedron</i> , 2005, 61, 9305-9311.	1.0	6
81	Solid-Phase Synthesis of Novel 7,8-Functionalized Pyrazolo[1,5-a][1,3,5]-2-oxo-4-thioxotriazine Derivatives via Cyclization Reactions of Dithiocarboxy Resin Bound Pyrazoles. <i>ACS Combinatorial Science</i> , 2009, 11, 626-630.	3.3	6
82	Identification of Metabolites of N-(5-Benzoyl-2-(4-(2-Methoxyphenyl)piperazin-1-yl)thiazol-4-yl)pivalamide Including CYP3A4-Mediated C-Demethylation in Human Liver Microsomes with High-Resolution/High-Accuracy Tandem Mass. <i>Drug Metabolism and Disposition</i> , 2014, 42, 1252-1260.	1.7	6
83	DGG-100629 inhibits lung cancer growth by suppressing the NFATc1/DDIAS/STAT3 pathway. <i>Experimental and Molecular Medicine</i> , 2021, 53, 643-653.	3.2	6
84	Synthesis of N-Substituted-2-Aminothiazolo[4,5-b]pyrazines by Tandem Reaction of o-Aminohalopyrazines with Isothiocyanates. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 4271-4274.	1.0	6
85	Microwave Assisted Synthesis of 1,3,4-Oxadiazole/Thiohydantoin Hybrid Derivatives via Dehydrative Cyclization of Semicarbazide. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 3609-3617.	1.0	6
86	Highly efficient indoor/outdoor light harvesting luminescent solar concentrator employing aggregation-induced emissive fluorophore. <i>Dyes and Pigments</i> , 2022, 205, 110563.	2.0	6
87	Solid-Phase Parallel Synthesis of 5-Amino- and 5-Amido-1,2,4-thiadiazole Derivatives via Cyclization Reactions of a Carboxamidine Thiourea Linker. <i>Synlett</i> , 2009, 2009, 999-1003.	1.0	5
88	Parallel Synthesis of Drug-like 5-Amino-Substituted 1,2,4-Thiadiazole Libraries Using Cyclization Reactions of a Carboxamidine Dithiocarbamate Linker. <i>Synthesis</i> , 2009, 2009, 913-920.	1.2	5
89	Solid-Phase Parallel Synthesis of N-Substituted-2-aminothiazolo[4,5-b]pyrazine Derivatives via Tandem Reaction of Isothiocyanate Terminated Resin with o-Bromo-2-Aminopyrazines. <i>ACS Combinatorial Science</i> , 2016, 18, 702-709.	3.8	5
90	Synthesis of 2-Amino-5-Carboxamide Thiazole Derivatives via Dehydrative Cyclization of Thiourea Intermediate Resin on Solid Phase. <i>ACS Combinatorial Science</i> , 2019, 21, 380-388.	3.8	5

#	ARTICLE	IF	CITATIONS
91	Pyrrolopyrazine-based triads decorated with donor-acceptor groups: pH and polarity induced visible color switching sensors. <i>Dyes and Pigments</i> , 2020, 181, 108532.	2.0	5
92	Synthesis of multi-functional porous superhydrophobic trioxybenzene cross-linked silica aerogels with improved textural properties. <i>Ceramics International</i> , 2020, 46, 17969-17977.	2.3	5
93	Synthesis and Biological Activity of Benzopyranyl Urea and Benzopyranyl Thiourea Derivatives as MDR Reversal Agents. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 3857-3860.	1.0	5
94	Microwave-Assisted Facile One-Step Carbamoylation of 6-Aminouracils. <i>Synthesis</i> , 2005, 2005, 2713-2717.	1.2	4
95	Microwave-assisted Solid-phase Synthesis of <i>N</i> -substituted 2-aminobenzo[1,3] Thiazine Derivatives from a BOMBA Resin. <i>Bulletin of the Korean Chemical Society</i> , 2017, 38, 334-341.	1.0	4
96	Design and Solid-Phase Parallel Synthesis of 2,4,5-Trisubstituted Thiazole Derivatives via Cyclization Reaction with a Carbamimidothioate Linker. <i>ACS Combinatorial Science</i> , 2019, 21, 482-488.	3.8	4
97	Solid-phase parallel synthesis of 1,3-thiazole library adorned with dipeptidyl chains. <i>Tetrahedron</i> , 2020, 76, 131702.	1.0	4
98	A Novel 6-(2-methyl-2-alkylsubstituted-2H-chromen-6-yl)-amine Derivatives and Pharmacophore Model as 5-Lipoxygenase Inhibitors. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 3752-3755.	1.0	4
99	Solid-phase Parallel Synthesis of a Novel <i>N</i> -[Alkylsulfonamido-spiro(2H-1-benzopyran-2,4-piperidine)-6-yl] substituted Amide and Amine Drug-like Libraries. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 128-136.	1.0	4
100	Novel Solid-Phase Synthetic Method for Combinatorial Generation of a 4-Hydroxyquinolin-2(1H)-one-Based Library. <i>Synlett</i> , 2007, 2007, 1431-1435.	1.0	3
101	Copper-Mediated Intramolecular N-N Bond Coupling Using Cerium(IV) Sulfate as the Oxidant for the Synthesis of 5-Thio-Substituted 1,2,4-Triazoles. <i>Synthesis</i> , 2015, 47, 3874-3880.	1.2	3
102	Solid-phase Synthesis of Novel 7,8-Functionalized Pyrazolo[1,5-a][1,3,5]-2,4-Dithioxotriazine Derivatives on Dithiocarboxy Resin Bound Pyrazoles. <i>Bulletin of the Korean Chemical Society</i> , 2009, 30, 3085-3088.	1.0	3
103	An Efficient and Regioselective Synthesis of 2,3-Disubstituted 6-Aminoquinoxaline Derivatives Using Alkoxylation and Microwave-assisted Sonogashira Coupling. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 2522-2524.	1.0	3
104	Design and Synthesis of a Novel 4-aryl- <i>N</i> -(2-alkoxythieno) [2,3- <i>b</i>]pyrazine-3-yl)-4-aryl-piperazine Derivatives as Anticancer through G2/M Arrest. <i>Pharmaceuticals</i> , 2022, 15, 502.	1.7	3
105	Epimerization in Intramolecular Carbanilide Cyclization to Hydantoins: A Computational Study. <i>Bulletin of the Chemical Society of Japan</i> , 2002, 75, 2477-2480.	2.0	2
106	A validated HPLC-MS/MS method for the quantification of supinoxin in rat plasma and its application to pharmacokinetic study. <i>Acta Chromatographica</i> , 2017, 29, 463-468.	0.7	2
107	Synthesis of 2-Alkoxy/Thioalkoxy Benzo[<i>d</i>]imidazoles and 2-Thione Benzo[<i>d</i>]imidazoles via a Phase-Based, Chemoselective Reaction. <i>ACS Combinatorial Science</i> , 2017, 19, 738-747.	3.8	2
108	Highly efficient enantioselective synthesis of 1,3-disubstituted 2,5-diketopiperazine derivatives via microwave irradiation. <i>Synthetic Communications</i> , 2019, 49, 3426-3434.	1.1	2

#	ARTICLE	IF	CITATIONS
109	N-(2,7-dimethyl-2-alkyl-2H-chromen-6-yl)sulfonamide derivatives as selective serotonin 5-HT ₆ receptor antagonists: Design, synthesis, and biological evaluation. <i>Journal of Molecular Structure</i> , 2022, 1248, 131417.	1.8	2
110	A Novel Phenylimidazo[1,2- <i>b</i>]pyridine Core Skeleton and Pharmacophore Model as Hypoxia-Inducible Factor Inhibitors. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 2039-2042.	1.0	2
111	Unveiling the structure-property relationship of X-shaped pyrazine-based D-A type luminophores with tunable aggregation-induced emission. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 429, 113908.	2.0	2
112	A novel core skeleton design and synthesis of <i>N</i> -(alkyl(1,2,3,4-tetrahydroquinolin-2-yl)ethyl)acetamide derivatives as a novel class of <i>5-HT₆</i> receptor antagonists. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 2039-2042.	1.0	2
113	Novel <i>N</i> -(2,2-disubstituted- <i>H</i> -chromenyl)- <i>N</i> -(2,3-disubstituted Guanidine Derivatives as an <i>S</i> -Nitrosoglutathione Reductase Inhibitor. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 2224-2229.	1.0	1
114	Highly Efficient Synthetic Method on Pyroacm Resin Using the Boc-SPPS Protocol for C-terminal Cysteine Peptide Synthesis. <i>Bulletin of the Korean Chemical Society</i> , 2017, 38, 54-62.	1.0	1
115	Traceless solid-phase synthesis and β -turn propensity of 1,3-thiazole-based peptidomimetics. <i>RSC Advances</i> , 2021, 11, 1050-1056.	1.7	1
116	A Novel 3-Phenylethynyl-2-yl-oxy Quinoxaline Core Skeleton and Pharmacophore Model as a Hypoxia-inducible Factor Inhibitor. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 3441-3444.	1.0	1
117	Facile synthesis of phenothiazine-pyrazine-based donor-acceptor-donor regioisomers: Influence of molecular geometry on aggregation-induced emission. <i>Dyes and Pigments</i> , 2022, 204, 110402.	2.0	1
118	Pharmacokinetic Characterization of Supinoxin and Its Physiologically Based Pharmacokinetic Modeling in Rats. <i>Pharmaceutics</i> , 2021, 13, 373.	2.0	0
119	Traceless Solid-Phase Synthesis of 7-Aminothiazolo[4,5-d]pyrimidine-Based Library via Dimroth Rearrangement. <i>Journal of Organic Chemistry</i> , 2021, 86, 12517-12527.	1.7	0
120	Discovery of a Novel 2,6-Difunctionalized 2H-Benzopyran Inhibitors Toward Sphingosylphosphorylcholine Synthetic Pathway as New Anti-inflammatory Target. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 2385-2390.	1.0	0