

Sanghee Kim

List of Publications by Year in descending order

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245
papers

8,751
citations

38660

50
h-index

69108

77
g-index

267
all docs

267
docs citations

267
times ranked

9843
citing authors

#	ARTICLE	IF	CITATIONS
1	Aminoacyl tRNA synthetases and their connections to disease. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11043-11049.	3.3	321
2	Plasma and Tissue Levels of Tea Catechins in Rats and Mice During Chronic Consumption of Green Tea Polyphenols. Nutrition and Cancer, 2000, 37, 41-48.	0.9	216
3	Chemocyanin, a small basic protein from the lily stigma, induces pollen tube chemotropism. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 16125-16130.	3.3	206
4	Synthesis and Evaluation of 1,2,3-Triazole Containing Analogues of the Immunostimulant Î±-GalCer. Journal of Medicinal Chemistry, 2007, 50, 585-589.	2.9	169
5	Design, Synthesis, and Discovery of Noveltrans-Stilbene Analogues as Potent and Selective Human Cytochrome P450 1B1 Inhibitors. Journal of Medicinal Chemistry, 2002, 45, 160-164.	2.9	158
6	Anti-inflammatory effects of glycyrol isolated from Glycyrrhiza uralensis in LPS-stimulated RAW264.7 macrophages. International Immunopharmacology, 2008, 8, 1524-1532.	1.7	150
7	Solid and Solution Phase Synthesis and Biological Evaluation of Combinatorial Sarcodictyin Libraries. Journal of the American Chemical Society, 1998, 120, 10814-10826.	6.6	140
8	NKT cells promote antibody-induced joint inflammation by suppressing transforming growth factor Î²1 production. Journal of Experimental Medicine, 2005, 201, 41-47.	4.2	126
9	Analysis of Genes Expressed During Rice-Magnaporthe grisea Interactions. Molecular Plant-Microbe Interactions, 2001, 14, 1340-1346.	1.4	119
10	Periconicins, Two New Fusicoccane Diterpenes Produced by an Endophytic FungusPericoniasp. with Antibacterial Activity. Journal of Natural Products, 2004, 67, 448-450.	1.5	117
11	Asymmetric Total Syntheses of (+)-3-(Z)-Laureatin and (+)-3-(Z)-Isolaureatin by a Lone Pair Interaction-Controlled Isomerization. Journal of the American Chemical Society, 2007, 129, 2269-2274.	6.6	114
12	Discovery of Diarylacrylonitriles as a Novel Series of Small Molecule Sortase A Inhibitors. Journal of Medicinal Chemistry, 2004, 47, 2418-2421.	2.9	111
13	p38 is essential for the assembly and stability of macromolecular tRNA synthetase complex: Implications for its physiological significance. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 7912-7916.	3.3	109
14	Aminoacyl-tRNA synthetases and their inhibitors as a novel family of antibiotics. Applied Microbiology and Biotechnology, 2003, 61, 278-288.	1.7	109
15	Synthesis of the Tricyclic Core of Eleutherobin and Sarcodictyins and Total Synthesis of Sarcodictyin A. Journal of the American Chemical Society, 1997, 119, 11353-11354.	6.6	108
16	A new selective and potent inhibitor of human cytochrome P450 1B1 and its application to antimutagenesis. Cancer Research, 2001, 61, 8164-70.	0.4	104
17	RNA-seq pinpoints a Xanthomonas TAL-effector activated resistance gene in a large-crop genome. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19480-19485.	3.3	103
18	Total Synthesis of Eleutherobin and Eleuthosides A and B. Journal of the American Chemical Society, 1998, 120, 8674-8680.	6.6	102

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19	Total Synthesis of Sarcodictyins A and B. <i>Journal of the American Chemical Society</i> , 1998, 120, 8661-8673.	6.6	101
20	Total Synthesis of Eleutherobin. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 2520-2524.	4.4	100
21	Antimicrobial Activity and Cytotoxicity of Bis(indole) Alkaloids from the Sponge <i>Spongosorites</i> sp.. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 570-573.	0.6	96
22	Structure of ras proteins. <i>Science</i> , 1989, 245, 244-244.	6.0	94
23	A Facile Method for the Solution and Solid-Phase Synthesis of Substituted [3.3.1] Bicycles. <i>Organic Letters</i> , 1999, 1, 807-810.	2.4	92
24	Bis(indole) alkaloids as sortase A inhibitors from the sponge <i>Spongosorites</i> sp.. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 4927-4931.	1.0	89
25	Synthesis and structure-activity studies of antofine analogues as potential anticancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 97-100.	1.0	89
26	Synthesis of the Fully Functionalized Bicyclic Core of Garsubellin A. <i>Journal of the American Chemical Society</i> , 1999, 121, 4724-4725.	6.6	85
27	A novel class of inhibitors for steroid 5 α -Reductase: synthesis and evaluation of umbelliferone derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 2361-2363.	1.0	84
28	Asymmetric Total Syntheses of (R)-Antofine and (R)-Cryptopleurine Using (R)-4-(Tributylstannyl)but-3-en-2-ol. <i>Journal of Organic Chemistry</i> , 2004, 69, 3144-3149.	1.7	84
29	First Asymmetric Total Synthesis of (R)-Antofine by Using an Enantioselective Catalytic Phase Transfer Alkylation. <i>Organic Letters</i> , 2003, 5, 2703-2706.	2.4	81
30	Piceatannol, a catechol-type polyphenol, inhibits phorbol ester-induced NF- κ B activation and cyclooxygenase-2 expression in human breast epithelial cells: cysteine 179 of IKK β as a potential target. <i>Carcinogenesis</i> , 2010, 31, 1442-1449.	1.3	80
31	Synthesis and inhibitory activity against COX-2 catalyzed prostaglandin production of chrysin derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 1165-1167.	1.0	79
32	Natural Killer T (NKT) Cells Attenuate Bleomycin-Induced Pulmonary Fibrosis by Producing Interferon- γ . <i>American Journal of Pathology</i> , 2005, 167, 1231-1241.	1.9	79
33	Discovery of cytochrome P450 1B1 inhibitors as new promising anti-cancer agents. <i>Medicinal Research Reviews</i> , 2003, 23, 657-668.	5.0	76
34	Expedient Syntheses of Antofine and Cryptopleurine via Intramolecular 1,3-Dipolar Cycloaddition. <i>Journal of Organic Chemistry</i> , 2007, 72, 4886-4891.	1.7	75
35	Construction of Eight-Membered Ether Rings by Olefin Geometry-Dependent Internal Alkylation: A First Asymmetric Total Syntheses of (+)-3-(E)- and (+)-3-(Z)-Pinnatifidenyne. <i>Journal of the American Chemical Society</i> , 2003, 125, 10238-10240.	6.6	70
36	Total Synthesis of Pancratistatin Relying on the [3,3]-Sigmatropic Rearrangement. <i>Journal of Organic Chemistry</i> , 2004, 69, 112-121.	1.7	70

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37	Stereocontrolled Total Synthesis of Pancratistatin. <i>Organic Letters</i> , 2002, 4, 1343-1345.	2.4	67
38	An NKT-mediated autologous vaccine generates CD4 T-cell-dependent potent antilymphoma immunity. <i>Blood</i> , 2007, 110, 2013-2019.	0.6	66
39	A New, Iterative Strategy for the Synthesis of Unsymmetrical Polyynes: Application to the Total Synthesis of 15,16-Dihydrominiquartynoic Acid. <i>Organic Letters</i> , 2004, 6, 3601-3604.	2.4	62
40	Highly Stereoselective and Efficient Total Synthesis of (+)-Laurencin. <i>Organic Letters</i> , 2005, 7, 75-77.	2.4	62
41	Design, Synthesis, and Biological Activity of Sulfonamide Analogues of Antofine and Cryptopleurine as Potent and Orally Active Antitumor Agents. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 7749-7762.	2.9	62
42	Asthma is induced by intranasal coadministration of allergen and natural killer T-cell ligand in a mouse model. <i>Journal of Allergy and Clinical Immunology</i> , 2004, 114, 1332-1338.	1.5	60
43	Approaches to the synthesis of ingenol. <i>Chemical Society Reviews</i> , 1997, 26, 387.	18.7	58
44	Hormonal activity of AIMP1/p43 for glucose homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14913-14918.	3.3	58
45	Haploinsufficiency of cathepsin D leads to lysosomal dysfunction and promotes cell-to-cell transmission of β -synuclein aggregates. <i>Cell Death and Disease</i> , 2015, 6, e1901-e1901.	2.7	58
46	Synthesis and Biological Activity of Sarcodictyins. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 1418-1421.	7.2	57
47	Akt Cys-310-targeted Inhibition by Hydroxylated Benzene Derivatives Is Tightly Linked to Their Immunosuppressive Effects. <i>Journal of Biological Chemistry</i> , 2010, 285, 9932-9948.	1.6	56
48	A General Strategy for Synthesis of Both (6Z)- and (6E)-Cladiellin Diterpenes: Total Syntheses of (6Z)-Cladiella-6,11-dien-3-ol, (+)-Polyanthellin A, (6E)-Cladiell-11-ene-3,6,7-triol, and (6E)-Deacetoxyalcyonin Acetate. <i>Journal of the American Chemical Society</i> , 2006, 128, 15851-15855.	6.6	55
49	Synthesis and evaluation of cytotoxicity of stilbene analogues. <i>Archives of Pharmacal Research</i> , 2003, 26, 253-257.	2.7	53
50	Biomimetic Asymmetric Total Synthesis of (6E)-Laurefucin via an Organoselenium-Mediated Intramolecular Hydroxyetherification. <i>Journal of the American Chemical Society</i> , 2008, 130, 16807-16811.	6.6	53
51	Inhibition of cell growth and potentiation of tumor necrosis factor- α (TNF- α)-induced apoptosis by a phenanthroindolizidine alkaloid antofine in human colon cancer cells. <i>Biochemical Pharmacology</i> , 2010, 80, 1356-1364.	2.0	52
52	Expedient Synthesis of Phenanthrenes via In(III)-Catalyzed 6-Exo-Dig Cycloisomerization. <i>Organic Letters</i> , 2013, 15, 920-923.	2.4	52
53	G2/M cell cycle arrest and induction of apoptosis by a stilbenoid, 3,4,5-trimethoxy-4-bromo-cis-stilbene, in human lung cancer cells. <i>Life Sciences</i> , 2004, 75, 2829-2839.	2.0	51
54	IL-4-Secreting NKT Cells Prevent Hypersensitivity Pneumonitis by Suppressing IFN- γ -Producing Neutrophils. <i>Journal of Immunology</i> , 2006, 177, 5258-5268.	0.4	50

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55	A highly efficient synthesis of taxanes via the tandem Diels-Alder reaction. <i>Tetrahedron Letters</i> , 1995, 36, 687-690.	0.7	47
56	Synthesis of Pachastrissamine from Phytosphingosine: A Comparison of Cyclic Sulfate vs an Epoxide Intermediate in Cyclization. <i>Organic Letters</i> , 2007, 9, 429-432.	2.4	47
57	Total Synthesis and Chemical Biology of the Sarcodictyins. <i>Chemical and Pharmaceutical Bulletin</i> , 1999, 47, 1199-1213.	0.6	46
58	Role of Conformational Effects on the Regioselectivity of Macrocyclic INOC Reactions: Two New Asymmetric Total Syntheses of (+)-Brefeldin A. <i>Journal of Organic Chemistry</i> , 2002, 67, 772-781.	1.7	45
59	Simple Determination of Double Bond Positions in Long Chain Olefins by Cross Metathesis. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8275-8278.	7.2	45
60	Biomimetic Total Synthesis of (±)-Penibругuieramine A Using Memory of Chirality and Dynamic Kinetic Resolution. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10875-10878.	7.2	44
61	NKT cell ligand ±-galactosylceramide blocks the induction of oral tolerance by triggering dendritic cell maturation. <i>European Journal of Immunology</i> , 2004, 34, 2471-2479.	1.6	43
62	Substrate-Controlled Asymmetric Total Synthesis of (+)-Microcladallene B with a Bromination Strategy Based on a Nucleophile-Assisting Leaving Group. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4726-4728.	7.2	42
63	Stereoselective Total Synthesis of (±)-Perrottetinene and Assignment of Its Absolute Configuration. <i>Organic Letters</i> , 2008, 10, 269-271.	2.4	42
64	Substrate-Controlled Asymmetric Total Synthesis and Structure Revision of (+)-tomanallene A. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 752-756.	7.2	42
65	Therapeutic effect of (Z)-3-(2,5-dimethoxyphenyl)-2-(4-methoxyphenyl) acrylonitrile (DMMA) against <i>Staphylococcus aureus</i> infection in a murine model. <i>Biochemical and Biophysical Research Communications</i> , 2010, 396, 440-444.	1.0	41
66	Protective effect of resveratrol derivatives on high-fat diet induced fatty liver by activating AMP-activated protein kinase. <i>Archives of Pharmacal Research</i> , 2014, 37, 1169-1176.	2.7	41
67	Practical Synthesis of KRN7000 from Phytosphingosine. <i>Synthesis</i> , 2004, 2004, 847-850.	1.2	40
68	Formal Total Synthesis of (±)-Lepadiformine. <i>Organic Letters</i> , 2006, 8, 745-748.	2.4	40
69	An ±-GalCer analogue with branched acyl chain enhances protective immune responses in a nasal influenza vaccine. <i>Vaccine</i> , 2011, 29, 417-425.	1.7	40
70	Phytosphingosine Derivatives Ameliorate Skin Inflammation by Inhibiting NF- κ B and JAK/STAT Signaling in Keratinocytes and Mice. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1023-1032.	0.3	40
71	Novel Protecting Group-Dependent Alkylation RCM Strategy to Medium-Sized Oxacycles: First Total Synthesis of (±)-Isoprelaufucin. <i>Journal of Organic Chemistry</i> , 2005, 70, 8723-8729.	1.7	39
72	Design, synthesis, and preliminary biological evaluation of a novel triazole analogue of ceramide. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 4584-4587.	1.0	39

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73	Monoglycerides from the brown alga <i>Sargassum sagamianum</i> : Isolation, synthesis, and biological activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 3589-3592.	1.0	39
74	Direct Regulatory Role of NKT Cells in Allogeneic Graft Survival Is Dependent on the Quantitative Strength of Antigenicity. <i>Journal of Immunology</i> , 2005, 174, 2030-2036.	0.4	37
75	A General Strategy for Construction of Both 2,6- <i>cis</i> - and 2,6- <i>trans</i> -Disubstituted Tetrahydropyrans: Substrate-Controlled Asymmetric Total Synthesis of (+)-Scanlonenyne. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4200-4203.	7.2	37
76	Proliferation of activated CD1d-restricted NKT cells is down-modulated by lymphocyte activation gene-3 signaling via cell cycle arrest in S phase. <i>Cell Biology International</i> , 2007, 31, 257-262.	1.4	36
77	Anti-proliferative activity and suppression of P-glycoprotein by ($\hat{\sim}$)-antofine, a natural phenanthroindolizidine alkaloid, in paclitaxel-resistant human lung cancer cells. <i>Food and Chemical Toxicology</i> , 2012, 50, 1060-1065.	1.8	36
78	An efficient and high-yielding one-pot synthesis of 4-acyl-1,2,3-triazoles via triisopropylsilyl-protected ynones. <i>Tetrahedron</i> , 2012, 68, 1460-1465.	1.0	36
79	Evaluation of Morphogenic Regulatory Activity of Farnesoic acid and Its Derivatives against <i>Candida albicans</i> Dimorphism. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 895-898.	1.0	34
80	Engagement of Glucocorticoid-Induced TNF Receptor Costimulates NKT Cell Activation In Vitro and In Vivo. <i>Journal of Immunology</i> , 2006, 176, 3507-3515.	0.4	34
81	Complete Genome Sequence of Bacteriophage SSU5 Specific for <i>Salmonella enterica</i> serovar Typhimurium Rough Strains. <i>Journal of Virology</i> , 2012, 86, 10894-10894.	1.5	34
82	Effects of Tetramethoxystilbene on Hormone-Resistant Breast Cancer Cells: Biological and Biochemical Mechanisms of Action. <i>Cancer Research</i> , 2007, 67, 5717-5726.	0.4	33
83	Pachastrissamine from <i>Pachastrissa</i> sp. Inhibits Melanoma Cell Growth by Dual Inhibition of Cdk2 and ERK-mediated FOXO3 Downregulation. <i>Phytotherapy Research</i> , 2012, 26, 1927-1933.	2.8	33
84	A calix[2]triazole[2]arene-based fluorescent chemosensor for probing the copper trafficking pathway in Wilson's disease. <i>Dalton Transactions</i> , 2014, 43, 16178-16182.	1.6	33
85	Stereoselective Synthesis of the Taxane Ring System via the Tandem Diels-Alder Cycloaddition. <i>Journal of Organic Chemistry</i> , 1997, 62, 2957-2962.	1.7	32
86	Efficient Synthesis of d-erythro-Sphingosine and d-erythro-Azidosphingosine from d-ribo-Phytosphingosine via a Cyclic Sulfate Intermediate. <i>Journal of Organic Chemistry</i> , 2006, 71, 8661-8664.	1.7	32
87	Platinum-Catalyzed Synthesis of Substituted Phenanthrenes from Biphenyl Propargyl Alcohols via a Carbene Intermediate. <i>Organic Letters</i> , 2014, 16, 4936-4939.	2.4	32
88	Stereoselective Synthesis of 2-C-Methyl-cyclopropyl-Fused Carbanucleosides as Potential Anti-HCV Agents. <i>Organic Letters</i> , 2006, 8, 5081-5083.	2.4	31
89	Divergent Total Synthesis of the Tricyclic Marine Alkaloids Lepadiformine, Fascicularin, and Isomers of Polycitorols by Reagent-Controlled Diastereoselective Reductive Amination. <i>Chemistry - A European Journal</i> , 2014, 20, 17433-17442.	1.7	30
90	Enantioselective syntheses of (+)-decursinol and (+)-trans-decursidinol. <i>Tetrahedron Letters</i> , 2001, 42, 7641-7643.	0.7	28

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91	Formal Synthesis of (âˆ“)âˆ“)-Perhydrohistrionicotoxin via Cyclic Amino Acid Esterâˆ“Enolate Claisen Rearrangement and Ring-Closing Metathesis. <i>Journal of Organic Chemistry</i> , 2005, 70, 5756-5759.	1.7	28
92	Involvement of the BLT₂ receptor in the itchâ€associated scratching induced by 12â€(i>S</i>)â€lipoxygenase products in ICR mice. <i>British Journal of Pharmacology</i> , 2008, 154, 1073-1078.	2.7	28
93	Facile Deprotection of Bulky (Trialkylsilyl)acetylenes with Silver Fluoride. <i>Synthesis</i> , 2009, 2009, 1963-1968.	1.2	28
94	Synthesis and structure-activity studies of side chain analogues of the anti-tubercular agent, Q203. <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 807-815.	2.6	28
95	Resveratrol analog, 3,5,2â€²,4â€²-tetramethoxy-trans-stilbene, potentiates the inhibition of cell growth and induces apoptosis in human cancer cells. <i>Archives of Pharmacal Research</i> , 2001, 24, 441-445.	2.7	27
96	Synthesis and PGE2 Inhibitory Activity of 5,7-Dihydroxyflavones and Their O-Methylated Flavone Analogs. <i>Archives of Pharmacal Research</i> , 2003, 26, 345-350.	2.7	27
97	Comparative Molecular Field Analysis Study of Stilbene Derivatives Active against A549 Lung Carcinoma. <i>Chemical and Pharmaceutical Bulletin</i> , 2003, 51, 516-521.	0.6	27
98	Chemical assay-guided natural product isolation via solid-supported chemodosimetric fluorescent probe. <i>Chemical Science</i> , 2015, 6, 2806-2811.	3.7	27
99	(4-Methoxy-benzylidene)-(3-methoxy-phenyl)-amine, a Nitrogen Analog of Stilbene as a Potent Inhibitor of Melanin Production. <i>Chemical and Pharmaceutical Bulletin</i> , 2002, 50, 450-452.	0.6	26
100	Syntheses of sulfur and selenium analogues of pachastrissamine via double displacements of cyclic sulfate. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 7237.	1.5	26
101	Asymmetric Total Synthesis of (+)-â€Neooxazolomycin Using a Chiralityâ€Transfer Strategy. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11018-11022.	7.2	26
102	Synthesis and biological activities of 8-arylflavones. <i>Archives of Pharmacal Research</i> , 2004, 27, 278-282.	2.7	25
103	Facile one-pot syntheses of bromoacetylenes from bulky trialkylsilyl acetylenes. <i>Tetrahedron</i> , 2006, 62, 4081-4085.	1.0	25
104	Identification of a potent and noncytotoxic inhibitor of melanin production. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 5602-5609.	1.4	25
105	Regiodivergent Halogenation of (i>E</i>)-âˆ“2-Chlorovinyl Ketones via Soft âˆ“ Vinyl Enolization Strategy. <i>Organic Letters</i> , 2015, 17, 450-453.	2.4	25
106	Anti-melanogenic activity of phytosphingosine via the modulation of the microphthalmia-associated transcription factor signaling pathway. <i>Journal of Dermatological Science</i> , 2017, 87, 19-28.	1.0	25
107	Stereoselective synthesis of (âˆ“)-âˆ“2-elmene by a doubly diastereodifferentiating internal alkylation: a remarkable difference in the rate of enolization between syn and anti esters. <i>Tetrahedron</i> , 2001, 57, 1247-1252.	1.0	24
108	Total synthesis and determination of the absolute configuration of (+)-neoisoprelaufucin. <i>Tetrahedron Letters</i> , 2003, 44, 6609-6612.	0.7	24

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109	Efficient and Selective Synthesis of <i>d</i> -arabino-, <i>d</i> -lyxo-, and <i>d</i> -xylo-Phytosphingosine from <i>d</i> -ribo-Phytosphingosine. <i>Journal of Organic Chemistry</i> , 2008, 73, 1379-1385.	1.7	24
110	Novel involvement of leukotriene B4 receptor 2 through ERK activation by PP2A down-regulation in leukotriene B4-induced keratin phosphorylation and reorganization of pancreatic cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 2120-2129.	1.9	24
111	Stereocontrolled Total Synthesis of (+)- <i>trans</i> - Δ^1 hydronarciclasine. <i>Chemistry - A European Journal</i> , 2012, 18, 9977-9982.	1.7	24
112	Antitumor Activity of Phenanthroindolizidine Alkaloids Is Associated with Negative Regulation of Mitochondrial Signaling in Renal Cancer Cells. <i>Chemistry and Biology</i> , 2015, 22, 504-515.	6.2	24
113	A novel synthetic <i>Piper</i> amide derivative <i>NED</i> -180 inhibits hyperpigmentation by activating the <i>PI3K</i> and <i>ERK</i> pathways and by regulating Ca^{2+} influx via <i>TRPM1</i> channels. <i>Pigment Cell and Melanoma Research</i> , 2016, 29, 81-91.	1.5	24
114	Memory of Chirality in Bromoalkyne Carbocyclization: Applications in Asymmetric Total Synthesis of Hasubanan Alkaloids. <i>Organic Letters</i> , 2019, 21, 292-295.	2.4	24
115	Tannic acid-functionalized boron nitride nanosheets for theranostics. <i>Journal of Controlled Release</i> , 2020, 327, 616-626.	4.8	24
116	Collective Asymmetric Total Synthesis of Δ^1 Oxygenated <i>Cephalotaxus</i> Alkaloids. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12060-12065.	7.2	24
117	Chemisorption structure of $c(2\sqrt{2})S/Fe(001)$ determined by angle-resolved photoemission extended fine structure. <i>Journal of Chemical Physics</i> , 1988, 89, 6538-6546.	1.2	23
118	Synthesis and Biological Evaluation of Highly Functionalized Analogues of Ingenol. <i>Journal of the American Chemical Society</i> , 1999, 121, 296-300.	6.6	23
119	The first total synthesis of glycyrol. <i>Tetrahedron Letters</i> , 2008, 49, 6835-6837.	0.7	23
120	Design and Synthesis of Piperidine-Containing Sphingoid Base Analogues. <i>Journal of Organic Chemistry</i> , 2009, 74, 3900-3904.	1.7	23
121	Bimodal Calix[2]triazole[2]arene Fluorescent Ionophore. <i>Organic Letters</i> , 2013, 15, 4058-4061.	2.4	23
122	Asymmetric Total Synthesis of Lepadiformine C Using Memory of Chirality in an Intramolecular Ester Enolate Michael Addition. <i>Organic Letters</i> , 2017, 19, 254-257.	2.4	23
123	Synthesis of 4-Acetylisocoumarin: First Total Syntheses of AGI-7 and Sescandelin. <i>Journal of Organic Chemistry</i> , 2002, 67, 3127-3130.	1.7	22
124	Synthesis of Novel Polyene Analogues of Sphingoid Base via an Iterative Acetylene Homologation Sequence. <i>Organic Letters</i> , 2007, 9, 2127-2130.	2.4	22
125	Synthesis and structure-activity relationships of novel fused ring analogues of Q203 as antitubercular agents. <i>European Journal of Medicinal Chemistry</i> , 2017, 136, 420-427.	2.6	22
126	Piperlongumine decreases cognitive impairment and improves hippocampal function in aged mice. <i>International Journal of Molecular Medicine</i> , 2018, 42, 1875-1884.	1.8	22

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127	Sphingosine 1-Phosphate Receptor 4 Promotes Nonalcoholic Steatohepatitis by Activating NLRP3 Inflammasome. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 925-947.	2.3	22
128	1,2,4-Triazole-Fused Heterocycles; Part 1: Preparation of 5,10-Dihydro-[1,2,4]-triazolo[5,1-b]quinazolines. <i>Synthesis</i> , 1994, 1994, 1057-1062.	1.2	21
129	Construction of the Tricyclo[5.3.1.0 ^{1,5}]undecane System by a Novel Tandem Pinacol Rearrangement-Ene Strategy: A Formal Total Synthesis of (±)-Perhydrohistrionicotoxin. <i>Journal of Organic Chemistry</i> , 2000, 65, 4864-4870.	1.7	21
130	Efficient preparation of enantiomerically pure (E)-4-(tributylstannanyl)but-3-en-2-ol via lipase-mediated resolution. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 1951-1954.	1.8	21
131	Benzamide derivative compound attenuates the ultraviolet B-induced hyperpigmentation in the brownish guinea pig skin. <i>Biochemical Pharmacology</i> , 2004, 67, 707-715.	2.0	21
132	Synthesis and Structural Analysis of One-Dimensional sp ² -Hybridized Carbon Chain Molecules. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7740-7743.	7.2	21
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