Tak Hang Chan

List of Publications by Year
in descending order

169	8,671	38742 50	56724 83
papers	citations	h-index	g-index

172	172	172	7374
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Organic syntheses using indium-mediated and catalyzed reactions in aqueous media. Tetrahedron, 1999, 55, 11149-11176.	1.9	522
2	Ionic-Liquid-Supported Synthesis:â€‰ A Novel Liquid-Phase Strategy for Organic Synthesis. Accounts of Chemical Research, 2006, 39, 897-908.	15.6	411
3	A Novel Prodrug of the Green Tea Polyphenol (â^')-Epigallocatechin-3-Gallate as a Potential Anticancer Agent. Cancer Research, 2007, 67, 4303-4310.	0.9	218
4	Chemistry of enol silyl ethers. 5. A novel cycloaromatization reaction. Regiocontrolled synthesis of substituted methyl salicylates. Journal of the American Chemical Society, 1980, 102, 3534-3538.	13.7	199
5	Indium-Mediated Organometallic Reactions in Aqueous Media:Â The Nature of the Allylindium Intermediate. Journal of the American Chemical Society, 1999, 121, 3228-3229.	13.7	188
6	Ionic-Liquid-Supported Organocatalyst: Efficient and Recyclable Ionic-Liquid-Anchored Proline for Asymmetric Aldol Reaction. Advanced Synthesis and Catalysis, 2006, 348, 1711-1718.	4.3	181
7	EGCG, green tea polyphenols and their synthetic analogs and prodrugs for human cancer prevention and treatment. Advances in Clinical Chemistry, 2011, 53, 155-177.	3.7	172
8	Exploration of Ionic Liquids as Soluble Supports for Organic Synthesis. Demonstration with a Suzuki Coupling Reaction. Organic Letters, 2003, 5, 5003-5005.	4.6	157
9	The proteasome as a potential target for novel anticancer drugs and chemosensitizers. Drug Resistance Updates, 2006, 9, 263-273.	14.4	151
10	: A mild reagent for the regioselective reductive ring opening of benzylidene acetals in carbohydrates. Tetrahedron Letters, 1998, 39, 355-358.	1.4	140
11	Enantioselective Pd-Catalyzed Allylic Alkylation of Indoles by a New Class of Chiral Ferrocenyl P/S Ligands. Organic Letters, 2007, 9, 4295-4298.	4.6	138
12	A potential prodrug for a green tea polyphenol proteasome inhibitor: evaluation of the peracetate ester of (â^')-epigallocatechin gallate [(â^')-EGCG]. Bioorganic and Medicinal Chemistry, 2004, 12, 5587-5593.	3.0	130
13	A Novel Prodrug of Epigallocatechin-3-gallate: Differential Epigenetic hTERT Repression in Human Breast Cancer Cells. Cancer Prevention Research, 2011, 4, 1243-1254.	1.5	125
14	Indium mediated coupling of aldehydes with allyl bromides in aqueous media. the issue of regio- and diastereo-selectivity. Tetrahedron Letters, 1995, 36, 8957-8960.	1.4	123
15	Indium-Mediated Coupling of .alpha.-(Bromomethyl)acrylic Acid with Carbonyl Compounds in Aqueous Media. Concise Syntheses of (+)-3-Deoxy-D-glycero-D-galacto-nonulosonic Acid and N-Acetylneuraminic Acid. Journal of Organic Chemistry, 1995, 60, 4228-4232.	3.2	120
16	Alkene synthesis via .beta.-functionalized organosilicon compounds. Accounts of Chemical Research, 1977, 10, 442-448.	15.6	114
17	Aerobic and Electrochemical Oxidative Crossâ€Dehydrogenativeâ€Coupling (CDC) Reaction in an Imidazoliumâ€Based Ionic Liquid. Chemistry - A European Journal, 2010, 16, 8162-8166.	3.3	113
18	Docking studies and model development of tea polyphenol proteasome inhibitors: Applications to rational drug design. Proteins: Structure, Function and Bioinformatics, 2003, 54, 58-70.	2.6	111

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19	Synthetic Analogs of Green Tea Polyphenols as Proteasome Inhibitors. Molecular Medicine, 2002, 8, 382-392.	4.4	110
20	Magnetic non-equivalence of methylene protons in dissymmetric benzylamines. Tetrahedron, 1965, 21, 2015-2019.	1.9	98
21	Novel epigallocatechin gallate (EGCG) analogs activate AMP-activated protein kinase pathway and target cancer stem cells. Bioorganic and Medicinal Chemistry, 2012, 20, 3031-3037.	3.0	97
22	Recent advances on tea polyphenols. Frontiers in Bioscience - Elite, 2012, E4, 111.	1.8	94
23	Flavonoid Dimers as Bivalent Modulators for P-Glycoprotein-Based Multidrug Resistance:Â Synthetic Apigenin Homodimers Linked with Defined-Length Poly(ethylene glycol) Spacers Increase Drug Retention and Enhance Chemosensitivity in Resistant Cancer Cells. Journal of Medicinal Chemistry, 2006, 49, 6742-6759.	6.4	93
24	Enantioselective Synthesis of Epigallocatechin-3-gallate (EGCG), the Active Polyphenol Component from Green Tea. Organic Letters, 2001, 3, 739-741.	4.6	91
25	Ionic-Liquid-Supported Peptide Synthesis Demonstrated by the Synthesis of Leu5-enkephalin. Journal of Organic Chemistry, 2005, 70, 3251-3255.	3.2	89
26	Prodrug of green tea epigallocatechin-3-gallate (Pro-EGCG) as a potent anti-angiogenesis agent for endometriosis in mice. Angiogenesis, 2013, 16, 59-69.	7.2	88
27	Organometallic Reactions in Aqueous Media. Indium- and Zinc-Mediated Allylation of Sulfonimines1. Journal of Organic Chemistry, 2000, 65, 8589-8594.	3.2	87
28	A prodrug of green tea polyphenol (â€“)-epigallocatechin-3-gallate (Pro-EGCG) serves as a novel angiogenesis inhibitor in endometrial cancer. Cancer Letters, 2018, 412, 10-20.	7.2	86
29	Regioselective Acylation of Hexopyranosides with Pivaloyl Chloride. Journal of Organic Chemistry, 1998, 63, 6035-6038.	3.2	84
30	Manganese-Mediated Carbonâ^'Carbon Bond Formation in Aqueous Media:Â Chemoselective Allylation and Pinacol Coupling of Aryl Aldehydes. Journal of Organic Chemistry, 1998, 63, 7498-7504.	3.2	84
31	Manganese-Mediated Reactions in Aqueous Media:Â Chemoselective Allylation and Pinacol Coupling of Aryl Aldehydes. Journal of Organic Chemistry, 1997, 62, 8632-8633.	3.2	82
32	Rational Design of Berberine-Based FtsZ Inhibitors with Broad-Spectrum Antibacterial Activity. PLoS ONE, 2014, 9, e97514.	2.5	82
33	Organometallic Reactions in Aqueous Media. The Nature of the Organotin Intermediate in the Tin-Mediated Allylation of Carbonyl Compounds. Journal of Organic Chemistry, 1999, 64, 4452-4455.	3.2	81
34	Organometallic reactions in aqueous media. Indium-mediated allylation of sulfonimines. Tetrahedron Letters, 1998, 39, 8605-8608.	1.4	79
35	Modulation of Multidrug Resistance Protein 1 (MRP1/ABCC1)-Mediated Multidrug Resistance by Bivalent Apigenin Homodimers and Their Derivatives. Journal of Medicinal Chemistry, 2009, 52, 5311-5322.	6.4	76
36	Synthetic peracetate tea polyphenols as potent proteasome inhibitors and apoptosis inducers in human cancer cells. Frontiers in Bioscience - Landmark, 2005, 10, 1010.	3.0	72

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37	Methylation suppresses the proteasome-inhibitory function of green tea polyphenols. Journal of Cellular Physiology, 2007, 213, 252-260.	4.1	71
38	Indium-Mediated Organometallic Reactions in Aqueous Media. Stereoselectivity in the Crotylation of Sulfonimines Bearing a Proximal Chelating Group. Journal of Organic Chemistry, 2001, 66, 3467-3473.	3.2	70
39	Manganese/Bicarbonate-Catalyzed Epoxidation of Lipophilic Alkenes with Hydrogen Peroxide in Ionic Liquids. Organic Letters, 2003, 5, 3423-3425.	4.6	69
40	Amine Linked Flavonoid Dimers as Modulators for P-Glycoprotein-Based Multidrug Resistance: Structureâ€“Activity Relationship and Mechanism of Modulation. Journal of Medicinal Chemistry, 2012, 55, 1999-2014.	6.4	67
41	Effect of a Prodrug of the Green Tea Polyphenol (-)-Epigallocatechin-3-Gallate on the Growth of Androgen-Independent Prostate Cancer In Vivo. Nutrition and Cancer, 2008, 60, 483-491.	2.0	66
42	A novel liquid-phase strategy for organic synthesis using organic ions as soluble supports. Chemical Society Reviews, 2010, 39, 2977.	38.1	66
43	Identification of a New Class of FtsZ Inhibitors by Structure-Based Design and in Vitro Screening. Journal of Chemical Information and Modeling, 2013, 53, 2131-2140.	5.4	65
44	Facile synthesis of Î±-hydroxy carbonyl compounds by enolate oxidation with dimethyldioxirane. Tetrahedron Letters, 1991, 32, 715-718.	1.4	61
45	Silicon tetrachloride as a coupling reagent for amide formation. Journal of Organic Chemistry, 1969, 34, 2766-2767.	3.2	60
46	Chemistry of 2,5-bis(trimethylsiloxy) furans. I: Preparation and diels-alder reactions. Tetrahedron Letters, 1980, 21, 3423-3426.	1.4	59
47	Structure-activity relationships of synthetic analogs of (-)-epigallocatechin-3-gallate as proteasome inhibitors. Anticancer Research, 2004, 24, 943-54.	1.1	58
48	Structureâ€“activity study of epi-gallocatechin gallate (EGCG) analogs as proteasome inhibitors. Bioorganic and Medicinal Chemistry, 2005, 13, 2177-2185.	3.0	55
49	Experimental and Theoretical Studies of the Propargyl-Allenylindium System. Journal of the American Chemical Society, 2004, 126, 13326-13334.	13.7	53
50	A pro-drug of the green tea polyphenol (â^')-epigallocatechin-3-gallate (EGCG) prevents differentiated SH-SY5Y cells from toxicity induced by 6-hydroxydopamine. Neuroscience Letters, 2010, 469, 360-364.	2.1	53
51	Organometallic-type reactions in aqueous media mediated by indium. Allylation of acyloyl-imidazoles and pyrazoles. Regioselective synthesis of Î²,Î³-unsaturated ketones. Tetrahedron Letters, 1997, 38, 6493-6496.	1.4	52
52	Solvent-free route to ionic liquid precursors using a water-moderated microwave process. Green Chemistry, 2002, 4, 328-330.	9.0	52
53	Synthesis of 1-deoxycastanospermine and stereoisomers. Journal of Organic Chemistry, 1992, 57, 3078-3085.	3.2	50
54	A para-amino substituent on the D-ring of green tea polyphenol epigallocatechin-3-gallate as a novel proteasome inhibitor and cancer cell apoptosis inducer. Bioorganic and Medicinal Chemistry, 2007, 15, 5076-5082.	3.0	50

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55	The isolation and further characterization of the bilirubin tetrapyrroles in bile-containing human duodenal juice and dog gall-bladder bile. Biochemical Journal, 1977, 167, 1-8.	3.7	47
56	Indium mediated intramolecular carbocyclization in aqueous media. A facile and stereoselective synthesis of fused Î±-methylene-Î³-butyrolactones. Tetrahedron Letters, 1996, 37, 5341-5342.	1.4	47
57	Synthetic analogs of green tea polyphenols as proteasome inhibitors. Molecular Medicine, 2002, 8, 382-92.	4.4	47
58	Flavonoid Dimers as Bivalent Modulators for Pentamidine and Sodium Stiboglucanate Resistance in Leishmania. Antimicrobial Agents and Chemotherapy, 2007, 51, 930-940.	3.2	46
59	Structurally Defined Imidazolium-Type Ionic Oligomers as Soluble/Solid Support for Peptide Synthesis. Organic Letters, 2007, 9, 2681-2684.	4.6	45
60	Flavonoid Dimers as Bivalent Modulators for Pâ€Glycoproteinâ€Based Multidrug Resistance: Structureâ€“Activity Relationships. ChemMedChem, 2009, 4, 594-614.	3.2	45
61	Inhibition of catechol-ÎŸ-methyltransferase activity in human breast cancer cells enhances the biological effect of the green tea polyphenol (-)-EGCG. Oncology Reports, 2010, 24, 563-9.	2.6	45
62	Proteasome inhibition in human breast cancer cells with high catechol-O-methyltransferase activity by green tea polyphenol EGCG analogs. Bioorganic and Medicinal Chemistry, 2010, 18, 1252-1258.	3.0	45
63	Organometallic-type reactions in aqueous media. Wurtz-coupling of alkyl halides with manganese/cupric chloride. Tetrahedron Letters, 1998, 39, 2499-2502.	1.4	44
64	Remarkable 1,6-Acyclic Diastereoselection in the Coupling of a Novel Butadienyl Di-indium Compound with Aldehydes. Journal of the American Chemical Society, 2003, 125, 2412-2413.	13.7	44
65	Synthetic and Mechanistic Studies of Indium-Mediated Allylation of Imines in Ionic Liquids. Journal of Organic Chemistry, 2007, 72, 923-929.	3.2	44
66	Targeting the DNA Repair Endonuclease ERCC1-XPF with Green Tea Polyphenol Epigallocatechin-3-Gallate (EGCG) and Its Prodrug to Enhance Cisplatin Efficacy in Human Cancer Cells. Nutrients, 2018, 10, 1644.	4.1	44
67	Design, synthesis and antibacterial evaluation of 2,4-disubstituted-6-thiophenyl-pyrimidines. European Journal of Medicinal Chemistry, 2019, 161, 141-153.	5.5	44
68	Evaluation of proteasome-inhibitory and apoptosis-inducing potencies of novel (-)-EGCG analogs and their prodrugs. International Journal of Molecular Medicine, 2005, 15, 735-42.	4.0	44
69	Effect of Fluoride Salts on Metal-Mediated Reactions. Aluminum/Fluoride Salt-Mediated Reduction and Pinacol Coupling of Carbonyl Compounds in Aqueous Media. Organic Letters, 2000, 2, 1129-1132.	4.6	43
70	Organometallic Reactions in Aqueous Media. Indium-Mediated 1,3-Butadien-2-ylation of Carbonyl Compounds. Organic Letters, 2000, 2, 3469-3471.	4.6	43
71	Sulfuric Acid-Catalyzed Conversion of Alkynes to Ketones in an Ionic Liquid Medium under Mild Reaction Conditions. ACS Catalysis, 2011, 1, 116-119.	11.2	43
72	Reductive formation of disulfides from sulfenyl, sulfinyl, and sulfonyl derivatives using tri-n-propylamine and trichlorosilane. Journal of the American Chemical Society, 1970, 92, 7224-7225.	13.7	42

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73	Microwave-assisted solvent-free N-arylation of imidazole and pyrazole. Tetrahedron Letters, 2009, 50, 1286-1289.	1.4	42
74	Organometallic reactions in aqueous media. Antimony-mediated allylation of carbonyl compounds with fluoride salts. Tetrahedron Letters, 2000, 41, 5009-5012.	1.4	41
75	Synthesis of Phosphonic Acid Analogues of Sialic Acids (Neu5Ac and KDN) as Potential Sialidase Inhibitors. Journal of Organic Chemistry, 1997, 62, 3500-3504.	3.2	40
76	A Simple and Effective Catalytic System for Epoxidation of Aliphatic Terminal Alkenes with Manganese(II) as the Catalyst. Chemistry - A European Journal, 2008, 14, 7988-7996.	3.3	40
77	Absolute configuration of indolmycin. Journal of Organic Chemistry, 1970, 35, 3519-3521.	3.2	39
78	Transfer of Asymmetry from Nitrogen to Carbon in the Stevens Rearrangement. Journal of the American Chemical Society, 1966, 88, 866-867.	13.7	38
79	Enantioselective synthesis of afzelechin and epiafzelechin. Tetrahedron, 2004, 60, 8207-8211.	1.9	38
80	A Novel Approach to Oligonucleotide Synthesis Using an Imidazolium Ion Tag as a Soluble Support. Journal of Organic Chemistry, 2006, 71, 7907-7910.	3.2	38
81	Chemistry of 2,5-bis(trimethylsiloxy)furans. II: Reactions with carbonyl compounds and the synthesis of 2,6-diaryl-3,7-dioxabicyclo[3.3.0]octane-4,8-diones. Tetrahedron Letters, 1980, 21, 3427-3430.	1.4	37
82	Regiospecific and enantioselective synthesis of methylated metabolites of tea catechins. Tetrahedron, 2006, 62, 5897-5904.	1.9	37
83	Evaluation of curcumin acetates and amino acid conjugates as proteasome inhibitors. International Journal of Molecular Medicine, 2010, 26, 447-55.	4.0	37
84	Organometallic reactions in aqueous medium. Conversion of carbonyl compounds to 1,3-butadienes or vinyloxiranes. Organometallics, 1990, 9, 2649-2650.	2.3	36
85	Investigation of synergistic antimicrobial effects of the drug combinations of meropenem and 1,2-benzisoselenazol-3(2H)-one derivatives on carbapenem-resistant Enterobacteriaceae producing NDM-1. European Journal of Medicinal Chemistry, 2018, 155, 285-302.	5.5	36
86	Organic Reactions in Aqueous Media. Cyclopentadienylindium(I) as the First Example of Organoindium(I) Reagent for Carbonâ^'Carbon Bond Formation and the Demonstration of One-Pot Tandem Addition/Intramolecular Dielsâ^'Alder Reaction in Aqueous Media. Journal of the American Chemical Society, 2000, 122, 402-403.	13.7	35
87	Metal mediated allylation of carbonyl compounds in ionic liquids. Green Chemistry, 2002, 4, 161-164.	9.0	35
88	A new 4C + 2C annelation reaction based on tandem Michael-Claisen condensation. 1. General scope. Journal of Organic Chemistry, 1987, 52, 110-119.	3.2	34
89	Flavonoid Dimers as Novel, Potent Antileishmanial Agents. Journal of Medicinal Chemistry, 2012, 55, 8891-8902.	6.4	33
90	New non-volatile and odorless organosulfur compounds anchored on ionic liquids. Recyclable reagents for Swern oxidation. Tetrahedron, 2006, 62, 3389-3394.	1.9	32

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91	Celastrol and an EGCG pro-drug exhibit potent chemosensitizing activity in human leukemia cells. International Journal of Molecular Medicine, 2010, 25, 465-70.	4.0	32
92	Effect of substituent on reactions remote from silicon: regioselective .alpha.-alkylation of .alpha.-silylallyl carbanions. Journal of Organic Chemistry, 1989, 54, 317-327.	3.2	31
93	Zwitterionic Phosphonium Sulfonates as Easily Phase-Separable Ion-Tagged Wittig Reagents. Journal of Organic Chemistry, 2008, 73, 8583-8586.	3.2	29
94	Novel epigallocatechin gallate analogs as potential anticancer agents: a patent review (2009 â€“) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	5.0	29
95	Triazole Bridged Flavonoid Dimers as Potent, Nontoxic, and Highly Selective Breast Cancer Resistance Protein (BCRP/ABCG2) Inhibitors. Journal of Medicinal Chemistry, 2019, 62, 8578-8608.	6.4	29
96	Perspectives on the recent developments with green tea polyphenols in drug discovery. Expert Opinion on Drug Discovery, 2018, 13, 643-660.	5.0	29
97	Chemistry of 2,5-bis(trimethylsiloxy)furans. III: Synthesis of Î³-hydroxybutenolides. Tetrahedron Letters, 1980, 21, 3431-3434.	1.4	28
98	Organometallic reactions in aqueous media. 2. Convenient synthesis of methylenetetrahydrofurans. Organometallics, 1991, 10, 2548-2549.	2.3	28
99	Indirect catalytic epoxidation with hydrogen peroxide electrogenerated in ionic liquids. Tetrahedron, 2006, 62, 6650-6658.	1.9	28
100	Carbon Tetrabromide/Sodium Triphenylphosphineâ€mâ€sulfonate (TPPMS) as an Efficient and Easily Recoverable Catalyst for Acetalization and Tetrahydropyranylation Reactions. Advanced Synthesis and Catalysis, 2009, 351, 1933-1938.	4.3	28
101	In Vitro and In Vivo Efficacy of Novel Flavonoid Dimers against Cutaneous Leishmaniasis. Antimicrobial Agents and Chemotherapy, 2014, 58, 3379-3388.	3.2	28
102	Evaluation of acyloxysilane as acylating agent for peptide synthesis. Journal of Organic Chemistry, 1971, 36, 850-853.	3.2	27
103	Quinacrine and a novel apigenin dimer can synergistically increase the pentamidine susceptibility of the protozoan parasite Leishmania. Journal of Antimicrobial Chemotherapy, 2009, 63, 1179-1190.	3.0	27
104	Biological and Mechanistic Characterization of Novel Prodrugs of Green Tea Polyphenol Epigallocatechin Gallate Analogs in Human Leiomyoma Cell Lines. Journal of Cellular Biochemistry, 2016, 117, 2357-2369.	2.6	27
105	Flavonoid dimers are highly potent killers of multidrug resistant cancer cells overexpressing MRP1. Biochemical Pharmacology, 2017, 124, 10-18.	4.4	27
106	Boosting the efficacy of anti-MRSA Î²-lactam antibiotics via an easily accessible, non-cytotoxic and orally bioavailable FtsZ inhibitor. European Journal of Medicinal Chemistry, 2019, 163, 95-115.	5.5	27
107	Iron-mediated allylation of aryl aldehydes in aqueous media. Tetrahedron Letters, 2004, 45, 4189-4191.	1.4	26
108	Organometallic reactions in ionic liquids. Alkylation of aldehydes with diethylzinc. Green Chemistry, 2004, 6, 241.	9.0	26

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109	Discovery of Novel Flavonoid Dimers To Reverse Multidrug Resistance Protein 1 (MRP1, ABCC1) Mediated Drug Resistance in Cancers Using a High Throughput Platform with â€œClick Chemistryâ€. Journal of Medicinal Chemistry, 2018, 61, 9931-9951.	6.4	26
110	Novel Classes of Dimer Antitumour Drug Candidates. Current Pharmaceutical Design, 2009, 15, 659-674.	1.9	25
111	A simple route to the 8-oxabicyclo[3.2.1]octyl and 9-oxabicyclo[3.3.1]nonyl systems. Synthesis of the 8-oxa analog of cocaine.. Tetrahedron Letters, 1979, 20, 4437-4440.	1.4	24
112	Synthesis and Structureâ^'Activity Relationships of 2-Pyrazinylcarboxamido- benzoates and Î²-Ionylideneacetamidobenzoates with Retinoidal Activity. Journal of Medicinal Chemistry, 1998, 41, 3062-3077.	6.4	24
113	Organometallic reactions in aqueous media. Allylation of aldehydes with diallylmercury or allylmercury bromide. Tetrahedron Letters, 1999, 40, 3863-3866.	1.4	24
114	An environmentally benign catalytic system for alkene epoxidation with hydrogen peroxide electrogenerated in situ. Green Chemistry, 2006, 8, 900.	9.0	24
115	Sensitizing human multiple myeloma cells to the proteasome inhibitor bortezomib by novel curcumin analogs. International Journal of Molecular Medicine, 2012, 29, 102-6.	4.0	23
116	A chemoenzymic approach to the epoxidation of alkenes in aqueous media. Tetrahedron, 2005, 61, 6009-6014.	1.9	22
117	Synthesis of (2R,3R)-epigallocatechin-3-O-(4-hydroxybenzoate), a novel catechin from Cistus salvifolius, and evaluation of its proteasome inhibitory activities. Tetrahedron, 2007, 63, 7565-7570.	1.9	22
118	A C60-derivatized dipeptide. Tetrahedron Letters, 1995, 36, 431-434.	1.4	21
119	Theoretical Study of the Intrinsic Reactivities of Various Allylmetals toward Carbonyls and Water. Organometallics, 2005, 24, 1598-1607.	2.3	21
120	Electrospray mass spectral fragmentation study of N,Nâ€²-disubstituted imidazolium ionic liquids. Journal of the American Society for Mass Spectrometry, 2006, 17, 85-95.	2.8	21
121	(Trimethylstannyl)vinyl Cuprates:Â Generation and Conjugate Addition Reactions. Journal of Organic Chemistry, 1996, 61, 5406-5413.	3.2	20
122	Efficient Synthesis of Amine-Linked 2,4,6-Trisubstituted Pyrimidines as a New Class of Bacterial FtsZ Inhibitors. ACS Omega, 2017, 2, 7281-7292.	3.5	20
123	A new 4C + 2C annelation reaction based on tandem Michael-Claisen condensation. 2. Synthesis of aristolone and fukinone. Journal of Organic Chemistry, 1987, 52, 120-124.	3.2	19
124	Therapeutic potential of a novel prodrug of green tea extract in induction of apoptosis via ERK/JNK and Akt signaling pathway in human endometrial cancer. BMC Cancer, 2020, 20, 964.	2.6	19
125	Methylation of green tea polyphenols affects their binding to and inhibitory poses of the proteasome beta5 subunit. International Journal of Molecular Medicine, 2006, 18, 625-32.	4.0	19
126	A New Class of Safe, Potent, and Specific P-gp Modulator: Flavonoid Dimer FD18 Reverses P-gp-Mediated Multidrug Resistance in Human Breast Xenograft in Vivo. Molecular Pharmaceutics, 2015, 12, 3507-3517.	4.6	18

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127	Kinetics and mechanism of the sulfoxide-silane reaction. Journal of the American Chemical Society, 1970, 92, 3718-3722.	13.7	17
128	(â˜')-Epiafzelechin Protects against Ovariectomy-induced Bone Loss in Adult Mice and Modulate Osteoblastic and Osteoclastic Functions In Vitro. Nutrients, 2017, 9, 530.	4.1	17
129	Bioisosteric investigation of ebselen: Synthesis and in vitro characterization of 1,2-benzisothiazol-3(2H)-one derivatives as potent New Delhi metallo-Î²-lactamase inhibitors. Bioorganic Chemistry, 2020, 100, 103873.	4.1	17
130	Structureâ€“activity relationship study of synthetic hydrazines as ecdysone agonists in the control of spruce budworm (Choristoneurafumiferana). Canadian Journal of Chemistry, 1995, 73, 550-557.	1.1	15
131	Evaluating Lewis acid catalyzed hydroalkylation of alkenes in neat and in ionic liquids. Journal of Molecular Catalysis A, 2008, 279, 218-222.	4.8	15
132	Formation and Reactions of Alkylzinc Reagents in Room-Temperature Ionic Liquids. Journal of Organic Chemistry, 2005, 70, 10434-10439.	3.2	14
133	Collisionâ€induced dissociation of sulfurâ€containing imidazolium ionic liquids. Journal of Mass Spectrometry, 2008, 43, 35-41.	1.6	14
134	Developing Green Chemistry: Organometallic Reactions in Aqueous Media. ACS Symposium Series, 2002, , 166-177.	0.5	12
135	Semi-synthesis and proteasome inhibition of <scp>D</scp>-ring deoxy analogs of (â€“)-epigallocatechin gallate (EGCG), the active ingredient of green tea extract. Canadian Journal of Chemistry, 2008, 86, 495-502.	1.1	12
136	RNA synthesis via dimer and trimer phosphoramidite block coupling. Tetrahedron Letters, 2011, 52, 2575-2578.	1.4	12
137	Disruption of SND1â€“MTDH Interaction by a High Affinity Peptide Results in SND1 Degradation and Cytotoxicity to Breast Cancer Cells In Vitro and In Vivo. Molecular Cancer Therapeutics, 2021, 20, 76-84.	4.1	12
138	Yonemitsu-type condensations catalysed by proline and Eu(OTf)3. RSC Advances, 2014, 4, 47992-47999.	3.6	11
139	Flavonoid Monomers as Potent, Nontoxic, and Selective Modulators of the Breast Cancer Resistance Protein (ABCG2). Journal of Medicinal Chemistry, 2021, 64, 14311-14331.	6.4	11
140	Electrophilic condensation of silyl ethers of homopropargyl alcohols with aldehydes -- regioselective synthesis of dihydropyrans. Tetrahedron Letters, 1989, 30, 4065-4068.	1.4	10
141	Bismuth-mediated reductive dehalogenation of Î±-halocarbonyl compounds. Canadian Journal of Chemistry, 2004, 82, 71-74.	1.1	10
142	Efficient synthesis of the nonamannoside residue of high mannose glycoproteins. Canadian Journal of Chemistry, 2005, 83, 693-701.	1.1	10
143	Computational modeling of the potential interactions of the proteasome Î²5 subunit and catechol-ÎŸ-methyltransferase-resistant EGCG analogs. International Journal of Molecular Medicine, 2010, 26, 209-15.	4.0	10
144	Controlling the selectivity of the manganese/bicarbonate/hydrogen peroxide catalytic system by a biphasic pyrrolidinium ionic liquid/n-heptane medium. Applied Catalysis A: General, 2013, 453, 244-249.	4.3	10

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145	Development of a UPLCâ€“MS/MS bioanalytical method for the pharmacokinetic study of (â^)-epiafzelechin, a flavan-3-ol with osteoprotective activity, in C57BL/6J mice. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 967, 162-167.	2.3	10
146	Synthesis of 8-epi-castanospermine and 6,7,8-tri-epi-castanospermine. Canadian Journal of Chemistry, 2000, 78, 776-783.	1.1	9
147	Organometallic reactions in aqueous media Â— Antimony-mediated allylation of carbonyl compounds and the nature of allylstibine intermediates. Canadian Journal of Chemistry, 2001, 79, 1536-1540.	1.1	9
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