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	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
2	Synthesis of 1,3,4-trisubstituted pyrrolidines as meropenem adjuvants targeting New Delhi metallo-Î²-lactamase. New Journal of Chemistry, 2021, 45, 3515-3534.	2.8	5
3	Amine-Linked Flavonoids as Agents against Cutaneous Leishmaniasis. Antimicrobial Agents and Chemotherapy, 2021, 65, .	3.2	3
4	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
5	An In-Silico, In-Vitro and In-Vivo Combined Approach to Identify NMNATs as Potential Protein Targets of ProEGCG for Treatment of Endometriosis. Frontiers in Pharmacology, 2021, 12, 714790.	3.5	4
6	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
7	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
8	Dibenzoate esters of cis-tetralin-2,3-diol as analogs of (â€“)-epigallocatechin gallate: synthesis and crystal structure of anticancer drug candidates. Acta Crystallographica Section C, Structural Chemistry, 2020, 76, 1085-1095.	0.5	1
9	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
10	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
11	Design, synthesis and antibacterial evaluation of 2,4-disubstituted-6-thiophenyl-pyrimidines. European Journal of Medicinal Chemistry, 2019, 161, 141-153.	5.5	44
12	Discovery of Green Tea Polyphenol-Based Antitumor Drugs: Mechanisms of Action and Clinical Implications. , 2019, , 313-332.		1
13	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
14	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
15	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
16	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
17	Perspectives on the recent developments with green tea polyphenols in drug discovery. Expert Opinion on Drug Discovery, 2018, 13, 643-660.	5.0	29
18	Flavonoid dimers are highly potent killers of multidrug resistant cancer cells overexpressing MRP1. Biochemical Pharmacology, 2017, 124, 10-18.	4.4	27

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19	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
20	(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
21	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
22	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
23	Lessons from Nature: Sources and Strategies for Developing AMPK Activators for Cancer Chemotherapeutics. Anti-Cancer Agents in Medicinal Chemistry, 2015, 15, 657-671.	1.7	9
24	In Vitro and In Vivo Efficacy of Novel Flavonoid Dimers against Cutaneous Leishmaniasis. Antimicrobial Agents and Chemotherapy, 2014, 58, 3379-3388.	3.2	28
25	Yonemitsu-type condensations catalysed by proline and Eu(OTf)3. RSC Advances, 2014, 4, 47992-47999.	3.6	11
26	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
27	Rational Design of Berberine-Based FtsZ Inhibitors with Broad-Spectrum Antibacterial Activity. PLoS ONE, 2014, 9, e97514.	2.5	82
28	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
29	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
30	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
31	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
32	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
33	Semisynthesis of Fluoro-substituted Benzoates of Epi-gallocatechin. Synthetic Communications, 2012, 42, 3524-3531.	2.1	4
34	Chemical synthesis and biological study of 4Î²-carboxymethyl-epiafzelechin acid, an osteoprotective compound from the rhizomes of Drynaria fortunei. MedChemComm, 2012, 3, 801.	3.4	2
35	Inhibitory effect of bortezomib on human multiple myeloma cells when combined with epigallocatechin-gallate (EGCG) analogs. MedChemComm, 2012, 3, 229-232.	3.4	4
36	Validation of the AmpC Î²-Lactamase Binding Site and Identification of Inhibitors with Novel Scaffolds. Journal of Chemical Information and Modeling, 2012, 52, 1367-1375.	5.4	6

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37	Flavonoid Dimers as Novel, Potent Antileishmanial Agents. Journal of Medicinal Chemistry, 2012, 55, 8891-8902.	6.4	33
38	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
39	Recent advances on tea polyphenols. Frontiers in Bioscience - Elite, 2012, E4, 111.	1.8	94
40	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
41	Flavanâ€3â€ol isolated from rhizome of Drynaria fortunei (Kunze) J. Sm. exerts osteoprotective effects via its actions on osteoblastogenesis and osteoclastogenesis. FASEB Journal, 2012, 26, .	0.5	0
42	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
43	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
44	Synthesis of phosphates and phosphatesâ€“acetates hybrids of green tea polyphenol (â^')-epigallocatechine-3-gallate (EGCG) and its G ring deoxy analogs as potential anticancer prodrugs. Tetrahedron Letters, 2011, 52, 5478-5483.	1.4	5
45	RNA synthesis via dimer and trimer phosphoramidite block coupling. Tetrahedron Letters, 2011, 52, 2575-2578.	1.4	12
46	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
47	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
48	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
49	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
50	Stereoselective synthesis of D-Î±-glucopyranosides, di- and tri-saccharides via 6-O-acetyl-glucopyranosyl bromides. Chinese Journal of Chemistry, 2010, 13, 454-459.	4.9	1
51	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
52	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
53	Evaluation of curcumin acetates and amino acid conjugates as proteasome inhibitors. International Journal of Molecular Medicine, 2010, 26, 447-55.	4.0	37
54	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

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55	A novel liquid-phase strategy for organic synthesis using organic ions as soluble supports. Chemical Society Reviews, 2010, 39, 2977.	38.1	66
56	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
57	An Improved Synthesis of 1,4,7-Triazacyclononanes (tacns) and 1,4,7,10-Tetraazacyclododecanes (cyclens). Synthesis, 2009, 2009, 2341-2344.	2.3	0
58	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
59	Flavonoid Dimers as Bivalent Modulators for Pâ€Glycoproteinâ€Based Multidrug Resistance: Structureâ€“Activity Relationships. ChemMedChem, 2009, 4, 594-614.	3.2	45
60	Microwave-assisted solvent-free N-arylation of imidazole and pyrazole. Tetrahedron Letters, 2009, 50, 1286-1289.	1.4	42
61	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
62	Novel Classes of Dimer Antitumour Drug Candidates. Current Pharmaceutical Design, 2009, 15, 659-674.	1.9	25
63	Collisionâ€induced dissociation of sulfurâ€containing imidazolium ionic liquids. Journal of Mass Spectrometry, 2008, 43, 35-41.	1.6	14
64	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
65	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
66	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
67	Zwitterionic Phosphonium Sulfonates as Easily Phase-Separable Ion-Tagged Wittig Reagents. Journal of Organic Chemistry, 2008, 73, 8583-8586.	3.2	29
68	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
69	Enantioselective Synthesis and Proteasome Inhibition of A-Ring Analogs of (-)-Epigallocatechin Gallate (EGCG), the Active Ingredient of Green Tea Extract. Heterocycles, 2008, 76, 485.	0.7	8
70	Flavonoid Dimers as Bivalent Modulators for Pentamidine and Sodium Stiboglucanate Resistance in Leishmania. Antimicrobial Agents and Chemotherapy, 2007, 51, 930-940.	3.2	46
71	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
72	Structurally Defined Imidazolium-Type Ionic Oligomers as Soluble/Solid Support for Peptide Synthesis. Organic Letters, 2007, 9, 2681-2684.	4.6	45

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73	Ion-tagged synthesis of an oligoribonucleotide pentamer â€" The continuing versatility of TBDMS chemistry. Canadian Journal of Chemistry, 2007, 85, 274-282.	1.1	7
74	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
75	Synthetic and Mechanistic Studies of Indium-Mediated Allylation of Imines in Ionic Liquids. Journal of Organic Chemistry, 2007, 72, 923-929.	3.2	44
76	Methylation suppresses the proteasome-inhibitory function of green tea polyphenols. Journal of Cellular Physiology, 2007, 213, 252-260.	4.1	71
77	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
78	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
79	An environmentally benign catalytic system for alkene epoxidation with hydrogen peroxide electrogenerated in situ. Green Chemistry, 2006, 8, 900.	9.0	24
80	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
81	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
82	The proteasome as a potential target for novel anticancer drugs and chemosensitizers. Drug Resistance Updates, 2006, 9, 263-273.	14.4	151
83	Ionic-Liquid-Supported Synthesis:â€‰ A Novel Liquid-Phase Strategy for Organic Synthesis. Accounts of Chemical Research, 2006, 39, 897-908.	15.6	411
84	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
85	Indirect catalytic epoxidation with hydrogen peroxide electrogenerated in ionic liquids. Tetrahedron, 2006, 62, 6650-6658.	1.9	28
86	New non-volatile and odorless organosulfur compounds anchored on ionic liquids. Recyclable reagents for Swern oxidation. Tetrahedron, 2006, 62, 3389-3394.	1.9	32
87	Regiospecific and enantioselective synthesis of methylated metabolites of tea catechins. Tetrahedron, 2006, 62, 5897-5904.	1.9	37
88	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
89	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
90	Structureâ€"activity study of epi-gallocatechin gallate (EGCG) analogs as proteasome inhibitors. Bioorganic and Medicinal Chemistry, 2005, 13, 2177-2185.	3.0	55

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91	Synthesis of (Â±)-5â€²-methoxyhydnocarpin-D, an inhibitor of the Staphylococcus aureus multidrug resistance pump. Tetrahedron, 2005, 61, 4149-4156.	1.9	8
92	A chemoenzymic approach to the epoxidation of alkenes in aqueous media. Tetrahedron, 2005, 61, 6009-6014.	1.9	22
93	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
94	Efficient synthesis of the nonamannoside residue of high mannose glycoproteins. Canadian Journal of Chemistry, 2005, 83, 693-701.	1.1	10
95	Theoretical Study of the Intrinsic Reactivities of Various Allylmetals toward Carbonyls and Water. Organometallics, 2005, 24, 1598-1607.	2.3	21
96	Ionic-Liquid-Supported Peptide Synthesis Demonstrated by the Synthesis of Leu5-enkephalin. Journal of Organic Chemistry, 2005, 70, 3251-3255.	3.2	89
97	Formation and Reactions of Alkylzinc Reagents in Room-Temperature Ionic Liquids. Journal of Organic Chemistry, 2005, 70, 10434-10439.	3.2	14
98	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
99	An Expedient Synthesis of Monodispersed Oligo(ethylene glycols). Synthesis, 2004, 2004, 1007-1010.	2.3	1
100	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
101	Iron-mediated allylation of aryl aldehydes in aqueous media. Tetrahedron Letters, 2004, 45, 4189-4191.	1.4	26
102	Organometallic reactions in ionic liquids. Alkylation of aldehydes with diethylzinc. Green Chemistry, 2004, 6, 241.	9.0	26
103	Experimental and Theoretical Studies of the Propargyl-Allenylindium System. Journal of the American Chemical Society, 2004, 126, 13326-13334.	13.7	53
104	Study of the green tea polyphenols catechin-3-gallate (CG) and epicatechin-3-gallate (ECG) as proteasome inhibitors. Bioorganic and Medicinal Chemistry, 2004, 12, 3521-3521.	3.0	3
105	Bismuth-mediated reductive dehalogenation of Î±-halocarbonyl compounds. Canadian Journal of Chemistry, 2004, 82, 71-74.	1.1	10
106	Enantioselective synthesis of afzelechin and epiafzelechin. Tetrahedron, 2004, 60, 8207-8211.	1.9	38
107	Structure-activity relationships of synthetic analogs of (-)-epigallocatechin-3-gallate as proteasome inhibitors. Anticancer Research, 2004, 24, 943-54.	1.1	58
108	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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109	Manganese/Bicarbonate-Catalyzed Epoxidation of Lipophilic Alkenes with Hydrogen Peroxide in Ionic Liquids. Organic Letters, 2003, 5, 3423-3425.	4.6	69
110	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
111	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
112	Organometallic reactions in aqueous media Â— Bismuth-mediated crossed aldol type reactions. Canadian Journal of Chemistry, 2003, 81, 1406-1412.	1.1	7
113	Developing Green Chemistry: Organometallic Reactions in Aqueous Media. ACS Symposium Series, 2002, , 166-177.	0.5	12
114	Solvent-free route to ionic liquid precursors using a water-moderated microwave process. Green Chemistry, 2002, 4, 328-330.	9.0	52
115	Metal mediated allylation of carbonyl compounds in ionic liquids. Green Chemistry, 2002, 4, 161-164.	9.0	35
116	Synthetic Analogs of Green Tea Polyphenols as Proteasome Inhibitors. Molecular Medicine, 2002, 8, 382-392.	4.4	110
117	Synthetic analogs of green tea polyphenols as proteasome inhibitors. Molecular Medicine, 2002, 8, 382-92.	4.4	47
118	Enantioselective Synthesis of Epigallocatechin-3-gallate (EGCG), the Active Polyphenol Component from Green Tea. Organic Letters, 2001, 3, 739-741.	4.6	91
119	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
120	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
121	Organometallic reactions in aqueous media. Antimony-mediated allylation of carbonyl compounds with fluoride salts. Tetrahedron Letters, 2000, 41, 5009-5012.	1.4	41
122	Synthesis of 8-epi-castanospermine and 6,7,8-tri-epi-castanospermine. Canadian Journal of Chemistry, 2000, 78, 776-783.	1.1	9
123	Organometallic Reactions in Aqueous Media. Indium- and Zinc-Mediated Allylation of Sulfonimines1. Journal of Organic Chemistry, 2000, 65, 8589-8594.	3.2	87
124	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
125	Organometallic Reactions in Aqueous Media. Indium-Mediated 1,3-Butadien-2-ylation of Carbonyl Compounds. Organic Letters, 2000, 2, 3469-3471.	4.6	43
126	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

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127	Organometallic reactions in aqueous media. Allylation of aldehydes with diallylmercury or allylmercury bromide. Tetrahedron Letters, 1999, 40, 3863-3866.	1.4	24
128	Organic syntheses using indium-mediated and catalyzed reactions in aqueous media. Tetrahedron, 1999, 55, 11149-11176.	1.9	522
129	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
130	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
131	Organometallic-type reactions in aqueous media. Wurtz-coupling of alkyl halides with manganese/cupric chloride. Tetrahedron Letters, 1998, 39, 2499-2502.	1.4	44
132	: A mild reagent for the regioselective reductive ring opening of benzylidene acetals in carbohydrates. Tetrahedron Letters, 1998, 39, 355-358.	1.4	140
133	Organometallic reactions in aqueous media. Indium-mediated allylation of sulfonimines. Tetrahedron Letters, 1998, 39, 8605-8608.	1.4	79
134	Regioselective Acylation of Hexopyranosides with Pivaloyl Chloride. Journal of Organic Chemistry, 1998, 63, 6035-6038.	3.2	84
135	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
136	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
137	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
138	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
139	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
140	(Trimethylstannyl)vinyl Cuprates:Â Generation and Conjugate Addition Reactions. Journal of Organic Chemistry, 1996, 61, 5406-5413.	3.2	20
141	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
142	A C60-derivatized dipeptide. Tetrahedron Letters, 1995, 36, 431-434.	1.4	21
143	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
144	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

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145	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
146	Study on the alkylation reaction of guanine and Nâ€acetylguanine and the synthesis of 1â€²â€C alkylated carbaâ€DHPG analogues. Chinese Journal of Chemistry, 1994, 12, 85-94.	4.9	1
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