

Jim-Min Fang

List of Publications by Year in descending order

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244
papers

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citations

31949

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77
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262
all docs

262
docs citations

262
times ranked

9728
citing authors

#	ARTICLE	IF	CITATIONS
1	Small molecules targeting severe acute respiratory syndrome human coronavirus. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10012-10017.	3.3	458
2	Synthesis of Tamiflu and its Phosphonate Congeners Possessing Potent Anti-Influenza Activity. Journal of the American Chemical Society, 2007, 129, 11892-11893.	6.6	200
3	Epithelial-mesenchymal transition (EMT) beyond EGFR mutations per se is a common mechanism for acquired resistance to EGFR TKI. Oncogene, 2019, 38, 455-468.	2.6	165
4	Structure and bioactivity of the polysaccharides in medicinal plant Dendrobium huoshanense. Bioorganic and Medicinal Chemistry, 2008, 16, 6054-6068.	1.4	148
5	Direct Conversion of Aldehydes to Amides, Tetrazoles, and Triazines in Aqueous Media by One-Pot Tandem Reactions. Journal of Organic Chemistry, 2003, 68, 1158-1160.	1.7	144
6	A Novel Phosphate Chemosensor Utilizing Anion-Induced Fluorescence Change. Organic Letters, 2002, 4, 561-564.	2.4	137
7	Microwave-Assisted One-Pot Tandem Reactions for Direct Conversion of Primary Alcohols and Aldehydes to Triazines and Tetrazoles in Aqueous Media. Journal of Organic Chemistry, 2007, 72, 3141-3144.	1.7	117
8	A Concise and Flexible Synthesis of the Potent Anti-Influenza Agents Tamiflu and Tamiphosphor. Angewandte Chemie - International Edition, 2008, 47, 5788-5791.	7.2	113
9	Stable Benzotriazole Esters as Mechanism-Based Inactivators of the Severe Acute Respiratory Syndrome 3CL Protease. Chemistry and Biology, 2006, 13, 261-268.	6.2	112
10	Direct transformation of aldehydes to nitriles using iodine in ammonia water. Tetrahedron Letters, 2001, 42, 1103-1105.	0.7	108
11	SYNTHESIS OF XANTHENES, INDANES, AND TETRAHYDRONAPHTHALENES VIA INTRAMOLECULAR PHENYL-CARBONYL COUPLING REACTIONS. Synthetic Communications, 2001, 31, 877-892.	1.1	106
12	Pyreno[2,1-b]pyrrole and Bis(pyreno[2,1-b]pyrrole) as Selective Chemosensors of Fluoride Ion: A Mechanistic Study. Journal of Organic Chemistry, 2007, 72, 3537-3542.	1.7	106
13	Uncommon diterpenes with the skeleton of six-five-six fused-rings from Taiwan cryptomerioides. Phytochemistry, 1995, 40, 871-873.	1.4	103
14	Inhibition of the severe acute respiratory syndrome 3CL protease by peptidomimetic α,β -unsaturated esters. Bioorganic and Medicinal Chemistry, 2005, 13, 5240-5252.	1.4	97
15	Fluorescent and Circular Dichroic Detection of Monosaccharides by Molecular Sensors: α -Bis[(Pyrrolyl)ethynyl]naphthyridine and Bis[(Indolyl)ethynyl]naphthyridine. Journal of the American Chemical Society, 2004, 126, 3559-3566.	6.6	94
16	An Azido-BODIPY Probe for Glycosylation: Initiation of Strong Fluorescence upon Triazole Formation. Journal of the American Chemical Society, 2014, 136, 9953-9961.	6.6	90
17	Discovery of Potent Anilide Inhibitors against the Severe Acute Respiratory Syndrome 3CL Protease. Journal of Medicinal Chemistry, 2005, 48, 4469-4473.	2.9	88
18	Production of Antibodies for Selective Detection of Malachite Green and the Related Triphenylmethane Dyes in Fish and Fishpond Water. Journal of Agricultural and Food Chemistry, 2007, 55, 8851-8856.	2.4	88

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19	Two-Arm Ferrocene Amide Compounds: Synclinal Conformations for Selective Sensing of Dihydrogen Phosphate Ion. <i>Organic Letters</i> , 2003, 5, 1821-1824.	2.4	87
20	Free radical type addition of toluenesulfonyl cyanide to unsaturated hydrocarbons. <i>Tetrahedron Letters</i> , 1987, 28, 2853-2856.	0.7	86
21	Probing Lectin and Sperm with Carbohydrate-Modified Quantum Dots. <i>ChemBioChem</i> , 2005, 6, 1899-1905.	1.3	85
22	A Practical Synthesis of Zanamivir Phosphonate Congeners with Potent Anti-influenza Activity. <i>Journal of the American Chemical Society</i> , 2011, 133, 17959-17965.	6.6	83
23	Abietanes and kauranes from leaves of <i>Cryptomeria japonica</i> . <i>Phytochemistry</i> , 1994, 35, 1279-1284.	1.4	82
24	Diterpenes and related cycloadducts from <i>Taiwania cryptomerioides</i> . <i>Phytochemistry</i> , 1996, 42, 1657-1663.	1.4	82
25	Sesquiterpenes from leaves of <i>Cryptomeria japonica</i> . <i>Phytochemistry</i> , 1995, 39, 603-607.	1.4	80
26	Design, synthesis, and evaluation of 3C protease inhibitors as anti-enterovirus 71 agents. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 7388-7398.	1.4	78
27	Development of effective anti-influenza drugs: congeners and conjugates – a review. <i>Journal of Biomedical Science</i> , 2019, 26, 84.	2.6	78
28	Synthesis of β -galactosyl ceramide and the related glycolipids for evaluation of their activities on mouse splenocytes. <i>Tetrahedron</i> , 2005, 61, 1855-1862.	1.0	77
29	Neuroprotective Principles from <i>Gastrodia elata</i> . <i>Journal of Natural Products</i> , 2007, 70, 571-574.	1.5	75
30	Two-Stage Sensing Property via a Conjugated Donor-Acceptor-Donor Constitution: Application to the Visual Detection of Mercuric Ion. <i>Journal of Organic Chemistry</i> , 2005, 70, 5827-5832.	1.7	74
31	Preparation of Optically Active Tertiary Alcohols by Enzymatic Methods. Application to the Synthesis of Drugs and Natural Products. <i>Journal of Organic Chemistry</i> , 1997, 62, 4349-4357.	1.7	73
32	Fluorescent Organic Nanoparticles of Benzofuran-Naphthyridine Linked Molecules: Formation and Fluorescence Enhancement in Aqueous Media. <i>Organic Letters</i> , 2006, 8, 3713-3716.	2.4	73
33	A New Drug Design Targeting the Adenosinergic System for Huntington's Disease. <i>PLoS ONE</i> , 2011, 6, e20934.	1.1	73
34	Evidence for the necessity of double bond (13-ene) isomerization in the proton pumping of bacteriorhodopsin. <i>Journal of the American Chemical Society</i> , 1983, 105, 5162-5164.	6.6	72
35	Samarium Ion-Promoted Cross-Aldol Reactions and Tandem Aldol/Evans-Tishchenko Reactions. <i>Journal of Organic Chemistry</i> , 1999, 64, 843-853.	1.7	72
36	Rapid and specific influenza virus detection by functionalized magnetic nanoparticles and mass spectrometry. <i>Journal of Nanobiotechnology</i> , 2011, 9, 52.	4.2	71

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37	Conjugate addition of dithianylidene anions to $\hat{1}\pm, \hat{1}^2$ -unsaturated ketones. An application to the total synthesis of ($\hat{A}\pm$)-aromatin and ($\hat{A}\pm$)-confertin. <i>Journal of the American Chemical Society</i> , 1982, 104, 7174-7181.	6.6	70
38	Stereoselective Synthesis of $\hat{1}$ -Lactones from 5-Oxoalkanals via One-Pot Sequential Acetalization, Tishchenko Reaction, and Lactonization by Cooperative Catalysis of Samarium Ion and Mercaptan. <i>Journal of Organic Chemistry</i> , 2001, 66, 8573-8584.	1.7	69
39	Design and Synthesis of Dual-Action Inhibitors Targeting Histone Deacetylases and 3-Hydroxy-3-methylglutaryl Coenzyme A Reductase for Cancer Treatment. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 3645-3655.	2.9	66
40	Enzymes in organic synthesis: oxidoreductions. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995, , 967.	0.9	64
41	Novel linear hexanuclear cobalt string complexes ($\text{Co}_6\text{12}^+$) and one-electron reduction products ($\text{Co}_6\text{11}^+$) supported by four bpyany $^2?$ ligands. <i>Dalton Transactions</i> , 2006, , 2106.	1.6	64
42	Cell-permeable probe for identification and imaging of sialidases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 2466-2471.	3.3	61
43	Terpenoids from leaves of <i>Calocedrus formosana</i> . <i>Phytochemistry</i> , 1989, 28, 1173-1175.	1.4	60
44	Pinane-Type Tridentate Reagents for Enantioselective Reactions: \hat{A} Reduction of Ketones and Addition of Diethylzinc to Aldehydes. <i>Journal of Organic Chemistry</i> , 1999, 64, 3207-3212.	1.7	58
45	Reductions, Reductive Alkylations, and Intramolecular Cyclizations of Acyl Silanes with Samarium Diiodide or Tributyltin Hydride. <i>Journal of Organic Chemistry</i> , 1996, 61, 1794-1805.	1.7	57
46	Analogues of zanamivir with modified C4-substituents as the inhibitors against the group-1 neuraminidases of influenza viruses. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 4074-4084.	1.4	57
47	Activation of AMP-activated protein kinase $\hat{1}\pm 1$ mediates mislocalization of TDP-43 in amyotrophic lateral sclerosis. <i>Human Molecular Genetics</i> , 2015, 24, 787-801.	1.4	57
48	Tumor Cells Require Thymidylate Kinase to Prevent dUTP Incorporation during DNA Repair. <i>Cancer Cell</i> , 2012, 22, 36-50.	7.7	56
49	A New Route to Deoxythio sugars Based on Aldolases. <i>Journal of the American Chemical Society</i> , 1994, 116, 6191-6194.	6.6	55
50	Terpenes from heartwood of <i>Juniperus chinensis</i> . <i>Phytochemistry</i> , 1996, 41, 1361-1365.	1.4	55
51	Asymmetric Addition of Trimethylsilyl Cyanide to Benzaldehydes Catalyzed by Samarium(III) Chloride and Chiral Phosphorus(V) Reagents. <i>Journal of Organic Chemistry</i> , 1998, 63, 1356-1359.	1.7	55
52	Reduction and Coupling Reactions of Carbonyl Compounds Using Samarium Metal in Aqueous Media. <i>Journal of Organic Chemistry</i> , 2001, 66, 330-333.	1.7	55
53	Weak antiferromagnetic coupling for novel linear hexanuclear nickel(ii) string complexes ($\text{Ni}_6\text{12}^+$) and partial metal \hat{A} metal bonds in their one-electron reduction products ($\text{Ni}_6\text{11}^+$). <i>Dalton Transactions</i> , 2006, , 3249-3256.	1.6	55
54	Diterpenoids from leaves of <i>Cryptomeria japonica</i> . <i>Phytochemistry</i> , 1996, 41, 255-261.	1.4	54

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55	Using Molecular Iodine in Direct Oxidative Condensation of Aldoses with Diamines: An Improved Synthesis of Aldo-benzimidazoles and Aldo-naphthimidazoles for Carbohydrate Analysis. <i>Journal of Organic Chemistry</i> , 2008, 73, 3848-3853.	1.7	54
56	Regioselective synthesis of di-C-glycosylflavones possessing anti-inflammation activities. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 4451.	1.5	53
57	6,8-Di-C-glycosyl Flavonoids from <i>Dendrobium huoshanense</i> . <i>Journal of Natural Products</i> , 2010, 73, 229-232.	1.5	52
58	Terpenes and lignans from leaves of <i>Chamaecyparis formosensis</i> . <i>Phytochemistry</i> , 1999, 51, 793-801.	1.4	51
59	Structural basis of mercury- and zinc-conjugated complexes as SARS-CoV 3C-like protease inhibitors. <i>FEBS Letters</i> , 2007, 581, 5454-5458.	1.3	51
60	Synergistic Effect of Zanamivir-Porphyrin Conjugates on Inhibition of Neuraminidase and Inactivation of Influenza Virus. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 4903-4910.	2.9	50
61	Chemical constituents of <i>Plectranthus amboinicus</i> and the synthetic analogs possessing anti-inflammatory activity. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 1766-1772.	1.4	50
62	Serratene triterpenes from <i>Pinus armandii</i> bark. <i>Phytochemistry</i> , 1991, 30, 1333-1336.	1.4	49
63	A Stereoselective Route to Polysubstituted Tetrahydroquinolines by Benzotriazole-Promoted Condensation of Aliphatic Aldehydes and Aromatic Amines. <i>Journal of Organic Chemistry</i> , 2000, 65, 3148-3153.	1.7	49
64	Synthesis and Evaluation of a New Fluorescent Transglycosylase Substrate: Lipid II-Based Molecule Possessing a Dansyl-C20 Polyprenyl Moiety. <i>Organic Letters</i> , 2010, 12, 1608-1611.	2.4	49
65	Phenyl Carbonyl Coupling Reactions Promoted by Samarium Diiodide and Hexamethylphosphoramide. <i>Journal of Organic Chemistry</i> , 1997, 62, 4643-4649.	1.7	48
66	2,7-Bis(1H-pyrrol-2-yl)ethynyl-1,8-naphthyridine: An Ultrasensitive Fluorescent Probe for Glucopyranoside. <i>Organic Letters</i> , 2002, 4, 3107-3110.	2.4	48
67	Samarium diiodide / hexamethylphosphoramide promoted dimerization of benzaldehydes. <i>Tetrahedron Letters</i> , 1993, 34, 335-338.	0.7	47
68	Nucleophilic-type radical cyclizations of indoles: conversion of 2-cyano 3-substituted indoles to spiro-annulated indolines and tetrahydrocarbazolones. <i>Journal of Organic Chemistry</i> , 1993, 58, 3100-3105.	1.7	47
69	Diterpenes from <i>Taxus mairei</i> . <i>Phytochemistry</i> , 1998, 49, 2037-2043.	1.4	47
70	Development of Oseltamivir Phosphonate Congeners as Anti-influenza Agents. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 8657-8670.	2.9	47
71	Phospholipid-Induced Aggregation and Anthracene Excimer Formation. <i>Organic Letters</i> , 2008, 10, 4401-4404.	2.4	46
72	Adenosine Augmentation Evoked by an ENT1 Inhibitor Improves Memory Impairment and Neuronal Plasticity in the APP/PS1 Mouse Model of Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2018, 55, 8936-8952.	1.9	46

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73	Dichotomous regiochemistry of aldehyde and ketone in the reaction with dithio-substituted crotyllithium. <i>Journal of Organic Chemistry</i> , 1987, 52, 855-861.	1.7	44
74	Enzymes in Organic Synthesis: Alteration of Reversible Reactions to Irreversible Processes. <i>Synlett</i> , 1994, 1994, 393-402.	1.0	43
75	Steroids and triterpenoids from <i>Rosa laevigata</i> . <i>Phytochemistry</i> , 1991, 30, 3383-3387.	1.4	42
76	Direct Amidation of Aldoses and Decarboxylative Amidation of α -Keto Acids: An Efficient Conjugation Method for Unprotected Carbohydrate Molecules. <i>Journal of Organic Chemistry</i> , 2009, 74, 1549-1556.	1.7	40
77	New Continuous Fluorometric Assay for Bacterial Transglycosylase Using Förster Resonance Energy Transfer. <i>Journal of the American Chemical Society</i> , 2013, 135, 17078-17089.	6.6	40
78	Hexacarboyclic triterpenes from leaves of <i>Cryptomeria japonica</i> . <i>Phytochemistry</i> , 1993, 34, 779-782.	1.4	39
79	Terpenoids and flavonoids from <i>Pseudotsuga wilsoniana</i> . <i>Phytochemistry</i> , 1998, 47, 845-850.	1.4	39
80	Diterpenoids and steroids from <i>Taiwania cryptomerioides</i> . <i>Phytochemistry</i> , 1998, 48, 1391-1397.	1.4	39
81	A Fluorescence Sensor for Detection of Geranyl Pyrophosphate by the Chemo-Ensemble Method. <i>Journal of Organic Chemistry</i> , 2009, 74, 895-898.	1.7	39
82	Lignans from <i>Taiwania cryptomerioides</i> . <i>Phytochemistry</i> , 1999, 50, 653-658.	1.4	38
83	Synthesis of Polysubstituted Benzothiophenes and Sulfur-Containing Polycyclic Aromatic Compounds via Samarium Diiodide Promoted Three-Component Coupling Reactions of Thiophene-2-carboxylate. <i>Journal of Organic Chemistry</i> , 2002, 67, 5208-5215.	1.7	38
84	Rhodopsin activation: a novel view suggested by in vivo <i>Chlamydomonas</i> experiments. <i>Journal of the American Chemical Society</i> , 1988, 110, 6588-6589.	6.6	36
85	Lignans from leaves of <i>Calocedrus formosana</i> . <i>Phytochemistry</i> , 1989, 28, 3553-3555.	1.4	36
86	A concise route to phytosphingosine from lyxose. <i>Tetrahedron Letters</i> , 2003, 44, 5281-5283.	0.7	36
87	Tracking and Finding Slowly Proliferating/Quiescent Cancer Stem Cells with Fluorescent Nanodiamonds. <i>Small</i> , 2015, 11, 4394-4402.	5.2	36
88	Regio-, stereo-, and enantioselectivity in the electrophilic reactions of 2-amino-4-phenyl-3-butenitriles. <i>Journal of Organic Chemistry</i> , 1993, 58, 1754-1761.	1.7	35
89	Abietanes from leaves of <i>Juniperus chinensis</i> . <i>Phytochemistry</i> , 1994, 35, 983-986.	1.4	35
90	Nanowire Transistor-Based Ultrasensitive Virus Detection with Reversible Surface Functionalization. <i>Chemistry - an Asian Journal</i> , 2012, 7, 2073-2079.	1.7	35

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91	Diterpenoid acids from the leaves of armand pine. <i>Phytochemistry</i> , 1991, 30, 2793-2795.	1.4	34
92	Indolecarbonyl Coupling Reactions Promoted by Samarium Diiodide. Application to the Synthesis of Indole-Fused Compounds. <i>Journal of Organic Chemistry</i> , 1998, 63, 2909-2917.	1.7	34
93	Lignans, Flavonoids and Phenolic Derivatives from <i>Taxus mairei</i> . <i>Journal of the Chinese Chemical Society</i> , 1999, 46, 811-818.	0.8	34
94	Enhanced Anti-influenza Agents Conjugated with Anti-inflammatory Activity. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 8493-8501.	2.9	34
95	Taxanes from <i>Taxus mairei</i> . <i>Phytochemistry</i> , 1996, 43, 839-842.	1.4	33
96	Flavonoids and stilbenes from armand pine. <i>Phytochemistry</i> , 1988, 27, 1395-1397.	1.4	32
97	Synthesis of Ferrocenyl Alkenes, Dienes, and Enynes via Samarium Diiodide Promoted Tandem Addition and Dehydration of Ferrocenyl Carbonyls with Halides. <i>Journal of Organic Chemistry</i> , 2001, 66, 3533-3537.	1.7	32
98	Peramivir Phosphonate Derivatives as Influenza Neuraminidase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 5297-5310.	2.9	31
99	Diterpenes from Pericarps of <i>Chamaecyparis formosensis</i> . <i>Journal of Natural Products</i> , 1995, 58, 1592-1595.	1.5	30
100	(+)-Calocedrin, a lignan dihydroanhydride from <i>Calocedrus formosana</i> . <i>Phytochemistry</i> , 1985, 24, 1863-1864.	1.4	29
101	Lignans from wood of <i>Calocedrus formosana</i> . <i>Phytochemistry</i> , 1990, 29, 3048-3049.	1.4	29
102	Palladium-catalysed regioselective cyclisation of unsaturated bromoanilinoalkenenitriles. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 2629.	2.0	29
103	Properties of Astaxanthin/Ca ²⁺ Complex Formation in the Deceleration of Cis/Trans Isomerization. <i>Organic Letters</i> , 2007, 9, 2985-2988.	2.4	29
104	Prevention of Colitis and Colitis-Associated Colorectal Cancer by a Novel Polypharmacological Histone Deacetylase Inhibitor. <i>Clinical Cancer Research</i> , 2016, 22, 4158-4169.	3.2	29
105	Purine-Type Compounds Induce Microtubule Fragmentation and Lung Cancer Cell Death through Interaction with Katanin. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 8521-8534.	2.9	29
106	Highly Fluorescent Pyreno[2,1-b]pyrroles: First Syntheses, Crystal Structure, and Intriguing Photophysical Properties. <i>Journal of Organic Chemistry</i> , 2004, 69, 6674-6678.	1.7	28
107	Dual Targeting of 3-Hydroxy-3-methylglutaryl Coenzyme A Reductase and Histone Deacetylase as a Therapy for Colorectal Cancer. <i>EBioMedicine</i> , 2016, 10, 124-136.	2.7	28
108	Ethynyl-Linked (Pyreno)pyrrole-Naphthyridine and Aniline-Naphthyridine Molecules as Fluorescent Sensors of Guanine via Multiple Hydrogen Bondings. <i>Journal of Organic Chemistry</i> , 2007, 72, 117-122.	1.7	27

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109	Solid-Phase Organic Synthesis of Polyisoprenoid Alcohols with Traceless Sulfone Linker. <i>Journal of Organic Chemistry</i> , 2008, 73, 7197-7203.	1.7	27
110	T1-11 and JMF1907 ameliorate polyglutamine-expanded ataxin-3-induced neurodegeneration, transcriptional dysregulation and ataxic symptom in the SCA3 transgenic mouse. <i>Neuropharmacology</i> , 2015, 99, 308-317.	2.0	27
111	Flavonoids from <i>Pinus morrisonicola</i> . <i>Phytochemistry</i> , 1987, 26, 2559-2561.	1.4	26
112	Samarium(II) iodide-promoted hydroxyalkylations of indole 3-carbonyls. An expedient approach to pyrrolidino[1,2-a]indoles and furo[3,4-b]indoles. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 1277.	2.0	26
113	Liquid-Phase Combinatorial Synthesis of 1,4-Benzodiazepine-2,5-diones as the Candidates of Endothelin Receptor Antagonism. <i>ACS Combinatorial Science</i> , 2004, 6, 99-104.	3.3	26
114	Synthesis and Bioactivity of 1,4-Linked Oligomannoses and Partially Acetylated Derivatives. <i>Journal of Organic Chemistry</i> , 2013, 78, 6390-6411.	1.7	26
115	From neuraminidase inhibitors to conjugates: a step towards better anti-influenza drugs?. <i>Future Medicinal Chemistry</i> , 2014, 6, 757-774.	1.1	26
116	Nanoparticle composite TPNT1 is effective against SARS-CoV-2 and influenza viruses. <i>Scientific Reports</i> , 2021, 11, 8692.	1.6	26
117	Michael reactions in aprotic media. An effective method for construction of α,α,β -trisubstituted ketones and application to natural product synthesis. <i>Journal of Organic Chemistry</i> , 1982, 47, 3464-3470.	1.7	25
118	Tamiphosphor monoesters as effective anti-influenza agents. <i>European Journal of Medicinal Chemistry</i> , 2014, 81, 106-118.	2.6	25
119	A new pinane-type tridentate modifier for asymmetric reduction of ketones with lithium aluminum hydride. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 89-92.	1.8	24
120	Stereoselective Synthesis of Neu5Ac(2 \rightarrow 5)Neu5Gc: The Building Block of Oligo/Poly(5-Oglycolyl)Neu5Gc(2 \rightarrow) Chains in Sea Urchin Egg Cell Surface Glycoprotein. <i>Journal of Organic Chemistry</i> , 2002, 67, 7565-7568.	1.7	24
121	In vitro evaluation of neuraminidase inhibitors using the neuraminidase-dependent release assay of hemagglutinin-pseudotyped viruses. <i>Antiviral Research</i> , 2008, 79, 199-205.	1.9	24
122	Tagging saccharides for signal enhancement in mass spectrometric analysis. <i>Journal of Mass Spectrometry</i> , 2011, 46, 247-255.	0.7	24
123	Acyguanidine derivatives of zanamivir and oseltamivir: Potential orally available prodrugs against influenza viruses. <i>European Journal of Medicinal Chemistry</i> , 2018, 154, 314-323.	2.6	24
124	Abeo-taxanes from <i>Taxus mairei</i> . <i>Phytochemistry</i> , 1999, 50, 127-130.	1.4	23
125	Practical synthesis of potential endothelin receptor antagonists of 1,4-benzodiazepine-2,5-dione derivatives bearing substituents at the C3-, N1- and N4-positions. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 510-518.	1.5	23
126	A mammalian cell-based reverse two-hybrid system for functional analysis of 3C viral protease of human enterovirus 71. <i>Analytical Biochemistry</i> , 2008, 375, 115-123.	1.1	23

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127	Flash synthesis of carbohydrate derivatives in chaotic microreactors. <i>Chemical Engineering Journal</i> , 2011, 174, 421-424.	6.6	22
128	Intramolecular ion-pair prodrugs of zanamivir and guanidino-oseltamivir. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 4796-4802.	1.4	22
129	A Study of the Constituents of the Bark of <i>Chamaecyparis Formosensis</i> Matsum. <i>Journal of the Chinese Chemical Society</i> , 1986, 33, 245-249.	0.8	21
130	Terpenoids from <i>Calocedrus formosana</i> . <i>Phytochemistry</i> , 1987, 26, 853-854.	1.4	21
131	Use of .alpha.-anilino dienenitriles as nucleophiles in cycloadditions. <i>Journal of Organic Chemistry</i> , 1989, 54, 477-481.	1.7	21
132	An asymmetric synthesis of crobarbatic acid. <i>Journal of Organic Chemistry</i> , 1992, 57, 2937-2941.	1.7	21
133	Preparation and Catalytic Enantioselective Reactions of C_3 -Symmetric Tris(Oxazoline)s Derived from Kemp's Triacid. <i>Synthetic Communications</i> , 2000, 30, 1627-1641.	1.1	21
134	Polymer-Supported Benzotriazoles as Catalysts in the Synthesis of Tetrahydroquinolines by Condensation of Aldehydes with Aromatic Amines. <i>ACS Combinatorial Science</i> , 2001, 3, 341-345.	3.3	21
135	Design and Synthesis of Novel Dual-Action Compounds Targeting the Adenosine A_2A Receptor and Adenosine Transporter for Neuroprotection. <i>ChemMedChem</i> , 2011, 6, 1390-1400.	1.6	21
136	Regio- and diastereoselective reactions of dithio-substituted crotyllithium and aldehydes. <i>Journal of Organic Chemistry</i> , 1986, 51, 2828-2829.	1.7	20
137	Boron trifluoride promoted reaction of dithio-substituted allylic anions and cyclic ethers. <i>Tetrahedron Letters</i> , 1988, 29, 5939-5940.	0.7	20
138	Reductive double electrophilic reactions of methyl thiophenecarboxylate mediated by samarium diiodide and hexamethylphosphoramide. <i>Tetrahedron Letters</i> , 1997, 38, 1589-1592.	0.7	20
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