

# Lin Yuan

## List of Publications by Year in descending order

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110  
papers

2,015  
citations

257450  
24  
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330143  
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111  
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docs citations

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times ranked

2783  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnesium dicarboxylates promote the prenylation of phenolics that is extended to the total synthesis of icaritin. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 1117-1124.	2.8	4
2	Self-assembly of nanomicelles with rationally designed multifunctional building blocks for synergistic chemo-photodynamic therapy. <i>Theranostics</i> , 2022, 12, 2028-2040.	10.0	12
3	Identification of Pyruvate Carboxylase as the Cellular Target of Natural Bibenzyls with Potent Anticancer Activity against Hepatocellular Carcinoma via Metabolic Reprogramming. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 460-484.	6.4	14
4	A small molecule inhibitor of caspase-1 inhibits NLRP3 inflammasome activation and pyroptosis to alleviate gouty inflammation. <i>Immunology Letters</i> , 2022, 244, 28-39.	2.5	12
5	Hexachlorophene, a selective SHP2 inhibitor, suppresses proliferation and metastasis of KRAS-mutant NSCLC cells by inhibiting RAS/MEK/ERK and PI3K/AKT signaling pathways. <i>Toxicology and Applied Pharmacology</i> , 2022, 441, 115988.	2.8	7
6	Discovery of diarylheptanoids that activate $\hat{I}\pm 7$ nAChR-JAK2-STAT3 signaling in macrophages with anti-inflammatory activity in vitro and in vivo. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 66, 116811.	3.0	2
7	Discovery of a Novel Small-Molecule Inhibitor Disrupting TRBP $\hat{A}$ €“Dicer Interaction against Hepatocellular Carcinoma via the Modulation of microRNA Biogenesis. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 11010-11033.	6.4	4
8	Engineering endogenous l-proline biosynthetic pathway to boost trans-4-hydroxy-l-proline production in <i>Escherichia coli</i> . <i>Journal of Biotechnology</i> , 2021, 329, 104-117.	3.8	5
9	A 2-Benzylmalonate Derivative as STAT3 Inhibitor Suppresses Tumor Growth in Hepatocellular Carcinoma by Upregulating $\hat{I}2$ -TrCP E3 Ubiquitin Ligase. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3354.	4.1	4
10	Inhibition of Phosphodiesterase 5 Promotes the Aromatase-Mediated Estrogen Biosynthesis in Osteoblastic Cells by Activation of cGMP/PKG/SHP2 Pathway. <i>Frontiers in Endocrinology</i> , 2021, 12, 636784.	3.5	6
11	Identification of a Novel TAR RNA-Binding Protein 2 Modulator with Potential Therapeutic Activity against Hepatocellular Carcinoma. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 7404-7421.	6.4	4
12	Molecular cloning and functional characterization of tyrosine decarboxylases from galanthamine-producing <i>Lycoris radiata</i> . <i>Acta Physiologiae Plantarum</i> , 2021, 43, 1.	2.1	7
13	Steroidal alkaloids from the bulbs of <i>Fritillaria pallidiflora</i> Schrenk and their anti-inflammatory activity. <i>Bioorganic Chemistry</i> , 2021, 112, 104845.	4.1	13
14	( $\hat{A}$ ±)-Caryopterisines A and B, dimeric monoterpene alkaloids with unprecedented 6/5/5/5/6 pentacyclic rings scaffold from <i>Caryopteris glutinosa</i> . <i>Bioorganic Chemistry</i> , 2021, 116, 105364.	4.1	2
15	Three new diterpenes from <i>Dysoxylum lukii</i> and their NO production inhibitory activity. <i>Journal of Asian Natural Products Research</i> , 2020, 22, 531-536.	1.4	2
16	Aloe-emodin induces hepatotoxicity by the inhibition of multidrug resistance protein 2. <i>Phytomedicine</i> , 2020, 68, 153148.	5.3	9
17	Diterpenoids caryopterisoids D - Q and iridoid glucoside derivatives caryopterisides F - H from <i>Caryopteris glutinosa</i> . <i>Phytochemistry</i> , 2020, 180, 112534.	2.9	3
18	Synthesis of Flavonols via Pyrrolidine Catalysis: Origins of the Selectivity for Flavonol versus Aurone. <i>Journal of Organic Chemistry</i> , 2020, 85, 13160-13176.	3.2	17

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19	Natural Polyketides Isolated from the Endophytic Fungus <i>Phomopsis</i> sp. CAM212 with a Semisynthetic Derivative Downregulating the ERK1/2 Signaling Pathways. <i>Planta Medica</i> , 2020, 86, 1032-1042.	1.3	4
20	Salinomycin promotes T-cell proliferation by inhibiting the expression and enzymatic activity of immunosuppressive indoleamine-2,3-dioxygenase in human breast cancer cells. <i>Toxicology and Applied Pharmacology</i> , 2020, 404, 115203.	2.8	17
21	Characterization of <i>Camptotheca acuminata</i> 10-hydroxygeraniol oxidoreductase and iridoid synthase and their application in biological preparation of nepetalactol in <i>Escherichia coli</i> featuring NADP <sup>+</sup> - NADPH cofactors recycling. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 1076-1085.	7.5	9
22	Viburnumfocoides A & D, 1-O-isovaleroylated iridoid 11-O-alloside derivatives from <i>Viburnum foetidum</i> var. <i>ceanothoides</i> . <i>F&amp;T</i> , 2020, 143, 104601.	2.2	8
23	Luteolin-7-methylether from <i>Leonurus japonicus</i> inhibits estrogen biosynthesis in human ovarian granulosa cells by suppression of aromatase (CYP19). <i>European Journal of Pharmacology</i> , 2020, 879, 173154.	3.5	5
24	Coptisine from <i>Coptis chinensis</i> blocks NLRP3 inflammasome activation by inhibiting caspase-1. <i>Pharmacological Research</i> , 2019, 147, 104348.	7.1	56
25	The versatile O-methyltransferase LrOMT catalyzes multiple O-methylation reactions in amaryllidaceae alkaloids biosynthesis. <i>International Journal of Biological Macromolecules</i> , 2019, 141, 680-692.	7.5	23
26	Bifunctional Cytochrome P450 Enzymes Involved in Camptothecin Biosynthesis. <i>ACS Chemical Biology</i> , 2019, 14, 1091-1096.	3.4	36
27	A new triterpene diglycoside from the roots of <i>Bupleurum chinense</i> DC. and its inhibitory effect on adipogenesis in 3T3-L1 cells. <i>Medicinal Chemistry Research</i> , 2019, 28, 239-245.	2.4	2
28	Two new triterpenoid saponins derived from the leaves of <i>Panax ginseng</i> and their antiinflammatory activity. <i>Journal of Ginseng Research</i> , 2019, 43, 600-605.	5.7	17
29	Diterpenes from <i>Dysoxylum lukii</i> Merr. <i>Phytochemistry Letters</i> , 2019, 29, 53-56.	1.2	6
30	Traditional plant based medicines used to treat musculoskeletal disorders in Northern Pakistan. <i>European Journal of Integrative Medicine</i> , 2018, 19, 17-64.	1.7	38
31	Flavonoid glycosides and alkaloids from the embryos of <i>Nelumbo nucifera</i> seeds and their antioxidant activity. <i>F&amp;T</i> , 2018, 125, 184-190.	2.2	31
32	Targeting Pin1 by inhibitor API-1 regulates microRNA biogenesis and suppresses hepatocellular carcinoma development. <i>Hepatology</i> , 2018, 68, 547-560.	7.3	55
33	Bioactive steroidal alkaloids from the fruits of <i>Solanum nigrum</i> . <i>Phytochemistry</i> , 2018, 147, 125-131.	2.9	47
34	Lanostane-type C31 triterpenoid derivatives from the fruiting bodies of cultivated <i>Fomitopsis palustris</i> . <i>Phytochemistry</i> , 2018, 152, 10-21.	2.9	14
35	Alteration in sperm characteristics, endocrine balance and redox status in rats rendered diabetic by streptozotocin treatment: attenuating role of <i>Loranthus micranthus</i> . <i>Redox Report</i> , 2018, 23, 194-205.	4.5	22
36	Inhibition of TPL2 by interferon- $\gamma$ suppresses bladder cancer through activation of PDE4D. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 288.	8.6	14

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37	Functional characterization of phenylalanine ammonia-lyase- and cinnamate 4-hydroxylase-encoding genes from <i>Lycoris radiata</i> , a galanthamine-producing plant. <i>International Journal of Biological Macromolecules</i> , 2018, 117, 1264-1279.	7.5	29
38	Enhanced production of camptothecin and biological preparation of N 1-acetylkynuramine in <i>Camptotheca acuminata</i> cell suspension cultures. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 4053-4062.	3.6	24
39	6-Hydroxy-3-O-methyl-kaempferol 6-O-glucopyranoside potentiates the anti-proliferative effect of interferon $\beta$ by promoting activation of the JAK/STAT signaling by inhibiting SOCS3 in hepatocellular carcinoma cells. <i>Toxicology and Applied Pharmacology</i> , 2017, 336, 31-39.	2.8	19
40	A homomeric geranyl diphosphate synthase-encoding gene from <i>Camptotheca acuminata</i> and its combinatorial optimization for production of geraniol in <i>Escherichia coli</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017, 44, 1431-1441.	3.0	11
41	Synthesis of 5-substituted flavonols via the Algar-Flynn-Oyamada (AFO) reaction: The mechanistic implication. <i>Tetrahedron</i> , 2017, 73, 4822-4829.	1.9	27
42	Dietary quercetin potentiates the antiproliferative effect of interferon- $\beta$ in hepatocellular carcinoma cells through activation of JAK/STAT pathway signaling by inhibition of SHP2 phosphatase. <i>Oncotarget</i> , 2017, 8, 113734-113748.	1.8	36
43	Synthesis of hexagonal mesoporous silicates functionalized with amino groups in the pore channels by a co-condensation approach. <i>RSC Advances</i> , 2016, 6, 53991-54000.	3.6	3
44	Nitric oxide production inhibition and mechanism of phenanthrene analogs in lipopolysaccharide-stimulated RAW264.7 macrophages. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2521-2525.	2.2	6
45	2-Phenylbenzo[ <i>b</i> ]furans: Synthesis and promoting activity on estrogen biosynthesis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 5497-5500.	2.2	11
46	Molecular cloning and functional characterization of a cinnamate 4-hydroxylase-encoding gene from <i>Camptotheca acuminata</i> . <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	2.1	8
47	Whole Exome Sequencing Analysis Identifies Mutations in <i>LRP5</i> in Indian Families with Familial Exudative Vitreoretinopathy. <i>Genetic Testing and Molecular Biomarkers</i> , 2016, 20, 346-351.	0.7	17
48	Functional characterization of a geraniol synthase-encoding gene from <i>Camptotheca acuminata</i> and its application in production of geraniol in <i>Escherichia coli</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016, 43, 1281-1292.	3.0	30
49	Iridoid Glucosides and Diterpenoids from <i>Caryopteris glutinosa</i> . <i>Journal of Natural Products</i> , 2016, 79, 886-893.	3.0	22
50	Two new alkaloids from <i>Melodinus hemsleyanus</i> Diels. <i>Natural Product Research</i> , 2016, 30, 162-167.	1.8	13
51	Emodin potentiates the antiproliferative effect of interferon $\beta$ by activation of JAK/STAT pathway signaling through inhibition of the 26S proteasome. <i>Oncotarget</i> , 2016, 7, 4664-4679.	1.8	25
52	Untargeted analysis of sesquiterpene pyridine alkaloids from the dried roots of <i>Tripterygium wilfordii</i> using high-performance liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 965-972.	1.5	12
53	Selective methylation of kaempferol via benzylation and deacetylation of kaempferol acetates. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 288-293.	2.2	9
54	Synthesis of icariin from kaempferol through regioselective methylation and para-Claisen-Cope rearrangement. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 1220-1225.	2.2	21

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55	Molecular Cloning, Heterologous Expression, and Functional Characterization of an NADPH-Cytochrome P450 Reductase Gene from <i>Camptotheca acuminata</i> , a Camptothecin-Producing Plant. <i>PLoS ONE</i> , 2015, 10, e0135397.	2.5	20
56	Phenolic Derivatives from <i>Hypericum japonicum</i> . <i>Natural Product Communications</i> , 2015, 10, 1934578X1501001.	0.5	2
57	Diarylheptanoids of <i>Curcuma comosa</i> with Inhibitory Effects on Nitric Oxide Production in Macrophage RAW 264.7 Cells. <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.5	1
58	Analysis of Monoterpenoid Indole Alkaloids Using Electrospray Ionization Tandem Mass Spectrometry. <i>Chemistry of Natural Compounds</i> , 2015, 51, 116-120.	0.8	6
59	Indole Alkaloids from <i>Chaetomium globosum</i> . <i>Journal of Natural Products</i> , 2015, 78, 1479-1485.	3.0	48
60	Novel stilbenes from <i>Artocarpus nanchuanensis</i> . <i>Journal of Asian Natural Products Research</i> , 2015, 17, 217-223.	1.4	13
61	Dummy molecularly imprinted mesoporous silicates for selective adsorption of 2-naphthol. <i>Open Chemistry</i> , 2015, 13, .	1.9	4
62	Analysis of Chaetoconvosins a and B Using Electrospray Ionization Quadrupole Time-of-Flight Mass Spectrometry. <i>Chemistry of Natural Compounds</i> , 2015, 51, 721-725.	0.8	0
63	Synthesis of salicylaldehydes from phenols via copper-mediated duff reaction. <i>Research on Chemical Intermediates</i> , 2015, 41, 8147-8158.	2.7	5
64	Analysis of sesquiterpene pyridine alkaloids using ESI-MS/MS: The product ion at $m/z$ 310 formed by an ion-dipole intermediate. <i>International Journal of Mass Spectrometry</i> , 2015, 376, 54-57.	1.5	6
65	Natural products and their derivatives regulating the janus kinase/signal transducer and activator of transcription pathway. <i>Journal of Asian Natural Products Research</i> , 2014, 16, 800-812.	1.4	10
66	Luteolin sensitizes the antiproliferative effect of interferon $\beta$ by activation of Janus kinase/signal transducer and activator of transcription pathway signaling through protein kinase A-mediated inhibition of protein tyrosine phosphatase SHP-2 in cancer cells. <i>Cellular Signalling</i> , 2014, 26, 619-628.	3.6	42
67	3-Arylcoumarins: Synthesis and potent anti-inflammatory activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 5432-5434.	2.2	36
68	Novel 2-arylbenzofuran dimers and polyisoprenylated flavanones from <i>Sophora tonkinensis</i> . <i>Fä-toterapÄ-Ä</i> , 2014, 99, 21-27.	2.2	25
69	Copper-catalyzed decarboxylative intramolecular C-O coupling: synthesis of 2-arylbenzofuran from 3-arylcoumarin. <i>RSC Advances</i> , 2014, 4, 903-906.	3.6	18
70	Two natural products, trans-phytol and (22E)-ergosta-6,9,22-triene-3 $\beta$ ,5 $\beta$ ,8 $\beta$ -triol, inhibit the biosynthesis of estrogen in human ovarian granulosa cells by aromatase (CYP19). <i>Toxicology and Applied Pharmacology</i> , 2014, 279, 23-32.	2.8	31
71	Camptothecin-producing endophytic fungus <i>Trichoderma atroviride</i> LY357: isolation, identification, and fermentation conditions optimization for camptothecin production. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 9365-9375.	3.6	142
72	Anti-inflammatory phenanthrene derivatives from stems of <i>Dendrobium denneanum</i> . <i>Phytochemistry</i> , 2013, 95, 242-251.	2.9	82

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73	Egonol gentiobioside and egonol gentiotrioside from <i>Styrax perkinsiae</i> promote the biosynthesis of estrogen by aromatase. <i>European Journal of Pharmacology</i> , 2012, 691, 275-282.	3.5	15
74	Antiosteoporotic compounds from seeds of <i>Cuscuta chinensis</i> . <i>Journal of Ethnopharmacology</i> , 2011, 135, 553-560.	4.1	91
75	ESI-IT-MS <sup>n</sup> and DFT calculation for electron affinities of bimetallic oxovanadium complexes. <i>Monatshefte für Chemie</i> , 2011, 142, 1105-1109.	1.8	1
76	Three New Eudesmanolactones (=Eudesmanolides) from <i>Camchaya loloana</i> . <i>Helvetica Chimica Acta</i> , 2011, 94, 105-110.	1.6	5
77	A new triterpene and an antiarrhythmic liriodendrin from <i>Pittosporum brevicalyx</i> . <i>Archives of Pharmacal Research</i> , 2010, 33, 1927-1932.	6.3	20
78	Four New Alkaloids, Brevianamides O <sub>1</sub> -O <sub>4</sub> , from the Fungus <i>Aspergillus versicolor</i> . <i>Helvetica Chimica Acta</i> , 2010, 93, 2075-2080.	1.6	26
79	Analysis of benzofuran derivatives using electrospray ionization ion trap and electrospray ionization quadrupole time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 1211-1215.	1.5	2
80	Analysis of sesterterpenoids from <i>Aspergillus terreus</i> using ESI-QTOF and ESI-IT. <i>Phytochemical Analysis</i> , 2010, 21, 374-383.	2.4	3
81	Chiral Stereogenic Quaternary Ammonium Salts <sup>TM</sup> from <i>L</i> -Amino Acids: Synthesis, Separation, and Absolute Configuration. <i>Helvetica Chimica Acta</i> , 2009, 92, 677-688.	1.6	5
82	Analysis of phenolic glycosides from <i>Ilex litseaefolia</i> using electrospray ionization quadrupole time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 3881-3885.	1.5	13
83	<i>In vitro</i> synergistic antibacterial activities of helvolic acid on multi-drug resistant <i>Staphylococcus aureus</i> . <i>Natural Product Research</i> , 2009, 23, 309-318.	1.8	15
84	Secondary Metabolites from the Fungus <i>Chaetomium brasiliense</i> . <i>Helvetica Chimica Acta</i> , 2008, 91, 124-129.	1.6	37
85	Preparation of Two Diastereoisomeric Decalin Synthons and (R)-Ambrox. <i>Helvetica Chimica Acta</i> , 2008, 91, 734-740.	1.6	7
86	Iridoids from <i>Viburnum cylindricum</i> . <i>Helvetica Chimica Acta</i> , 2008, 91, 1072-1076.	1.6	9
87	Chemical constituents of <i>Nouelia insignis</i> Franch. <i>Journal of Asian Natural Products Research</i> , 2008, 10, 125-131.	1.4	6
88	Alkaloids from <i>Gendarussa vulgaris</i> Nees. <i>Natural Product Research</i> , 2008, 22, 1610-1613.	1.8	8
89	Novel Neolignan from <i>Penthorum chinense</i> . <i>Journal of Integrative Plant Biology</i> , 2007, 49, 1611-1614.	8.5	23
90	Electrospray tandem mass spectrometry of epipolythiodioxopiperazines. <i>Journal of Mass Spectrometry</i> , 2007, 42, 749-760.	1.6	17

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91	Diphenyl Ether Glycoside from the Stems of <i>Ilex litseaefolia</i> Hu et Tang. <i>Journal of Integrative Plant Biology</i> , 2007, 49, 452-454.	8.5	0
92	Steryl esters and phenylethanol esters from <i>Syringa komarowii</i> . <i>Steroids</i> , 2006, 71, 700-705.	1.8	14
93	A Diterpene Endoperoxide from <i>Microtoena insuavis</i> (Hance) Prain ex Dunn. <i>Journal of Integrative Plant Biology</i> , 2006, 48, 613-616.	8.5	1
94	Chemical Constituents of <i>Phacellaria compressa</i> Benth.. <i>Journal of Integrative Plant Biology</i> , 2006, 48, 236-240.	8.5	10
95	Acyl migration during debenzoylation of 1,3-di-O-benzyl-2-O-acylglycerols. <i>Lipids</i> , 2006, 41, 301-303.	1.7	2
96	Glycosides from Roots of <i>Cyathula officinalis</i> Kuan. <i>Journal of Integrative Plant Biology</i> , 2005, 47, 368-374.	8.5	10
97	Four New Benzofurans from Seeds of <i>Styrax perkinsiae</i> . <i>Planta Medica</i> , 2005, 71, 847-851.	1.3	31
98	Chemical study on <i>Cyathula officinalis</i> Kuan. <i>Journal of Asian Natural Products Research</i> , 2005, 7, 245-252.	1.4	21
99	A novel alkaloid from <i>Mitrephora maingayi</i> . <i>Natural Product Research</i> , 2005, 19, 359-362.	1.8	18
100	Anthraquinones from <i>Gladiolus gandavensis</i> . <i>Journal of Asian Natural Products Research</i> , 2005, 7, 197-204.	1.4	7
101	Novel ceramides and a new glucoceramide from the roots of <i>Incarvillea arguta</i> . <i>Lipids</i> , 2004, 39, 907-913.	1.7	23
102	A new glucoceramide from the watermelon begonia, <i>Pellionia repens</i> . <i>Lipids</i> , 2004, 39, 1037-1042.	1.7	4
103	Asymmetric Cyanosilylation of Ketones Catalyzed by Bifunctional Chiral N-Oxide Titanium Complex Catalysts. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 129-137.	2.4	64
104	Effective Activation of the Chiral Salen/Ti(OiPr) <sub>4</sub> Catalyst with Achiral Phenolic N-Oxides as Additives in the Enantioselective Cyanosilylation of Ketones. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 4657-4666.	2.4	46
105	Synthesis of Triindolylmethanes Catalyzed by Zeolites. <i>Synthetic Communications</i> , 2004, 34, 275-280.	2.1	29
106	Three novel nortriterpenoids from <i>Notochaete hamosa</i> Benth. (Labiales). <i>Tetrahedron</i> , 2003, 59, 8227-8232.	1.9	13
107	Note: New anthraquinones from <i>Gladiolus gandavensis</i> . <i>Journal of Asian Natural Products Research</i> , 2003, 5, 297-301.	1.4	8
108	Glycosides from <i>Dicliptera riparia</i> . <i>Phytochemistry</i> , 2002, 61, 449-454.	2.9	5

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109	New Host Molecules with Imidazoliums as Functional Arms: Syntheses and Anion Recognition. Chinese Journal of Chemistry, 2002, 20, 447-452.	4.9	2
110	Novel chiral imidazole cyclophane receptors: synthesis and enantioselective recognition for amino acid derivatives. Chemical Communications, 2001,, 1816-1817.	4.1	59