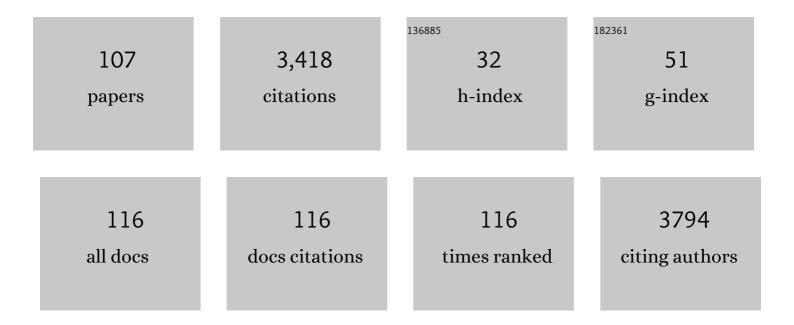
Weijie Xie

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Pharmacological properties and mechanisms of Notoginsenoside R1 in ischemia-reperfusion injury. Chinese Journal of Traumatology - English Edition, 2023, 26, 20-26.	0.7	4
2	Combining Multiangular, Polarimetric, and Hyperspectral Measurements to Estimate Leaf Nitrogen Concentration From Different Plant Species. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	3
3	Optimizing Two-Band Spectral Indices to Estimate Leaf Chlorophyll Content Using the Non-Polarized Reflectance Factors. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	1
4	Apigenin-oxymatrine binary co-amorphous mixture: Enhanced solubility, bioavailability, and anti-inflammatory effect. Food Chemistry, 2022, 373, 131485.	4.2	29
5	Ginsenoside Rb1 Protects Against Diabetic Cardiomyopathy by Regulating the Adipocytokine Pathway. Journal of Inflammation Research, 2022, Volume 15, 71-83.	1.6	13
6	Folium <i>Ginkgo</i> extract and tetramethylpyrazine sodium chloride injection (Xingxiong injection) protects against focal cerebral ischaemia/reperfusion injury via activating the Akt/Nrf2 pathway and inhibiting NLRP3 inflammasome activation. Pharmaceutical Biology, 2022, 60, 195-205.	1.3	20
7	Design and molecular insights of drug-active metabolite based co-amorphous formulation: A case study of toltrazuril-ponazuril co-amorphous. International Journal of Pharmaceutics, 2022, 615, 121475.	2.6	18
8	How Do Chinese People View Cyberbullying? A Text Analysis Based on Social Media. International Journal of Environmental Research and Public Health, 2022, 19, 1822.	1.2	10
9	Exploring the Formation Mechanism of Coamorphous Andrographolide-Oxymatrine Based on Molecular Dynamics and Spectroscopy. Journal of Pharmaceutical Sciences, 2022, 111, 2056-2071.	1.6	10
10	Therapeutic targets of neuroprotection and neurorestoration in ischemic stroke: Applications for natural compounds from medicinal herbs. Biomedicine and Pharmacotherapy, 2022, 148, 112719.	2.5	72
11	A novel natural PPARÎ ³ agonist, Gypenoside LXXV, ameliorates cognitive deficits by enhancing brain glucose uptake via the activation of Akt/GLUT4 signaling in db/db mice. Phytotherapy Research, 2022, 36, 1770-1784.	2.8	4
12	Cellular Immune Signal Exchange From Ischemic Stroke to Intestinal Lesions Through Brain-Gut Axis. Frontiers in Immunology, 2022, 13, 688619.	2.2	10
13	Fabrication of Stable Apigenin Nanosuspension with PEG 400 as Antisolvent for Enhancing the Solubility and Bioavailability. AAPS PharmSciTech, 2022, 23, 12.	1.5	6
14	Reducing BRDF Effects on the Estimation of Leaf Biochemical Parameters Using the Nonpolarized Reflectance Factor in the Hemispheric Space. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	2.7	2
15	Influence of the p <i>K</i> _a Value of Cinnamic Acid and <i>P</i> -Hydroxycinnamic Acid on the Solubility of a Lurasidone Hydrochloride-Based Coamorphous System. ACS Omega, 2021, 6, 3106-3119.	1.6	14
16	Coamorphous System of Florfenicol-Oxymatrine for Improving the Solubility and Dissolution Rate of Florfenicol: Preparation, Characterization and Molecular Dynamics Simulation. Journal of Pharmaceutical Sciences, 2021, 110, 2544-2554.	1.6	30
17	Effects of notoginseng leaf triterpenes on small molecule metabolism after cerebral ischemia/reperfusion injury assessed using MALDI–MS imaging. Annals of Translational Medicine, 2021, 9, 246-246.	0.7	15
18	Classical Active Ingredients and Extracts of Chinese Herbal Medicines: Pharmacokinetics, Pharmacodynamics, and Molecular Mechanisms for Ischemic Stroke. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-27.	1.9	67

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19	Scutellarin protects against diabetic cardiomyopathy via inhibiting oxidative stress and inflammatory response in mice. Annals of Palliative Medicine, 2021, 10, 2481-2493.	0.5	21
20	Gypenoside XVII alleviates early diabetic retinopathy by regulating Müller cell apoptosis and autophagy in db/db mice. European Journal of Pharmacology, 2021, 895, 173893.	1.7	27
21	Anti-hyperlipidemic effects of the compound Danshen tablet: roles of antioxidation, anti-inflammation, anticoagulation, and anti-apoptosis. Annals of Translational Medicine, 2021, 9, 744-744.	0.7	4
22	Childhood Trauma and Psychological Distress: A Serial Mediation Model among Chinese Adolescents. International Journal of Environmental Research and Public Health, 2021, 18, 6808.	1.2	13
23	Protective Effects and Network Analysis of Ginsenoside Rb1 Against Cerebral Ischemia Injury: A Pharmacological Review. Frontiers in Pharmacology, 2021, 12, 604811.	1.6	13
24	Crosstalk between H1975 tumor cells and platelets to induce the proliferation, migration and tube formation of vascular endothelial cells. Oncology Letters, 2021, 22, 676.	0.8	2
25	Notoginsenoside R1 activates the NAMPT-NAD+-SIRT1 cascade to promote postischemic angiogenesis by modulating Notch signaling. Biomedicine and Pharmacotherapy, 2021, 140, 111693.	2.5	34
26	Intranasal 15d-PGJ2 ameliorates brain glucose hypometabolism via PPARÎ ³ -dependent activation of PGC-1α/GLUT4 signalling in APP/PS1 transgenic mice. Neuropharmacology, 2021, 196, 108685.	2.0	6
27	Long Non-Coding RNA-Mediated Competing Endogenous RNA Networks in Ischemic Stroke: Molecular Mechanisms, Therapeutic Implications, and Challenges. Frontiers in Pharmacology, 2021, 12, 765075.	1.6	12
28	PEG-conjugated triacontanol micelles as docetaxel delivery systems for enhanced anti-cancer efficacy. Drug Delivery and Translational Research, 2020, 10, 122-135.	3.0	16
29	A novel lurasidone hydrochloride–shikimic acid co-amorphous system formed by hydrogen-bonding interaction with the retained pH-dependent solubility behavior. CrystEngComm, 2020, 22, 5841-5853.	1.3	18
30	Notoginseng Leaf Triterpenes Ameliorates OGD/R-Induced Neuronal Injury via SIRT1/2/3-Foxo3a-MnSOD/PGC-11± Signaling Pathways Mediated by the NAMPT-NAD Pathway. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-15.	1.9	36
31	Ginsenoside Re Attenuates High Glucose-Induced RF/6A Injury via Regulating PI3K/AKT Inhibited HIF-1α/VEGF Signaling Pathway. Frontiers in Pharmacology, 2020, 11, 695.	1.6	25
32	Anti-ischemia/reperfusion injury effects of notoginsenoside R1 on small molecule metabolism in rat brain after ischemic stroke as visualized by MALDI–MS imaging. Biomedicine and Pharmacotherapy, 2020, 129, 110470.	2.5	30
33	Ginsenoside Rg1 prevents early diabetic retinopathy via reducing retinal ganglion cell layer and inner nuclear layer cell apoptosis in db/db mice. Annals of Translational Medicine, 2020, 8, 232-232.	0.7	17
34	Development of a prognostic index of colon adenocarcinoma based on immunogenomic landscape analysis. Annals of Translational Medicine, 2020, 8, 284-284.	0.7	3
35	Saponins in Chinese Herbal Medicine Exerts Protection in Myocardial Ischemia–Reperfusion Injury: Possible Mechanism and Target Analysis. Frontiers in Pharmacology, 2020, 11, 570867.	1.6	35
36	Araloside C attenuates atherosclerosis by modulating macrophage polarization via Sirt1-mediated autophagy. Aging, 2020, 12, 1704-1724.	1.4	48

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37	Comparative Evaluation of the Transdermal Permeation Effectiveness of Fu's cupping therapy on eight different types of model drugs. Current Drug Delivery, 2020, 17, 446-459.	0.8	3
38	Carboxyamidotriazole exerts antiâ€ʻinflammatory activity in lipopolysaccharideâ€ʻinduced RAW264.7 macrophages by inhibiting NF‴κB and MAPKs pathways. Experimental and Therapeutic Medicine, 2020, 20, 1455-1466.	0.8	6
39	Effect of Ambient Nitrogen on the Growth of Phytoplankton in the Bohai Sea: Kinetics and Parameters. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2020JG005643.	1.3	5
40	Interspecies Variation in NCMN-O-Demethylation in Liver Microsomes from Various Species. Molecules, 2019, 24, 2765.	1.7	5
41	Estimation of the leaf chlorophyll content using multiangular spectral reflectance factor. Plant, Cell and Environment, 2019, 42, 3152-3165.	2.8	35
42	Ginsenoside Rb1 mitigates oxidative stress and apoptosis induced by methylglyoxal in SH-SY5Y cells via the PI3K/Akt pathway. Molecular and Cellular Probes, 2019, 48, 101469.	0.9	21
43	Gastroprotective effects of Kangfuxin against water-immersion and restraint stress-induced gastric ulcer in rats: roles of antioxidation, anti-inflammation, and pro-survival. Pharmaceutical Biology, 2019, 57, 770-777.	1.3	31
44	Estimating Chlorophyll Content of Leafy Green Vegetables from Adaxial and Abaxial Reflectance. Sensors, 2019, 19, 4059.	2.1	9
45	HMGB1-triggered inflammation inhibition of notoginseng leaf triterpenes against cerebral ischemia and reperfusion injury via MAPK and NF-κB signaling pathways. Biomolecules, 2019, 9, 512.	1.8	89
46	NCF2, MYO1F, S1PR4, and FCN1 as potential noninvasive diagnostic biomarkers in patients with obstructive coronary artery: A weighted gene coâ€expression network analysis. Journal of Cellular Biochemistry, 2019, 120, 18219-18235.	1.2	28
47	Notoginsenoside R1 Ameliorates Diabetic Retinopathy through PINK1-Dependent Activation of Mitophagy. Cells, 2019, 8, 213.	1.8	85
48	Ginsenoside Rb1 as an Anti-Diabetic Agent and Its Underlying Mechanism Analysis. Cells, 2019, 8, 204.	1.8	173
49	Exploring on the bioactive markers of Codonopsis Radix by correlation analysis between chemical constituents and pharmacological effects. Journal of Ethnopharmacology, 2019, 236, 31-41.	2.0	41
50	Protective Effects of Total Saponins of Aralia elata (Miq.) on Endothelial Cell Injury Induced by TNF-α via Modulation of the PI3K/Akt and NF-κB Signalling Pathways. International Journal of Molecular Sciences, 2019, 20, 36.	1.8	35
51	Tournefolic acid B, derived from Clinopodium chinense (Benth.) Kuntze, protects against myocardial ischemia/reperfusion injury by inhibiting endoplasmic reticulum stress-regulated apoptosis via PI3K/AKT pathways. Phytomedicine, 2019, 52, 178-186.	2.3	28
52	Ginsenoside Rb1 and mitochondria: A short review of the literature. Molecular and Cellular Probes, 2019, 43, 1-5.	0.9	56
53	<pre><scp>SIRT1/AMPK</scp> and <scp>Akt/eNOS</scp> signaling pathways are involved in endothelial protection of total aralosides of <scp><i>Aralia elata</i></scp> (<scp>Miq</scp>) <scp>S</scp>eem against highâ€fat dietâ€induced atherosclerosis in <scp>ApoE</scp>â^'/â^' mice. Phytotherapy Research, 2019, 33. 768-778.</pre>	2.8	26
54	An integrated characterization of contractile, electrophysiological, and structural cardiotoxicity of Sophora tonkinensis Gapnep. in human pluripotent stem cell-derived cardiomyocytes. Stem Cell Research and Therapy, 2019, 10, 20.	2.4	17

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55	Enhanced Delivery of Rituximab Into Brain and Lymph Nodes Using Timed-Release Nanocapsules in Non-Human Primates. Frontiers in Immunology, 2019, 10, 3132.	2.2	16
56	Antidepressant-like effects of the Guanxin Danshen formula via mediation of the CaMK II-CREB-BDNF signalling pathway in chronic unpredictable mild stress-induced depressive rats. Annals of Translational Medicine, 2019, 7, 564-564.	0.7	34
57	In vitro evaluation of transdermal permeation effects of Fu's cupping therapy via six diffusion kinetics models. Traditional Medicine Research, 2019, 4, 42–53.	0.2	1
58	Multiscale and Multifunctional Emulsions by Host–Guest Interaction-Mediated Self-Assembly. ACS Central Science, 2018, 4, 600-605.	5.3	25
59	Notoginsenoside R1 ameliorates diabetic encephalopathy by activating the Nrf2 pathway and inhibiting NLRP3 inflammasome activation. Oncotarget, 2018, 9, 9344-9363.	0.8	54
60	Inhibitory Effects of Ginsenoside Rb1 on Early Atherosclerosis in ApoE-/- Mice via Inhibition of Apoptosis and Enhancing Autophagy. Molecules, 2018, 23, 2912.	1.7	58
61	Gastrodin Ameliorates Cognitive Dysfunction in Diabetes Rat Model via the Suppression of Endoplasmic Reticulum Stress and NLRP3 Inflammasome Activation. Frontiers in Pharmacology, 2018, 9, 1346.	1.6	58
62	Protective Effects and Target Network Analysis of Ginsenoside Rg1 in Cerebral Ischemia and Reperfusion Injury: A Comprehensive Overview of Experimental Studies. Cells, 2018, 7, 270.	1.8	130
63	Neuroprotective Effects of Radix Scrophulariae on Cerebral Ischemia and Reperfusion Injury via MAPK Pathways. Molecules, 2018, 23, 2401.	1.7	56
64	Total Saponins of Aralia Elata (Miq) Seem Alleviate Calcium Homeostasis Imbalance and Endoplasmic Reticulum Stress-Related Apoptosis Induced by Myocardial Ischemia/Reperfusion Injury. Cellular Physiology and Biochemistry, 2018, 50, 28-40.	1.1	27
65	Pramipexole nanocrystals for transdermal permeation: Characterization and its enhancement micro-mechanism. European Journal of Pharmaceutical Sciences, 2018, 124, 80-88.	1.9	36
66	Araloside C Prevents Hypoxia/Reoxygenation-Induced Endoplasmic Reticulum Stress via Increasing Heat Shock Protein 90 in H9c2 Cardiomyocytes. Frontiers in Pharmacology, 2018, 9, 180.	1.6	23
67	Panax Notoginseng Saponins: A Review of Its Mechanisms of Antidepressant or Anxiolytic Effects and Network Analysis on Phytochemistry and Pharmacology. Molecules, 2018, 23, 940.	1.7	100
68	Inhibiting the NLRP3 Inflammasome Activation with MCC950 Ameliorates Diabetic Encephalopathy in db/db Mice. Molecules, 2018, 23, 522.	1.7	79
69	Semisynthesis and Biological Evaluation of Oleanolic Acid 3-O-β-d-Glucuronopyranoside Derivatives for Protecting H9c2 Cardiomyoblasts against H2O2-Induced Injury. Molecules, 2018, 23, 44.	1.7	4
70	Bavachinin Induces Oxidative Damage in HepaRG Cells through p38/JNK MAPK Pathways. Toxins, 2018, 10, 154.	1.5	28
71	Novel cinnamaldehyde-based aspirin derivatives for the treatment of colorectal cancer. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2869-2874.	1.0	12
72	Novel hybrids derived from aspirin and chalcones potently suppress colorectal cancer <i>in vitro</i> and <i>in vivo</i> . MedChemComm, 2018, 9, 1722-1732.	3.5	7

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73	Luteolin selectively kills STAT3 highly activated gastric cancer cells through enhancing the binding of STAT3 to SHP-1. Cell Death and Disease, 2017, 8, e2612-e2612.	2.7	73
74	Elatoside C protects against ox-LDL-induced HUVECs injury by FoxO1-mediated autophagy induction. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 1654-1665.	1.8	25
75	The chronic hepatotoxicity assessment of the herbal formula Zishen Yutai pill. Regulatory Toxicology and Pharmacology, 2017, 83, 81-88.	1.3	7
76	Effects of the Tangningtongluo formula as an alternative strategy for diabetics via upregulation of insulin receptor substrate-1. Molecular Medicine Reports, 2017, 16, 703-709.	1.1	4
77	The proteomic profiling of calenduloside E targets in HUVEC: design, synthesis and application of biotinylated probe BCEA. RSC Advances, 2017, 7, 6259-6265.	1.7	10
78	Attenuation of TNF-α-Induced Inflammatory Injury in Endothelial Cells by Ginsenoside Rb1 via Inhibiting NF-κB, JNK and p38 Signaling Pathways. Frontiers in Pharmacology, 2017, 8, 464.	1.6	124
79	Guanxin Danshen Formulation Protects against Myocardial Ischemia Reperfusion Injury-Induced Left Ventricular Remodeling by Upregulating Estrogen Receptor β. Frontiers in Pharmacology, 2017, 8, 777.	1.6	24
80	Ginsenoside F1 Ameliorates Endothelial Cell Inflammatory Injury and Prevents Atherosclerosis in Mice through A20-Mediated Suppression of NF-kB Signaling. Frontiers in Pharmacology, 2017, 8, 953.	1.6	44
81	The Effect and Mechanism of Transdermal Penetration Enhancement of Fu's Cupping Therapy: New Physical Penetration Technology for Transdermal Administration with Traditional Chinese Medicine (TCM) Characteristics. Molecules, 2017, 22, 525.	1.7	16
82	Hepatoprotective Effect of Carboxymethyl Pachyman in Fluorouracil-Treated CT26-Bearing Mice. Molecules, 2017, 22, 756.	1.7	16
83	Myricitrin Protects against Doxorubicin-Induced Cardiotoxicity by Counteracting Oxidative Stress and Inhibiting Mitochondrial Apoptosis via ERK/P53 Pathway. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-16.	0.5	31
84	Myricitrin Attenuates High Glucose-Induced Apoptosis through Activating Akt-Nrf2 Signaling in H9c2 Cardiomyocytes. Molecules, 2016, 21, 880.	1.7	41
85	Gypenoside XVII Enhances Lysosome Biogenesis and Autophagy Flux and Accelerates Autophagic Clearance of Amyloid-β through TFEB Activation. Journal of Alzheimer's Disease, 2016, 52, 1135-1150.	1.2	58
86	A pure polysaccharide from Ephedra sinica treating on arthritis and inhibiting cytokines expression. International Journal of Biological Macromolecules, 2016, 86, 177-188.	3.6	44
87	Cardioprotective effects of Notoginsenoside R1 against ischemia/reperfusion injuries by regulating oxidative stress- and endoplasmic reticulum stress- related signaling pathways. Scientific Reports, 2016, 6, 21730.	1.6	112
88	Salvianolic acid B protects against doxorubicin induced cardiac dysfunction via inhibition of ER stress mediated cardiomyocyte apoptosis. Toxicology Research, 2016, 5, 1335-1345.	0.9	25
89	Isorhamnetin Attenuates Atherosclerosis by Inhibiting Macrophage Apoptosis via PI3K/AKT Activation and HO-1 Induction. PLoS ONE, 2015, 10, e0120259.	1.1	66
90	Protective effect of total saponins of Aralia elata (Miq) Seem on lipopolysaccharide-induced cardiac dysfunction via down-regulation of inflammatory signaling in mice. RSC Advances, 2015, 5, 22560-22569.	1.7	14

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91	Total aralosides of aralia elata (Miq) seem (TASAES) ameliorate nonalcoholic steatohepatitis by modulating IRE1α-mediated JNK and NF-κB pathways in ApoE–/– mice. Journal of Ethnopharmacology, 2015, 163, 241-250.	2.0	54
92	Ginsenoside Rb1 prevents hypoxia-reoxygenation-induced apoptosis in H9c2 cardiomyocytes via an estrogen receptor-dependent crosstalk among the Akt, JNK, and ERK 1/2 pathways using a label-free quantitative proteomics analysis. RSC Advances, 2015, 5, 26346-26363.	1.7	18
93	SIRT1 Activation Ameliorates Aldara-Induced Psoriasiform Phenotype and Histology in Mice. Journal of Investigative Dermatology, 2015, 135, 1915-1918.	0.3	16
94	Microcalorimetry coupled with statistical analysis techniques for bio-activity evaluation of medicinal animal horns and shells. Journal of Thermal Analysis and Calorimetry, 2015, 120, 973-979.	2.0	0
95	Cryptoporus volvatus Extract Inhibits Influenza Virus Replication In Vitro and In Vivo. PLoS ONE, 2014, 9, e113604.	1.1	20
96	Effects of Platycodin D on Proliferation, Apoptosis and PI3K/Akt Signal Pathway of Human Glioma U251 Cells. Molecules, 2014, 19, 21411-21423.	1.7	37
97	Attenuation of Aβ25–35-induced parallel autophagic and apoptotic cell death by gypenoside XVII through the estrogen receptor-dependent activation of Nrf2/ARE pathways. Toxicology and Applied Pharmacology, 2014, 279, 63-75.	1.3	90
98	Notoginsenoside R1 attenuates amyloid-Î ² -induced damage in neurons by inhibiting reactive oxygen species and modulating MAPK activation. International Immunopharmacology, 2014, 22, 151-159.	1.7	65
99	The distribution of transplanted human mesenchymal stem cells in the CNS of young Macaca fascicularis. Brain Research, 2014, 1579, 1-9.	1.1	4
100	Effect of the total saponins of Aralia elata (Miq) Seem on cardiac contractile function and intracellular calcium cycling regulation. Journal of Ethnopharmacology, 2014, 155, 240-247.	2.0	59
101	Small Kinetochore Associated Protein (SKAP) Promotes UV-Induced Cell Apoptosis through Negatively Regulating Pre-mRNA Processing Factor 19 (Prp19). PLoS ONE, 2014, 9, e92712.	1.1	7
102	Influence of araloside C on cardiac contractile function (850.7). FASEB Journal, 2014, 28, 850.7.	0.2	0
103	P90RSK and Nrf2 Activation via MEK1/2-ERK1/2 Pathways Mediated by Notoginsenoside R2 to Prevent 6-Hydroxydopamine-Induced Apoptotic Death in SH-SY5Y Cells. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-15.	0.5	38
104	Bioactive Nonanolide Derivatives Isolated from the Endophytic Fungus <i>Cytospora</i> sp Journal of Organic Chemistry, 2011, 76, 9699-9710.	1.7	69
105	Bioactive Aromatic Derivatives from Endophytic Fungus, Cytospora sp. Natural Product Communications, 2011, 6, 1934578X1100600.	0.2	6
106	Cytospolides A–E, New Nonanolides from an Endophytic Fungus, <i>Cytospora</i> sp European Journal of Organic Chemistry, 2011, 2011, 5452-5459.	1.2	46
107	Bioactive aromatic derivatives from endophytic fungus, Cytospora sp. Natural Product Communications, 2011, 6, 661-6.	0.2	6