Young H Choi

List of Publications by Citations

278 papers	14,632 citations	63 h-index	112 g-index
298 ext. papers	16,884 ext. citations	4.3 avg, IF	6.73 L-index

#	Paper	IF	Citations
278	Natural deep eutectic solvents as new potential media for green technology. *Analytica Chimica Acta* , **2013**, 766, 61-8	6.6	1227
277	NMR-based metabolomic analysis of plants. *Nature Protocols*, **2010**, 5, 536-49	18.8	631
276	Are natural deep eutectic solvents the missing link in understanding cellular metabolism and physiology?. *Plant Physiology*, **2011**, 156, 1701-5	6.6	594
275	Tailoring properties of natural deep eutectic solvents with water to facilitate their applications. *Food Chemistry*, **2015**, 187, 14-9	8.5	518
274	Natural deep eutectic solvents as a new extraction media for phenolic metabolites in Carthamus tinctorius L. *Analytical Chemistry*, **2013**, 85, 6272-8	7.8	380
273	Bradykinin-12-lipoxygenase-VR1 signaling pathway for inflammatory hyperalgesia. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 10150-5	11.5	323
272	NMR-based plant metabolomics: where do we stand, where do we go?. *Trends in Biotechnology*, **2011**, 29, 267-75	15.1	294
271	Ionic liquids and deep eutectic solvents in natural products research: mixtures of solids as extraction solvents. *Journal of Natural Products*, **2013**, 76, 2162-73	4.9	285
270	Metabolic discrimination of Catharanthus roseus leaves infected by phytoplasma using 1H-NMR spectroscopy and multivariate data analysis. *Plant Physiology*, **2004**, 135, 2398-410	6.6	218
269	Identification of chlorogenic acid as a resistance factor for thrips in chrysanthemum. *Plant Physiology*, **2009**, 150, 1567-75	6.6	204
268	Application of natural deep eutectic solvents to the extraction of anthocyanins from Catharanthus roseus with high extractability and stability replacing conventional organic solvents. *Journal of Chromatography A*, **2016**, 1434, 50-6	4.5	199
267	Ethnopharmacology and systems biology: a perfect holistic match. *Journal of Ethnopharmacology*, **2005**, 100, 53-6	5	198
266	Natural deep eutectic solvents providing enhanced stability of natural colorants from safflower (Carthamus tinctorius). *Food Chemistry*, **2014**, 159, 116-21	8.5	196
265	An ABC transporter mutation alters root exudation of phytochemicals that provoke an overhaul of natural soil microbiota. *Plant Physiology*, **2009**, 151, 2006-17	6.6	196
264	Metabolic constituents of grapevine and grape-derived products. *Phytochemistry Reviews*, **2010**, 9, 357-378	7.9	194
263	NMR-based metabolomics at work in phytochemistry. *Phytochemistry Reviews*, **2007**, 6, 3-14	7.7	193
262	Metabolic fingerprinting of Cannabis sativa L., cannabinoids and terpenoids for chemotaxonomic and drug standardization purposes. *Phytochemistry*, **2010**, 71, 2058-73	4	186

261	Health-Affecting Compounds in Brassicaceae. *Comprehensive Reviews in Food Science and Food Safety*, **2009**, 8, 31-43	16.4	185
260	Green solvents from ionic liquids and deep eutectic solvents to natural deep eutectic solvents. *Comptes Rendus Chimie*, **2018**, 21, 628-638	2.7	169
259	Metabolic fingerprinting of wild type and transgenic tobacco plants by 1H NMR and multivariate analysis technique. *Phytochemistry*, **2004**, 65, 857-64	4	163
258	Metabolomic differentiation of Cannabis sativa cultivars using 1H NMR spectroscopy and principal component analysis. *Journal of Natural Products*, **2004**, 67, 953-7	4.9	147
257	Quality control of herbal material and phytopharmaceuticals with MS and NMR based metabolic fingerprinting. *Planta Medica*, **2009**, 75, 763-75	3.1	145
256	NMR metabolomics to revisit the tobacco mosaic virus infection in Nicotiana tabacum leaves. *Journal of Natural Products*, **2006**, 69, 742-8	4.9	142
255	NMR metabolomics of thrips (Frankliniella occidentalis) resistance in Senecio hybrids. *Journal of Chemical Ecology*, **2009**, 35, 219-29	2.7	131
254	Transcriptional and metabolic profiling of grape (Vitis vinifera L.) leaves unravel possible innate resistance against pathogenic fungi. *Journal of Experimental Botany*, **2008**, 59, 3371-81	7	128
253	Plant metabolomics: from holistic data to relevant biomarkers. *Current Medicinal Chemistry*, **2013**, 20, 1056-90	4.3	128
252	Metabolomics: back to basics. *Phytochemistry Reviews*, **2008**, 7, 525-537	7.7	124
251	Metabolic classification of South American Ilex species by NMR-based metabolomics. *Phytochemistry*, **2010**, 71, 773-84	4	119
250	Transcript and metabolite analysis in Trincadeira cultivar reveals novel information regarding the dynamics of grape ripening. *BMC Plant Biology*, **2011**, 11, 149	5.3	113
249	Identification of phenylpropanoids in methyl jasmonate treated Brassica rapa leaves using two-dimensional nuclear magnetic resonance spectroscopy. *Journal of Chromatography A*, **2006**, 1112, 148-55	4.5	108
248	Metabolic fingerprinting of Ephedra species using 1H-NMR spectroscopy and principal component analysis. *Chemical and Pharmaceutical Bulletin*, **2005**, 53, 105-9	1.9	104
247	Plant Metabolomics: From Holistic Data to Relevant Biomarkers. *Current Medicinal Chemistry*, **2013**, 20, 1056-1090	4.3	104
246	Monoterpenoid indole alkaloids biosynthesis and its regulation in Catharanthus roseus: a literature review from genes to metabolites. *Phytochemistry Reviews*, **2016**, 15, 221-250	7.7	102
245	Extraction for metabolomics: access to the metabolome. *Phytochemical Analysis*, **2014**, 25, 291-306	3.4	101
244	Metabolomic analysis of methyl jasmonate treated Brassica rapa leaves by 2-dimensional NMR spectroscopy. *Phytochemistry*, **2006**, 67, 2503-11	4	100

243	Green solvents for the extraction of bioactive compounds from natural products using ionic liquids and deep eutectic solvents. *Current Opinion in Food Science*, **2019**, 26, 87-93	9.8	98
242	Metabolomics for bioactivity assessment of natural products. *Phytotherapy Research*, **2011**, 25, 157-69	6.7	97
241	Metabolic response of tomato leaves upon different plant-pathogen interactions. *Phytochemical Analysis*, **2010**, 21, 89-94	3.4	96
240	Classification of Ilex species based on metabolomic fingerprinting using nuclear magnetic resonance and multivariate data analysis. *Journal of Agricultural and Food Chemistry*, **2005**, 53, 1237-45	5.7	93
239	Healthy and unhealthy plants: The effect of stress on the metabolism of Brassicaceae. *Environmental and Experimental Botany*, **2009**, 67, 23-33	5.9	88
238	Collection and trade of wild-harvested orchids in Nepal. *Journal of Ethnobiology and Ethnomedicine*, **2013**, 9, 64	3.9	87
237	Dose-independent pharmacokinetics of metformin in rats: Hepatic and gastrointestinal first-pass effects. *Journal of Pharmaceutical Sciences*, **2006**, 95, 2543-52	3.9	86
236	Metabolomic analysis of host plant resistance to thrips in wild and cultivated tomatoes. *Phytochemical Analysis*, **2010**, 21, 110-7	3.4	83
235	NMR assignments of the major cannabinoids and cannabiflavonoids isolated from flowers of Cannabis sativa. *Phytochemical Analysis*, **2004**, 15, 345-54	3.4	82
234	Metabolomic differentiation of Brassica rapa following herbivory by different insect instars using two-dimensional nuclear magnetic resonance spectroscopy. *Journal of Chemical Ecology*, **2006**, 32, 2417-28	2.7	79
233	Monitoring biochemical changes during grape berry development in Portuguese cultivars by NMR spectroscopy. *Food Chemistry*, **2011**, 124, 1760-1769	8.5	77
232	NMR metabolic fingerprinting based identification of grapevine metabolites associated with downy mildew resistance. *Journal of Agricultural and Food Chemistry*, **2009**, 57, 9599-606	5.7	76
231	Metabolic characterization of Brassica rapa leaves by NMR spectroscopy. *Journal of Agricultural and Food Chemistry*, **2007**, 55, 7936-43	5.7	76
230	Metabolomic analysis of Strychnos nux-vomica, Strychnos icaja and Strychnos ignatii extracts by 1H nuclear magnetic resonance spectrometry and multivariate analysis techniques. *Phytochemistry*, **2004**, 65, 1993-2001	4	75
229	Metabolic characterization of Palatinate German white wines according to sensory attributes, varieties, and vintages using NMR spectroscopy and multivariate data analyses. *Journal of Biomolecular NMR*, **2011**, 49, 255-66	3	74
228	Comprehensive extraction method integrated with NMR metabolomics: a new bioactivity screening method for plants, adenosine A1 receptor binding compounds in Orthosiphon stamineus Benth. *Analytical Chemistry*, **2011**, 83, 6902-6	7.8	74
227	Application of natural deep eutectic solvents for the green extraction of vanillin from vanilla pods. *Flavour and Fragrance Journal*, **2018**, 33, 91-96	2.5	73
226	Metabolic differentiations and classification of Verbascum species by NMR-based metabolomics. *Phytochemistry*, **2011**, 72, 2045-51	4	73

225	An overview of NMR-based metabolomics to identify secondary plant compounds involved in host plant resistance. *Phytochemistry Reviews*, **2011**, 10, 205-216	7.7	73
224	Fungal infection-induced metabolites in Brassica rapa. *Plant Science*, **2009**, 176, 608-615	5.3	72
223	Recent methodology in the phytochemical analysis of ginseng. *Phytochemical Analysis*, **2008**, 19, 2-16	3.4	72
222	Overexpression of ORCA3 and G10H in Catharanthus roseus plants regulated alkaloid biosynthesis and metabolism revealed by NMR-metabolomics. *PLoS ONE*, **2012**, 7, e43038	3.7	71
221	Application of two-dimensional nuclear magnetic resonance spectroscopy to quality control of ginseng commercial products. *Planta Medica*, **2006**, 72, 364-9	3.1	71
220	Metabolic profiling of the Mexican anxiolytic and sedative plant Galphimia glauca using nuclear magnetic resonance spectroscopy and multivariate data analysis. *Planta Medica*, **2008**, 74, 1295-301	3.1	70
219	Metabolomic response of Brassica rapa submitted to pre-harvest bacterial contamination. *Food Chemistry*, **2008**, 107, 362-368	8.5	70
218	Quantitative analysis of cannabinoids from Cannabis sativa using 1H-NMR. *Chemical and Pharmaceutical Bulletin*, **2004**, 52, 718-21	1.9	69
217	Metal ion-inducing metabolite accumulation in Brassica rapa. *Journal of Plant Physiology*, **2008**, 165, 1429-37	3.6	68
216	Metabolic differentiation of Arabidopsis treated with methyl jasmonate using nuclear magnetic resonance spectroscopy. *Plant Science*, **2006**, 170, 1118-1124	5.3	68
215	The value of universally available raw NMR data for transparency, reproducibility, and integrity in natural product research. *Natural Product Reports*, **2019**, 36, 35-107	15.1	63
214	Glucosinolates and other metabolites in the leaves of Arabidopsis thaliana from natural populations and their effects on a generalist and a specialist herbivore. *Chemoecology*, **2008**, 18, 65-71	2	63
213	Shoot differentiation from protocorm callus cultures of Vanilla planifolia (Orchidaceae): proteomic and metabolic responses at early stage. *BMC Plant Biology*, **2010**, 10, 82	5.3	62
212	Arctigenin protects cultured cortical neurons from glutamate-induced neurodegeneration by binding to kainate receptor. *Journal of Neuroscience Research*, **2002**, 68, 233-40	4.4	60
211	1H-NMR-based metabolomics approach to understanding the drying effects on the phytochemicals in Cosmos caudatus. *Food Research International*, **2012**, 49, 763-770	7	59
210	Identification of natural epimeric flavanone glycosides by NMR spectroscopy. *Food Chemistry*, **2009**, 116, 575-579	8.5	59
209	Metabolomics in the natural products field--a gateway to novel antibiotics. *Drug Discovery Today: Technologies*, **2015**, 13, 11-7	7.1	58
208	Expanding the chemical space for natural products by Aspergillus-Streptomyces co-cultivation and biotransformation. *Scientific Reports*, **2015**, 5, 10868	4.9	56

207	Eliciting antibiotics active against the ESKAPE pathogens in a collection of actinomycetes isolated from mountain soils. *Microbiology (United Kingdom)*, **2014**, 160, 1714-1725	2.9	56
206	The perspectives of natural deep eutectic solvents in agri-food sector. *Critical Reviews in Food Science and Nutrition*, **2020**, 60, 2564-2592	11.5	54
205	Adenosine A1 receptor binding activity of methoxy flavonoids from Orthosiphon stamineus. *Planta Medica*, **2009**, 75, 132-6	3.1	52
204	Metabolomics: a tool for anticancer lead-finding from natural products. *Planta Medica*, **2010**, 76, 1094-102	3.1	50
203	Biosynthesis of salicylic acid in fungus elicited Catharanthus roseus cells. *Phytochemistry*, **2009**, 70, 532-9	4	49
202	Comparing metabolomes: the chemical consequences of hybridization in plants. *New Phytologist*, **2005**, 167, 613-22	9.8	49
201	Metabolomic investigation of the ethnopharmacological use of Artemisia afra with NMR spectroscopy and multivariate data analysis. *Journal of Ethnopharmacology*, **2010**, 128, 230-5	5	48
200	Isolation of the acetylcholinesterase inhibitor ungeremine from Nerine bowdenii by preparative HPLC coupled on-line to a flow assay system. *Biological and Pharmaceutical Bulletin*, **2004**, 27, 1804-9	2.3	48
199	Quantitative analysis of bilobalide and ginkgolides from Ginkgo biloba leaves and Ginkgo products using (1)H-NMR. *Chemical and Pharmaceutical Bulletin*, **2003**, 51, 158-61	1.9	47
198	Broad range chemical profiling of natural deep eutectic solvent extracts using a high performance thin layer chromatography-based method. *Journal of Chromatography A*, **2018**, 1532, 198-207	4.5	46
197	Metabolic fingerprinting of Tomato Mosaic Virus infected Solanum lycopersicum. *Journal of Plant Physiology*, **2012**, 169, 1586-96	3.6	45
196	Metabolomic alterations in elicitor treated Silybum marianum suspension cultures monitored by nuclear magnetic resonance spectroscopy. *Journal of Biotechnology*, **2007**, 130, 133-42	3.7	45
195	Metabolomics-Driven Discovery of a Prenylated Isatin Antibiotic Produced by Streptomyces Species MBT28. *Journal of Natural Products*, **2015**, 78, 2355-63	4.9	44
194	Alkaloid accumulation in Catharanthus roseus cell suspension cultures fed with stemmadenine. *Biotechnology Letters*, **2004**, 26, 793-8	3	44
193	Natural product proteomining, a quantitative proteomics platform, allows rapid discovery of biosynthetic gene clusters for different classes of natural products. *Chemistry and Biology*, **2014**, 21, 707-18		43
192	Elicitation studies in cell suspension cultures of Cannabis sativa L. *Journal of Biotechnology*, **2009**, 143, 157-68	3.7	43
191	Application of two-dimensional J-resolved nuclear magnetic resonance spectroscopy to differentiation of beer. *Analytica Chimica Acta*, **2006**, 559, 264-270	6.6	43
190	Effects of enzyme inducers and inhibitors on the pharmacokinetics of metformin in rats: involvement of CYP2C11, 2D1 and 3A1/2 for the metabolism of metformin. *British Journal of Pharmacology*, **2006**, 149, 424-30	8.6	42

189	Looking to nature for a new concept in antimicrobial treatments: isoflavonoids from Cytisus striatus as antibiotic adjuvants against MRSA. *Scientific Reports*, **2017**, 7, 3777	4.9	41
188	Metabolic changes in different developmental stages of Vanilla planifolia pods. *Journal of Agricultural and Food Chemistry*, **2009**, 57, 7651-8	5.7	40
187	Analysis of metabolic variation and galanthamine content in Narcissus bulbs by 1H NMR. *Phytochemical Analysis*, **2010**, 21, 66-72	3.4	40
186	Liquid chromatography-diode array detection-electrospray ionisation mass spectrometry/nuclear magnetic resonance analyses of the anti-hyperglycemic flavonoid extract of Genista tenera. Structure elucidation of a flavonoid-C-glycoside. *Journal of Chromatography A*, **2005**, 1089, 59-64	4.5	40
185	Alterations in grapevine leaf metabolism upon inoculation with Plasmopara viticola in different time-points. *Plant Science*, **2012**, 191-192, 100-7	5.3	39
184	Quantitative analysis of strychnine and Brucine in Strychnos nux-vomica using 1H-NMR. *Planta Medica*, **2003**, 69, 1169-71	3.1	39
183	Seasonal accumulation of major alkaloids in organs of pharmaceutical crop Narcissus Carlton. *Phytochemistry*, **2013**, 88, 43-53	4	37
182	Supercritical fluid extraction and liquid chromatographic-electrospray mass spectrometric analysis of stevioside fromStevia rebaudiana leaves. *Chromatographia*, **2002**, 55, 617-620	2.1	36
181	Analysis of strychnine from detoxified Strychnos nux-vomica [corrected] seeds using liquid chromatography-electrospray mass spectrometry. *Journal of Ethnopharmacology*, **2004**, 93, 109-12	5	35
180	Metabolomics for the rapid dereplication of bioactive compounds from natural sources. *Phytochemistry Reviews*, **2013**, 12, 293-304	7.7	34
179	Pharmacokinetic interaction between itraconazole and metformin in rats: competitive inhibition of metabolism of each drug by each other via hepatic and intestinal CYP3A1/2. *British Journal of Pharmacology*, **2010**, 161, 815-29	8.6	34
178	Quantitative analysis of ginkgolic acids from Ginkgo leaves and products using 1H-NMR. *Phytochemical Analysis*, **2004**, 15, 325-30	3.4	34
177	Traditional processing strongly affects metabolite composition by hydrolysis in Rehmannia glutinosa roots. *Chemical and Pharmaceutical Bulletin*, **2011**, 59, 546-52	1.9	33
176	Natural Deep Eutectic Solvent Extraction of Flavonoids of as a Replacement for Conventional Organic Solvents. *Molecules*, **2020**, 25,	4.8	32
175	Perturbation of polyamine catabolism affects grape ripening of Vitis vinifera cv. Trincadeira. *Plant Physiology and Biochemistry*, **2014**, 74, 141-55	5.4	32
174	Probiotic supplementation influences faecal short chain fatty acids in infants at high risk for eczema. *Beneficial Microbes*, **2015**, 6, 783-90	4.9	32
173	Quantitative analysis of ephedrine analogues from ephedra species using 1H-NMR. *Chemical and Pharmaceutical Bulletin*, **2003**, 51, 1382-5	1.9	32
172	Strategies for supercritical fluid extraction of hyoscyamine and scopolamine salts using basified modifiers. *Journal of Chromatography A*, **1999**, 863, 47-55	4.5	32

171	Discovery of C-Glycosylpyranonaphthoquinones in Streptomyces sp. MBT76 by a Combined NMR-Based Metabolomics and Bioinformatics Workflow. *Journal of Natural Products*, **2017**, 80, 269-277	4.9	31
170	Plant bioassay to assess the effects of allelochemicals on the metabolome of the target species Aegilops geniculata by an NMR-based approach. *Phytochemistry*, **2013**, 93, 27-40	4	31
169	Olivetol as product of a polyketide synthase in Cannabis sativa L. *Plant Science*, **2004**, 166, 381-385	5.3	31
168	Antibiotic production in is organized by a division of labor through terminal genomic differentiation. *Science Advances*, **2020**, 6, eaay5781	14.3	29
167	Metabolic changes of salicylic acid-elicited Catharanthus roseus cell suspension cultures monitored by NMR-based metabolomics. *Biotechnology Letters*, **2009**, 31, 1967-74	3	29
166	Comparative quantitative analysis of artemisinin by chromatography and qNMR. *Phytochemical Analysis*, **2010**, 21, 451-6	3.4	28
165	Natural Deep Eutectic Solvents as Multifunctional Media for the Valorization of Agricultural Wastes. *ChemSusChem*, **2019**, 12, 1310-1315	8.3	27
164	Metabolomic tool to identify antioxidant compounds of Fraxinus angustifolia leaf and stem bark extracts. *Industrial Crops and Products*, **2016**, 88, 65-77	5.9	27
163	Quantitative analysis of amygdalin and prunasin in Prunus serotina Ehrh. using (1) H-NMR spectroscopy. *Phytochemical Analysis*, **2014**, 25, 122-6	3.4	27
162	Lugdunomycin, an Angucycline-Derived Molecule with Unprecedented Chemical Architecture. *Angewandte Chemie - International Edition*, **2019**, 58, 2809-2814	16.4	27
161	Metabolic profiling as a tool for prioritizing antimicrobial compounds. *Journal of Industrial Microbiology and Biotechnology*, **2016**, 43, 299-312	4.2	26
160	Effect of benzothiadiazole on the metabolome of Arabidopsis thaliana. *Plant Physiology and Biochemistry*, **2009**, 47, 146-52	5.4	26
159	Comparison of extraction methods for secologanin and the quantitative analysis of secologanin from Symphoricarpos albus using 1H-NMR. *Phytochemical Analysis*, **2004**, 15, 257-61	3.4	26
158	Towards eco-friendly crop protection: natural deep eutectic solvents and defensive secondary metabolites. *Phytochemistry Reviews*, **2017**, 16, 935-951	7.7	25
157	Glucosinolate profiling of Brassica rapa cultivars after infection by Leptosphaeria maculans and Fusarium oxysporum. *Biochemical Systematics and Ecology*, **2010**, 38, 612-620	1.4	25
156	Analysis of metabolites in the terpenoid pathway of Catharanthus roseus cell suspensions. *Plant Cell, Tissue and Organ Culture*, **2014**, 117, 225-239	2.7	24
155	Chemical interactions between plants in Mediterranean vegetation: the influence of selected plant extracts on Aegilops geniculata metabolome. *Phytochemistry*, **2014**, 106, 69-85	4	24
154	Effect of fertilizers on galanthamine and metabolite profiles in Narcissus bulbs by 1H NMR. *Journal of Agricultural and Food Chemistry*, **2011**, 59, 3155-61	5.7	24

153	Metabolic changes in Agrobacterium tumefaciens-infected Brassica rapa. *Journal of Plant Physiology*, **2009**, 166, 1005-14	3.6	24
152	NMR metabolomic analysis of fecal water from subjects on a vegetarian diet. *Biological and Pharmaceutical Bulletin*, **2008**, 31, 1192-8	2.3	24
151	Supercritical fluid extraction and liquid chromatography-electrospray mass analysis of vinblastine from Catharanthus roseus. *Chemical and Pharmaceutical Bulletin*, **2002**, 50, 1294-6	1.9	24
150	Metabolomics-guided analysis of isocoumarin production by species MBT76 and biotransformation of flavonoids and phenylpropanoids. *Metabolomics*, **2016**, 12, 90	4.7	24
149	Induction, characterization, and NMR-based metabolic profiling of adventitious root cultures from leaf explants of Gynura procumbens. *Plant Cell, Tissue and Organ Culture*, **2012**, 109, 465-475	2.7	23
148	Comprehensive review on herbal medicine for energy intake suppression. *Obesity Reviews*, **2011**, 12, 499-514	10.6	23
147	Biological variation of Vanilla planifolia leaf metabolome. *Phytochemistry*, **2010**, 71, 567-73	4	23
146	Activity of quinones from teak (Tectona grandis) on fungal cell wall stress. *Planta Medica*, **2006**, 72, 943-4	3.1	23
145	Incorporation of an invasive plant into a native insect herbivore food web. *PeerJ*, **2016**, 4, e1954	3.1	23
144	Pre-analytical method for NMR-based grape metabolic fingerprinting and chemometrics. *Analytica Chimica Acta*, **2011**, 703, 179-86	6.6	22
143	High performance liquid chromatography-electrospray lonization MS-MS analysis ofForsythia koreana fruits, leaves, and stems. Enhancement of the efficiency of extraction of arctigenin by use of supercritical-fluid extraction. *Chromatographia*, **2003**, 57, 73-79	2.1	22
142	Differential tissue distribution of metabolites in Jacobaea vulgaris, Jacobaea aquatica and their crosses. *Phytochemistry*, **2012**, 78, 89-97	4	21
141	Transgressive segregation of primary and secondary metabolites in F(2) hybrids between Jacobaea aquatica and J. vulgaris. *Metabolomics*, **2012**, 8, 211-219	4.7	21
140	Changes in metformin pharmacokinetics after intravenous and oral administration to rats with short-term and long-term diabetes induced by streptozotocin. *Journal of Pharmaceutical Sciences*, **2008**, 97, 5363-75	3.9	21
139	Plant anticancer agents, XLVI. Cytotoxic casbane-type constituents of Agrostistachys hookeri. *Journal of Natural Products*, **1988**, 51, 110-6	4.9	21
138	A simple and rapid HPLC-DAD method for simultaneously monitoring the accumulation of alkaloids and precursors in different parts and different developmental stages of Catharanthus roseus plants. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2016**, 1014, 10-6	3.2	20
137	A comparison on the metabolic profiling of the Mexican anxiolytic and sedative plant Galphimia glauca four years later. *Journal of Ethnopharmacology*, **2012**, 141, 964-74	5	20
136	An investigation of the antidepressant action of xiaoyaosan in rats using ultra performance liquid chromatography-mass spectrometry combined with metabonomics. *Phytotherapy Research*, **2013**, 27, 1074-85	6.7	20

135	Antistaphylococcal Prenylated Acylphoroglucinol and Xanthones from Kielmeyera variabilis. *Journal of Natural Products*, **2016**, 79, 470-6	4.9	19
134	Identification of novel endophenaside antibiotics produced by Kitasatospora sp. MBT66. *Journal of Antibiotics*, **2015**, 68, 445-52	3.7	19
133	Pharmacokinetic and pharmacodynamic interaction between nifedipine and metformin in rats: competitive inhibition for metabolism of nifedipine and metformin by each other via CYP isozymes. *Xenobiotica*, **2012**, 42, 483-95	2	19
132	Metabolic characterization of Withania somnifera from different regions of India using NMR spectroscopy. *Planta Medica*, **2011**, 77, 1958-64	3.1	19
131	Metabolic fingerprinting by 1HNMR for discrimination of the two species used as Radix Bupleuri. *Planta Medica*, **2012**, 78, 926-33	3.1	19
130	NMR metabolomics for identification of adenosine A1 receptor binding compounds from Boesenbergia rotunda rhizomes extract. *Journal of Ethnopharmacology*, **2013**, 150, 95-9	5	18
129	Effect of acute stresses on zebra fish (Danio rerio) metabolome measured by NMR-based metabolomics. *Planta Medica*, **2014**, 80, 1227-33	3.1	18
128	Steroidal glycosides of the 14,15-seco-18-nor-pregnane series from Cynanchum ascyrifolium. *Phytochemistry*, **1998**, 49, 1129-33	4	18
127	Extending pharmacological dose-response curves for salsalate with natural deep eutectic solvents. *RSC Advances*, **2015**, 5, 61398-61401	3.7	17
126	Identification of bioactive metabolites against adenosine A1 receptor using NMR-based metabolomics. *Metabolomics*, **2013**, 9, 778-785	4.7	17
125	Effects of cytochrome P450 inducers and inhibitors on the pharmacokinetics of intravenous furosemide in rats: involvement of CYP2C11, 2E1, 3A1 and 3A2 in furosemide metabolism. *Journal of Pharmacy and Pharmacology*, **2010**, 61, 47-54	4.8	17
124	Optimum SFE condition for lignans ofSchisandra chinensis fruits. *Chromatographia*, **1998**, 48, 695-699	2.1	17
123	Organogenic nodule development in hop (Humulus lupulus L.): transcript and metabolic responses. *BMC Genomics*, **2008**, 9, 445	4.5	17
122	Leucanicidin and Endophenasides Result from Methyl-Rhamnosylation by the Same Tailoring Enzymes in Kitasatospora sp. MBT66. *ACS Chemical Biology*, **2016**, 11, 478-90	4.9	16
121	NMR spectroscopy and chemometrics as a tool for anti-TNF□activity screening in crude extracts of grapes and other berries. *Metabolomics*, **2012**, 8, 1148-1161	4.7	16
120	Isolation of a potent anti-MRSA sesquiterpenoid quinone from Ulmus davidiana var. japonica. *Chemical and Pharmaceutical Bulletin*, **2000**, 48, 1805-6	1.9	16
119	H-NMR analysis of feces: new possibilities in the helminthes infections research. *BMC Infectious Diseases*, **2017**, 17, 275	4	15
118	Above-ground plant metabolomic responses to plant□oil feedbacks and herbivory. *Journal of Ecology*, **2020**, 108, 1703-1712	6	15

117	Metabolic alteration of cell suspension cultures overexpressing in the plastids or cytosol. *Plant Cell, Tissue and Organ Culture*, **2018**, 134, 41-53	2.7	15
116	Culturing Synechocystis sp. Strain PCC 6803 with N2 and CO2 in a Diel Regime Reveals Multiphase Glycogen Dynamics with Low Maintenance Costs. *Applied and Environmental Microbiology*, **2016**, 82, 4180-4189	4.8	15
115	Dose-dependent pharmacokinetics and first-pass effects of mirodenafil, a new erectogenic, in rats. *Biopharmaceutics and Drug Disposition*, **2009**, 30, 305-17	1.7	15
114	Metabolic fingerprinting reveals differences between shoots of wild and cultivated carrot (Daucus carota L.) and suggests maternal inheritance or wild trait dominance in hybrids. *Phytochemistry*, **2011**, 72, 1341-7	4	15
113	Metabolic analysis of elicited cell suspension cultures of Cannabis sativa L. by (1)H-NMR spectroscopy. *Biotechnology Letters*, **2010**, 32, 935-41	3	15
112	Pre-analytical method for metabolic profiling of plant cell cultures of Passiflora garckei. *Biotechnology Letters*, **2008**, 30, 2031-6	3	15
111	Extraction of epicuticular wax and nonacosan-10-OL fromEphedra herb utilizing supercritical carbon dioxide. *Korean Journal of Chemical Engineering*, **1996**, 13, 216-219	2.8	15
110	Proximate mechanisms of drought resistance in Phytoseiulus persimilis eggs. *Experimental and Applied Acarology*, **2019**, 79, 279-298	2.1	15
109	Metabolomic plasticity in GM and non-GM potato leaves in response to aphid herbivory and virus infection. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 1488-93	5.7	14
108	Supercritical carbon dioxide extraction of podophyllotoxin from Dysosma pleiantha roots. *Planta Medica*, **1998**, 64, 482-3	3.1	14
107	Aromatic Polyketide GTRI-02 is a Previously Unidentified Product of the act Gene Cluster in Streptomyces coelicolor A3(2). *ChemBioChem*, **2017**, 18, 1428-1434	3.8	13
106	Plant Latex, from Ecological Interests to Bioactive Chemical Resources. *Planta Medica*, **2019**, 85, 856-868	3.1	13
105	Fungal endophytes of Vanilla planifolia across Réunion Island: isolation, distribution and biotransformation. *BMC Plant Biology*, **2015**, 15, 142	5.3	13
104	NMR-based metabolomics: a probe to utilize biodiversity. *Methods in Molecular Biology*, **2013**, 1055, 117-27	1.4	13
103	Metabolic alterations and distribution of five-carbon precursors in jasmonic acid-elicited Catharanthus roseus cell suspension cultures. *Plant Cell, Tissue and Organ Culture*, **2015**, 122, 351-362	2.7	13
102	Phenolic constituents of Gnaphalium uliginosum L.. *Phytochemistry Letters*, **2010**, 3, 45-47	1.9	13
101	Comparison of supercritical carbon dioxide extraction with solvent extraction of nonacosan-10-ol, α-amyrin acetate, squalene and stigmasterol from medicinal plants. *Phytochemical Analysis*, **1997**, 8, 233-237	3.4	13
100	NMR assignment of iso-alpha-acids from isomerised extracts of Humulus lupulus L. cones. *Phytochemical Analysis*, **2007**, 18, 371-7	3.4	13

99	Quantitative analysis of retinol and retinol palmitate in vitamin tablets using 1H-nuclear magnetic resonance spectroscopy. *Analytica Chimica Acta*, **2004**, 512, 141-147	6.6	13
98	Solubility and Stability of Some Pharmaceuticals in Natural Deep Eutectic Solvents-Based Formulations. *Molecules*, **2021**, 26,	4.8	13
97	Effect of functional groups on the solubilities of coumarin derivatives in supercritical carbon dioxide. *Chromatographia*, **1998**, 47, 93-97	2.1	12
96	Pharmacokinetics of intravenous methotrexate in mutant Nagase analbuminemic rats. *Biopharmaceutics and Drug Disposition*, **2007**, 28, 385-92	1.7	12
95	Metabolic comparison of cryopreserved and normal cells from Tabernaemontana divaricata suspension cultures. *Plant Cell, Tissue and Organ Culture*, **2005**, 83, 59-66	2.7	12
94	Natural Deep Eutectic Solvents as Performance Additives for Peroxygenase Catalysis. *ChemCatChem*, **2020**, 12, 989-994	5.2	12
93	Methyljasmonate Elicitation Increases Terpenoid Indole Alkaloid Accumulation in Hairy Root Cultures. *Plants*, **2019**, 8,	4.5	12
92	Investigation of chemomarkers of astragali radix of different ages and geographical origin by NMR profiling. *Molecules*, **2015**, 20, 3389-405	4.8	11
91	Effects of fungicides on galanthamine and metabolite profiles in Narcissus bulbs. *Plant Physiology and Biochemistry*, **2012**, 58, 116-23	5.4	11
90	Plant Metabolomics: From Holistic Data to Relevant Biomarkers. *Current Medicinal Chemistry*, **2013**, 20, 1056-1090	4.3	11
89	Effects of tesmilifene, a substrate of CYP3A and an inhibitor of P-glycoprotein, on the pharmacokinetics of intravenous and oral docetaxel in rats. *Journal of Pharmacy and Pharmacology*, **2010**, 62, 1084-8	4.8	11
88	Pharmacokinetic interaction between DA-8159, a new erectogenic, and metformin in rats: competitive inhibition of metabolism via hepatic CYP3A1/2. *British Journal of Pharmacology*, **2008**, 153, 1568-78	8.6	11
87	Effect of plant matrix and fluid ethanol concentration on supercritical fluid extraction efficiency of schisandrin derivatives. *Journal of Chromatographic Science*, **1999**, 37, 457-61	1.4	11
86	Selective extraction of ephedrine fromEphedra sinica using mixtures of CO2, diethylamine, and methanol. *Chromatographia*, **1999**, 50, 673-679	2.1	11
85	Discrimination of wild types and hybrids of Duboisia myoporoides and Duboisia leichhardtii at different growth stages using H NMR-based metabolite profiling and tropane alkaloids-targeted HPLC-MS analysis. *Phytochemistry*, **2016**, 131, 44-56	4	11
84	Identification of a Collagenase-Inhibiting Flavonoid from Alchemilla vulgaris Using NMR-Based Metabolomics. *Planta Medica*, **2018**, 84, 941-946	3.1	11
83	Metabolic variation in Cistus monspeliensis L. ecotypes correlated to their plant-fungal interactions. *Phytochemistry*, **2020**, 176, 112402	4	10
82	Genotypic differences in metabolomic changes during storage induced-degreening of chrysanthemum disk florets. *Postharvest Biology and Technology*, **2016**, 115, 48-59	6.2	10

81	Metabolic discrimination of pine resins using multiple analytical platforms. *Phytochemistry*, **2018**, 155, 37-44	4	10
80	Metabolic characterization of green pods from Vanilla planifolia accessions grown in La R□nion. *Environmental and Experimental Botany*, **2011**, 72, 258-265	5.9	10
79	Metabolomics: what's new?. *Flavour and Fragrance Journal*, **2010**, 25, 128-131	2.5	10
78	Supercritical-fluid extraction of bilobalide and ginkgolides fromGinkgo biloba leaves by use of a mixture of carbon dioxide, methanol, and water. *Chromatographia*, **2002**, 56, 753-757	2.1	10
77	A new triterpene lactone from the roots of Patrinia scabiosaefolia. *Archives of Pharmacal Research*, **2001**, 24, 416-7	6.1	10
76	Modifier effects on supercritical CO2 extraction efficiency of cephalotaxine from Cephalotaxus wilsoniana leaves. *Archives of Pharmacal Research*, **2000**, 23, 163-6	6.1	10
75	Identification of antiplasmodial triterpenes from Keetia species using NMR-based metabolic profiling. *Metabolomics*, **2019**, 15, 27	4.7	9
74	Metabolic changes in Euphorbia palusrtis latex after fungal infection. *Phytochemistry*, **2016**, 131, 17-25	4	9
73	Zebrafish as a Model for Systems Medicine R&D: Rethinking the Metabolic Effects of Carrier Solvents and Culture Buffers Determined by (1)H NMR Metabolomics. *OMICS A Journal of Integrative Biology*, **2016**, 20, 42-52	3.8	9
72	Environmentally benign supercritical CO2 extraction of galanthamine from floricultural crop waste of Narcissus pseudonarcissus. *Journal of Supercritical Fluids*, **2014**, 93, 7-19	4.2	9
71	Metabolome of Vanilla planifolia (Orchidaceae) and related species under Cymbidium mosaic virus (CymMV) infection. *Plant Physiology and Biochemistry*, **2012**, 60, 25-34	5.4	9
70	Metabolic changes of Brassica rapa transformed with a bacterial isochorismate synthase gene. *Journal of Plant Physiology*, **2010**, 167, 1525-32	3.6	9
69	Metabolic alterations in different developmental stages of Pilocarpus microphyllus. *Planta Medica*, **2011**, 77, 293-300	3.1	9
68	Genotype□nvironment interactions affect flower and fruit herbivory and plant chemistry of Arabidopsis thaliana in a transplant experiment. *Ecological Research*, **2009**, 24, 1161-1171	1.9	9
67	Slower clearance of intravenous metformin in rats with acute renal failure induced by uranyl nitrate: contribution of slower renal and non-renal clearances. *European Journal of Pharmaceutical Sciences*, **2010**, 39, 1-7	5.1	9
66	Metabolomic Analysis of Catharanthus roseus Using NMR and Principal Component Analysis **2006**, 261-276		9
65	Pharmacokinetics of 5-fluorouracil in rats with diabetes mellitus induced by streptozotocin. *Biopharmaceutics and Drug Disposition*, **2005**, 26, 93-8	1.7	9
64	Metabolite analysis of Cannabis sativa L. by NMR spectroscopy. *Methods in Molecular Biology*, **2012**, 815, 363-75	1.4	9

63	Increasing Metabolic Diversity in Marine Sponges Extracts by Controlling Extraction Parameters. *Marine Drugs*, **2018**, 16,	6	9
62	Investigation of species and environmental effects on rhubarb roots metabolome using H NMR combined with high performance thin layer chromatography. *Metabolomics*, **2018**, 14, 137	4.7	9
61	Influence of Geographical Location on the Metabolic Production of Giant Barrel Sponges (spp.) Revealed by Metabolomics Tools. *ACS Omega*, **2020**, 5, 12398-12408	3.9	8
60	Metabolic effects of cannabinoids in zebrafish (Danio rerio) embryos determined by 1H NMR metabolomics. *Metabolomics*, **2016**, 12, 1	4.7	8
59	Red wines attenuate TNF□production in human histiocytic lymphoma cell line: an NMR spectroscopy and chemometrics based study. *Food Chemistry*, **2013**, 141, 3124-30	8.5	8
58	Investigation of the chemomarkers correlated with flower colour in different organs of Catharanthus roseus using NMR-based metabolomics. *Phytochemical Analysis*, **2014**, 25, 66-74	3.4	8
57	New phytochemicals from the corms of medicinally important South African Hypoxis species. *Phytochemistry Letters*, **2014**, 10, lxix-lxxv	1.9	8
56	HPLC-electrospray ionization-MS-MS analysis of Cephalotaxus harringtonia leaves and enhancement of the extraction efficiency of alkaloids therein by SFE. *Journal of Chromatographic Science*, **2003**, 41, 67-72	1.4	8
55	A steroidal glycoside from Lepisorus ussuriensis. *Phytochemistry*, **1999**, 51, 453-456	4	8
54	A flavonoid diglycoside from Lepisorus ussuriensis. *Phytochemistry*, **1996**, 43, 1111-3	4	8
53	Antibiotic adjuvants from Buxus sempervirens to promote effective treatment of drug-resistant Staphylococcus aureus biofilms. *RSC Advances*, **2016**, 6, 95000-95009	3.7	8
52	Global warming shifts the composition of the abundant bacterial phyllosphere microbiota as indicated by a cultivation-dependent and -independent study of the grassland phyllosphere of a long-term warming field experiment. *FEMS Microbiology Ecology*, **2020**, 96,	4.3	7
51	Nuclear Magnetic Resonance Spectroscopy for Plant Metabolite Profiling **2013**, 57-76		7
50	Pharmacokinetics and first-pass effects of epsilon-acetamidocaproic acid after administration of zinc acexamate in rats. *Xenobiotica*, **2010**, 40, 485-98	2	7
49	Supercritical fluid extraction and bioassay identification of prodrug substances from natural resources. *Korean Journal of Chemical Engineering*, **1997**, 14, 109-116	2.8	7
48	Pharmacokinetics of 5-fluorouracil in mutant Nagase analbuminemic rats: faster metabolism of 5-fluorouracil via CYP1A. *Biopharmaceutics and Drug Disposition*, **2007**, 28, 87-95	1.7	7
47	Chrysopentamine, an antiplasmodial anhydronium base from Strychnos usambarensis leaves. *Planta Medica*, **2004**, 70, 72-6	3.1	7
46	Antimutagenic, antigenotoxic and antiproliferative activities of Fraxinus angustifolia Vahl. leaves and stem bark extracts and their phytochemical composition. *PLoS ONE*, **2020**, 15, e0230690	3.7	7

45	Effect of Benzothiadiazole on the Metabolome of Tomato Plants Infected by Citrus Exocortis Viroid. *Viruses*, **2019**, 11,	6.2	6
44	NMR Analysis of Fecal Samples. *Methods in Molecular Biology*, **2018**, 1730, 317-328	1.4	5
43	Metabolic Profiling of Saponin-Rich Ophiopogon japonicus Roots Based on 1H NMR and HPTLC Platforms. *Planta Medica*, **2019**, 85, 917-924	3.1	5
42	INVESTIGATION OF BRASSICA BIOCHEMICAL STATUS BY NMR-BASED METABOLOMICS. *Acta Horticulturae*, **2012**, 163-172	0.3	5
41	Effects of cysteine on metformin pharmacokinetics in rats with protein-calorie malnutrition: partial restoration of some parameters to control levels. *Journal of Pharmacy and Pharmacology*, **2008**, 60, 153-61	1.8	5
40	Effects of bacterial lipopolysaccharide on the pharmacokinetics of metformin in rats. *International Journal of Pharmaceutics*, **2007**, 337, 194-201	6.5	5
39	New pregnane glycosides from Cynanchum ascyrifolium. *Chemical and Pharmaceutical Bulletin*, **2002**, 50, 847-9	1.9	5
38	Natural deep eutectic solvents as biofilm structural breakers. *Water Research*, **2021**, 201, 117323	12.5	5
37	NMR-Based Metabolomics Analysis **2013**, 209-238		4
36	Limitation of Mitragynine Biosynthesis in Mitragyna speciosa (Roxb.) Korth. through Tryptamine Availability. *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **2013**, 68, 394-405	1.7	4
35	Pharmacokinetic interaction between ?-acetamidocaproic acid (AACA) and cimetidine in indomethacin-induced acute gastric ulcer and control rats: inhibition of active renal secretion of AACA by cimetidine. *Xenobiotica*, **2011**, 41, 409-15	2	4
34	Effects of water deprivation on the pharmacokinetics of metformin in rats. *Biopharmaceutics and Drug Disposition*, **2007**, 28, 373-83	1.7	4
33	Synergy: Easier to say than to prove. *Synergy*, **2018**, 7, 34-35	0.9	4
32	Single Step Purification of Salicylic Acid from Catharanthus roseus Cell Culture (Plant Material) by Anion Exchange for NMR Analysis. *Journal of Liquid Chromatography and Related Technologies*, **2008**, 31, 702-713	1.3	3
31	Natural Deep Eutectic Solvents: From Their Discovery to Their Applications **2019**, 61-81		3
30	Localization of Major Ephedra Alkaloids in Whole Aerial Parts of Ephedrae Herba Using Direct Analysis in Real Time-Time of Flight-Mass Spectrometry. *Molecules*, **2021**, 26,	4.8	3
29	Metabolomics on the study of marine organisms.. *Metabolomics*, **2022**, 18, 17	4.7	3
28	Lugdunomycin, an Angucycline-Derived Molecule with Unprecedented Chemical Architecture. *Angewandte Chemie*, **2019**, 131, 2835-2840	3.6	2

27	Soil Inoculation Alters Leaf Metabolic Profiles in Genetically Identical Plants. *Journal of Chemical Ecology*, **2020**, 46, 745-755	2.7	2
26	Co-cultivation of Synechocystis salina and Pseudokirchneriella subcapitata under varying phosphorus concentrations evidences an allelopathic competition scenario. *RSC Advances*, **2016**, 6, 56091-56100	3.7	2
25	Metabolomics reveals novel insight on dormancy of aquatic invertebrate encysted embryos. *Scientific Reports*, **2019**, 9, 8878	4.9	2
24	New Methods of Analysis and Investigation of Terpenoid Indole Alkaloids. *Advances in Botanical Research*, **2013**, 68, 233-272	2.2	2
23	Metabolic fingerprinting of banana passion fruits and its correlation with quorum quenching activity. *Phytochemistry*, **2020**, 172, 112272	4	2
22	CHAPTER 9:NMR-based Metabolomics: Understanding Plant Chemistry and Identification of Biologically Active Compounds. *New Developments in NMR*, **2018**, 246-263	0.9	2
21	Honey in traditional Chinese medicine: A guide to future applications of NADES to medicines. *Advances in Botanical Research*, **2021**, 97, 361-384	2.2	2
20	Natural deep eutectic solvents in plants and plant cells: In vitro evidence for their possible functions. *Advances in Botanical Research*, **2021**, 159-184	2.2	2
19	Flavonol glycosides from aerial parts of Astragalus thracicus Griseb. *Phytochemistry Letters*, **2021**, 41, 119-122	1.9	2
18	Application of eco-metabolomics in biological science **2016**,		1
17	Time-dependent effects of Klebsiella pneumoniae endotoxin on the pharmacokinetics of chlorzoxazone and its main metabolite, 6-hydroxychlorzoxazone, in rats: restoration of the parameters in 96 hour in KPLPS rats to control levels. *Biopharmaceutics and Drug Disposition*, **2009**, 30, 485-93	1.7	1
16	Effect of Functional Groups on the Solubilities of Coumarin Derivatives in Supercritical Carbon Dioxide. *ACS Symposium Series*, **1997**, 110-118	0.4	1
15	Preanalytical Treatments: Extraction With Deep Eutectic Solvents **2020**, 565-590		1
14	Morphological and Chemical Factors Related to Western Flower Thrips Resistance in the Ornamental Gladiolus. *Plants*, **2021**, 10,	4.5	1
13	Latex Metabolome of Euphorbia Species: Geographical and Inter-Species Variation and its Proposed Role in Plant Defense against Herbivores and Pathogens. *Journal of Chemical Ecology*, **2021**, 47, 564-576	2.7	0
12	Structural properties and stability of the Betaine-Urea natural deep eutectic solvent. *Journal of Molecular Liquids*, **2021**, 343, 117655	6	0
11	Seasonal Changes in Starch Content in Trophopods ofMatteuccia struthiopteris. *American Fern Journal*, **2016**, 106, 153-160	0.6	
10	Profiling the jasmonic acid responses by nuclear magnetic resonance-based metabolomics. *Methods in Molecular Biology*, **2013**, 1011, 267-75	1.4	

List of Publications

9	Metabolic variation in Caribbean giant barrel sponges: Influence of age and sea-depth. *Marine Environmental Research*, **2021**, 172, 105503	3.3
8	Host and Guest: Vanilla Inhabited by Endophytes **2016**, 1-28	
7	Host and Guest: Vanilla Inhabited by Endophytes **2017**, 191-217	
6	Chemical Differentiation of Plant Latexes and Their Anti-herbivory Activity against Thrips Frankliniella occidentalis. *Planta Medica*, **2021**, 87, 1032-1044	3.1
5	Natural deep eutectic solvents present in plant exudates? A case study on the saps of Drosera species. *Advances in Botanical Research*, **2021**, 253-269	2.2
4	HPTLC, A Supplementary Tool for Metabolic Profiling and Metabolomics **2018**, 59-59	
3	Limitation of mitragynine biosynthesis in Mitragyna speciosa (Roxb.) Korth. through tryptamine availability. *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **2013**, 68, 394-405	1.7
2	Faster clearance of mirodenafil in rats with acute renal failure induced by uranyl nitrate: contribution of increased protein expression of hepatic CYP3A1 and intestinal CYP1A1 and 3A1/2. *Journal of Pharmacy and Pharmacology*, **2009**, 61, 1325-32	4.8
1	Metabolomics9-28	