

Sang Un Park

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8213740/sang-un-park-publications-by-year.pdf>
Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

230 papers	3,757 citations	33 h-index	44 g-index
246 ext. papers	4,687 ext. citations	3.8 avg, IF	5.6 L-index

#	Paper	IF	Citations
230	Effects of light conditions on growth and glucosinolate content of Chinese cabbage grown in a plant factory. <i>Acta Horticulturae</i> , 2022 , 171-178	0.3	0
229	Metabolic Profiling of White and Green Radish Cultivars (<i>Raphanus sativus</i>). <i>Horticulturae</i> , 2022 , 8, 310	2.5	0
228	Identification, Characterization, and Expression Analysis of Carotenoid Biosynthesis Genes and Carotenoid Accumulation in Watercress (<i>R. Br.</i>).. <i>ACS Omega</i> , 2022 , 7, 430-442	3.9	2
227	Application of Fourier Transform Infrared Spectroscopy and Multivariate Analysis Methods for the Non-Destructive Evaluation of Phenolics Compounds in Moringa Powder. <i>Agriculture (Switzerland)</i> , 2022 , 12, 10	3	1
226	Flavonoids for treatment of Alzheimer's disease: An up to date review. <i>EXCLI Journal</i> , 2021 , 20, 495-502	2.4	1
225	Recent studies on pinene and its biological and pharmacological activities. <i>EXCLI Journal</i> , 2021 , 20, 812-818	2.1	0
224	Metabolomic Variability of Different Soybean Genotypes: β -Carotene-Enhanced (), Wild (), and Hybrid (β) Soybeans. <i>Foods</i> , 2021 , 10,	4.9	2
223	Estimation of Glucosinolates and Anthocyanins in Kale Leaves Grown in a Plant Factory Using Spectral Reflectance. <i>Horticulturae</i> , 2021 , 7, 56	2.5	2
222	Enhancement of the flavone contents of <i>Scutellaria baicalensis</i> hairy roots via metabolic engineering using maize Lc and <i>Arabidopsis</i> PAP1 transcription factors. <i>Metabolic Engineering</i> , 2021 , 64, 64-73	9.7	12
221	The Effect of Different Drying Methods on Primary and Secondary Metabolites in Korean Mint Flower. <i>Agronomy</i> , 2021 , 11, 698	3.6	4
220	Effect of Light and Dark on the Phenolic Compound Accumulation in Tartary Buckwheat Hairy Roots Overexpressing. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	7
219	FtBPM3 modulates the orchestration of FtMYB11-mediated flavonoids biosynthesis in Tartary buckwheat. <i>Plant Biotechnology Journal</i> , 2021 , 19, 1285-1287	11.6	4
218	Impact of Betaine Under Salinity on Accumulation of Phenolic Compounds in Safflower (<i>Carthamus tinctorius</i> L.) Sprouts. <i>Natural Product Communications</i> , 2021 , 16, 1934578X2110150	0.9	0
217	Transcriptomic Analysis, Cloning, Characterization, and Expression Analysis of Triterpene Biosynthetic Genes and Triterpene Accumulation in the Hairy Roots of Exposed to Methyl Jasmonate. <i>ACS Omega</i> , 2021 , 6, 12820-12830	3.9	5
216	Resveratrol Biosynthesis in Hairy Root Cultures of Tan and Purple Seed Coat Peanuts. <i>Agronomy</i> , 2021 , 11, 975	3.6	2
215	Integrated Analysis of Transcriptome and Metabolome and Evaluation of Antioxidant Activities in. <i>Antioxidants</i> , 2021 , 10,	7.1	2
214	Impact of copper treatment on phenylpropanoid biosynthesis in adventitious root culture of L. <i>Preparative Biochemistry and Biotechnology</i> , 2021 , 1-9	2.4	1

213	Metabolite Profiling Reveals Distinct Modulation of Complex Metabolic Networks in Non-Pigmented, Black, and Red Rice (L.) Cultivars. <i>Metabolites</i> , 2021 , 11,	5.6	6
212	Evaluation of Growth, Yield, and Biochemical Attributes of Bitter Gourd (L.) Cultivars under Karaj Conditions in Iran. <i>Plants</i> , 2021 , 10,	4.5	3
211	Production of rosmarinic acid and correlated gene expression in hairy root cultures of green and purple basil (L.). <i>Preparative Biochemistry and Biotechnology</i> , 2021 , 51, 35-43	2.4	11
210	Treasure from garden: Bioactive compounds of buckwheat. <i>Food Chemistry</i> , 2021 , 335, 127653	8.5	37
209	Yeast extract improved biosynthesis of astragalosides in hairy root cultures of. <i>Preparative Biochemistry and Biotechnology</i> , 2021 , 51, 467-474	2.4	8
208	Metabolomic analysis reveals the interaction of primary and secondary metabolism in white, pale green, and green pak choi (<i>Brassica rapa</i> subsp. <i>chinensis</i>). <i>Applied Biological Chemistry</i> , 2021 , 64,	2.9	7
207	Profiles of Secondary Metabolites (Phenolic Acids, Carotenoids, Anthocyanins, and Galantamine) and Primary Metabolites (Carbohydrates, Amino Acids, and Organic Acids) during Flower Development in. <i>Biomolecules</i> , 2021 , 11,	5.9	5
206	Metabolic profiling and antioxidant activity during flower development in. <i>Physiology and Molecular Biology of Plants</i> , 2021 , 27, 445-455	2.8	7
205	Molecular Characterization, Expression Analysis of Carotenoid, Xanthophyll, Apocarotenoid Pathway Genes, and Carotenoid and Xanthophyll Accumulation in L. <i>Plants</i> , 2021 , 10,	4.5	1
204	Accumulation of Phenolic Compounds and Glucosinolates in Sprouts of Pale Green and Purple Kohlrabi (<i>Brassica oleracea</i> var. <i>gongylodes</i>) under Light and Dark Conditions. <i>Agronomy</i> , 2021 , 11, 1939	3.6	2
203	Comparative Analysis of Secondary Metabolites and Metabolic Profiling between Diploid and Tetraploid L. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 1300-1307	5.7	11
202	Comparison of Secondary Metabolite Contents and Metabolic Profiles of Six <i>Lycoris</i> Species. <i>Horticulturae</i> , 2021 , 7, 5	2.5	2
201	Expression Analysis of Phenylpropanoid Pathway Genes and Metabolomic Analysis of Phenylpropanoid Compounds in Adventitious, Hairy, and Seedling Roots of Tartary Buckwheat.. <i>Plants</i> , 2021 , 11,	4.5	2
200	Elevated Ozone Levels Affect Metabolites and Related Biosynthetic Genes in Tartary Buckwheat. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 14758-14767	5.7	3
199	Enhancement of phenylpropanoid accumulation in tartary buckwheat hairy roots by overexpression of MYB transcription factors. <i>Industrial Crops and Products</i> , 2020 , 156, 112887	5.9	4
198	Identification and analysis of phenylpropanoid biosynthetic genes and phenylpropanoid accumulation in watercress (R. Br.). <i>3 Biotech</i> , 2020 , 10, 260	2.8	2
197	An update on biosynthesis and regulation of carotenoids in plants. <i>South African Journal of Botany</i> , 2020 , 140, 290-290	2.9	15
196	Production of Flavonoids in Callus Cultures of Aiton. <i>Plants</i> , 2020 , 9,	4.5	5

195	Effect of Salinity Stress on Phenylpropanoid Genes Expression and Related Gene Expression in Wheat Sprout. <i>Agronomy</i> , 2020 , 10, 390	3.6	8
194	Blue and White LED Lights Enhance Biosynthesis of Rosmarinic Acid in Cell Culture of <i>Agastache rugosa</i> . <i>OnLine Journal of Biological Sciences</i> , 2020 , 20, 107-114	1	
193	Integrated Proteomics and Metabolomics Analysis Highlights Correlative Metabolite-Protein Networks in Soybean Seeds Subjected to Warm-Water Soaking. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 8057-8067	5.7	8
192	Accumulation of Anthocyanins through Overexpression of AtPAP1 in <i>Solanum nigrum</i> Lin. (Black Nightshade). <i>Biomolecules</i> , 2020 , 10,	5.9	12
191	Metabolic Profiling-Based Evaluation of the Fermentative Behavior of and for Soybean Residues Treated at Different Temperatures. <i>Foods</i> , 2020 , 9,	4.9	14
190	Red Chinese Cabbage Transcriptome Analysis Reveals Structural Genes and Multiple Transcription Factors Regulating Reddish Purple Color. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
189	Influence of light-emitting diodes on phenylpropanoid biosynthetic gene expression and phenylpropanoid accumulation in <i>Agastache rugosa</i> . <i>Applied Biological Chemistry</i> , 2020 , 63,	2.9	9
188	Betaine Hydrochloride Treatment Affects Growth and Phenylpropanoid Accumulation in Tartary Buckwheat (<i>Fagopyrum tataricum</i>) Seedlings under Salt Stress. <i>Agronomy</i> , 2020 , 10, 906	3.6	1
187	Effects of Light-Emitting Diodes on the Accumulation of Phenolic Compounds and Glucosinolates in <i>Brassica juncea</i> Sprouts. <i>Horticulturae</i> , 2020 , 6, 77	2.5	9
186	Metabolic Profiling of Primary Metabolites and Galantamine Biosynthesis in Wounded Callus. <i>Plants</i> , 2020 , 9,	4.5	3
185	Metabolite Profiling and Comparative Analysis of Secondary Metabolites in Chinese Cabbage, Radish, and Hybrid. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 13711-13719	5.7	9
184	Molecular Characterization of Terpenoid Biosynthetic Genes and Terpenoid Accumulation in <i>Phlomis umbrosa</i> Turczaninow. <i>Horticulturae</i> , 2020 , 6, 76	2.5	1
183	Integrated Analysis of Transcriptome and Metabolome in <i>Fisch ex DC</i> . <i>ACS Omega</i> , 2020 , 5, 29312-29324, 3.9	3.9	2
182	Metabolite Profiling and Chemometric Study for the Discrimination Analyses of Geographic Origin of <i>Perilla</i> () and <i>Sesame</i> () Seeds. <i>Foods</i> , 2020 , 9,	4.9	1
181	Transcriptome Analysis and Metabolic Profiling of Green and Red Mizuna (<i>L. var.</i>). <i>Foods</i> , 2020 , 9,	4.9	9
180	Biosynthesis of phenylpropanoids and their protective effect against heavy metals in nitrogen-fixing black locust (<i>Robinia pseudoacacia</i>). <i>Tropical Journal of Pharmaceutical Research</i> , 2020 , 19, 1065-1072	0.8	1
179	Metabolic Analysis of Carotenoids and Phenolic Compounds Found in Green and Purple Kenaf. <i>Natural Product Communications</i> , 2020 , 15, 1934578X2097113	0.9	
178	Improvement of Phenylpropanoid Production with Elicitor Treatments in <i>Pimpinella brachycarpa</i> Nakai. <i>Horticulturae</i> , 2020 , 6, 108	2.5	0

177	Dynamics of Short-Term Metabolic Profiling in Radish Sprouts (L.) in Response to Nitrogen Deficiency. <i>Plants</i> , 2019 , 8,	4.5	3
176	Diosgenin Biosynthesis in the Sprouts of Fenugreek as Influenced by Chitosan. <i>OnLine Journal of Biological Sciences</i> , 2019 , 19, 104-109	1	1
175	Transcriptome Analysis and Metabolic Profiling of. <i>Biology</i> , 2019 , 8,	4.9	26
174	Metabolic Analysis of Four Cultivars of. <i>Metabolites</i> , 2019 , 9,	5.6	7
173	Comparative analysis of glucosinolate production in hairy roots of green and red kale (var.). <i>Preparative Biochemistry and Biotechnology</i> , 2019 , 49, 775-782	2.4	3
172	Metabolic profiling reveals glucose and fructose accumulation in gcr1 knock-out mutant of Arabidopsis. <i>Applied Biological Chemistry</i> , 2019 , 62,	2.9	4
171	Influence of Chitosan, Salicylic Acid and Jasmonic Acid on Phenylpropanoid Accumulation in Germinated Buckwheat (Moench). <i>Foods</i> , 2019 , 8,	4.9	23
170	Chemical Compositions of the Volatile Oils and Antibacterial Screening of Solvent Extract from Downy Lavender. <i>Foods</i> , 2019 , 8,	4.9	9
169	Effects of Light-Emitting Diodes on the Accumulation of Glucosinolates and Phenolic Compounds in Sprouting Canola (L.). <i>Foods</i> , 2019 , 8,	4.9	30
168	Carotenoid Biosynthesis in Oriental Melon (L. var.). <i>Foods</i> , 2019 , 8,	4.9	7
167	Enhancement of Glucosinolate Production in Watercress (Nasturtium officinale) Hairy Roots by Overexpressing Cabbage Transcription Factors. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 4860-4867	5.7	11
166	In Vitro Antioxidant and Antimicrobial Properties of Flower, Leaf, and Stem Extracts of Korean Mint. <i>Antioxidants</i> , 2019 , 8,	7.1	30
165	Estimation of functional components of Chinese cabbage leaves grown in a plant factory using diffuse reflectance spectroscopy. <i>Journal of the Science of Food and Agriculture</i> , 2019 , 99, 711-718	4.3	4
164	Effects of LED lights on Expression of Genes Involved in Phenylpropanoid Biosynthesis and Accumulation of Phenylpropanoids in Wheat Sprout. <i>Agronomy</i> , 2019 , 9, 307	3.6	20
163	Accumulation of Phenylpropanoids in Tartary Buckwheat (Fagopyrum tataricum) under Salt Stress. <i>Agronomy</i> , 2019 , 9, 739	3.6	7
162	Comparative Phytochemical Analyses and Metabolic Profiling of Different Phenotypes of Chinese Cabbage (ssp.). <i>Foods</i> , 2019 , 8,	4.9	17
161	Metabolic Profiling of Nine Species and Prediction of Their Antioxidant Properties Using Chemometrics. <i>Molecules</i> , 2019 , 24,	4.8	17
160	Molecular characterization of anthocyanin and betulinic acid biosynthesis in red and white mulberry fruits using high-throughput sequencing. <i>Food Chemistry</i> , 2019 , 279, 364-372	8.5	17

159	Molecular cloning and characterization of rosmarinic acid biosynthetic genes and rosmarinic acid accumulation in L. <i>Saudi Journal of Biological Sciences</i> , 2019 , 26, 469-472	4	12
158	Phenolic compound profiles and their seasonal variations in new red-phenotype head-forming Chinese cabbages. <i>LWT - Food Science and Technology</i> , 2018 , 90, 433-439	5.4	22
157	Quantification of Arbutin in Plant Extracts by Stable Isotope Dilution Gas Chromatography/Mass Spectrometry. <i>Chromatographia</i> , 2018 , 81, 533-538	2.1	6
156	Molecular characterization of glucosinolates and carotenoid biosynthetic genes in Chinese cabbage (L. spp.). <i>Saudi Journal of Biological Sciences</i> , 2018 , 25, 71-82	4	12
155	Molecular characterization of flavonoid biosynthetic genes and accumulation of baicalin, baicalein, and wogonin in plant and hairy root of. <i>Saudi Journal of Biological Sciences</i> , 2018 , 25, 1639-1647	4	9
154	Transcriptome analysis and metabolic profiling of green and red kale (<i>Brassica oleracea</i> var. acephala) seedlings. <i>Food Chemistry</i> , 2018 , 241, 7-13	8.5	43
153	Profiling of the Major Phenolic Compounds and Their Biosynthesis Genes in Aiton. <i>Scientific World Journal, The</i> , 2018 , 2018, 6218430	2.2	9
152	Improved quantification of γ -aminobutyric acid in rice using stable isotope dilution gas chromatography-mass spectrometry. <i>Food Chemistry</i> , 2018 , 266, 375-380	8.5	3
151	Comparative Metabolic Profiling of Green and Purple Pakchoi (Subsp.). <i>Molecules</i> , 2018 , 23,	4.8	12
150	Identification and Characterization of Phenylpropanoid Biosynthetic Genes and Their Accumulation in Bitter Melon (<i>Momordica charantia</i>). <i>Molecules</i> , 2018 , 23,	4.8	8
149	Metabolomic Profiling of the White, Violet, and Red Flowers of Maxim. <i>Molecules</i> , 2018 , 23,	4.8	11
148	Analysis of Metabolites in White Flowers of Desr. and Violet Flowers of Desr. <i>Molecules</i> , 2018 , 23,	4.8	19
147	Effects of cold stress on transcripts and metabolites in tartary buckwheat (<i>Fagopyrum tataricum</i>). <i>Environmental and Experimental Botany</i> , 2018 , 155, 488-496	5.9	26
146	Comparative analysis of glucosinolates and metabolite profiling of green and red mustard () hairy roots. <i>3 Biotech</i> , 2018 , 8, 382	2.8	5
145	Metabolic Analysis of Vigna unguiculata Sprouts Exposed to Different Light-Emitting Diodes. <i>Natural Product Communications</i> , 2018 , 13, 1934578X1801301	0.9	7
144	Expression of Carotenoid Biosynthetic Genes and Carotenoid Biosynthesis during Seedling Development of <i>Momordica charantia</i> . <i>Natural Product Communications</i> , 2018 , 13, 1934578X1801300	0.9	1
143	Metabolic Profiling and Chemical-Based Antioxidant Assays of Green and Red Lettuce (<i>Lactuca sativa</i>). <i>Natural Product Communications</i> , 2018 , 13, 1934578X1801300	0.9	8
142	Enhancing Astragaloside Production in <i>Astragalus membranaceus</i> through Growth Media and Auxins. <i>OnLine Journal of Biological Sciences</i> , 2018 , 18, 116-122	1	

141	Determination and quantification of arbutin in plants using stable isotope dilution liquid chromatography-mass spectrometry. <i>Applied Biological Chemistry</i> , 2018 , 61, 523-530	2.9	5
140	Applications of Plant Tissue Culture and Biotechnology in Buckwheat 2018 , 333-341		
139	A Comparative Study of Phenolic Antioxidant Activity and Flavonoid Biosynthesis-Related Gene Expression Between Summer and Winter Strawberry Cultivars. <i>Journal of Food Science</i> , 2017 , 82, 341-349	3.4	9
138	Ethephon-induced phenylpropanoid accumulation and related gene expression in tartary buckwheat (<i>Fagopyrum tataricum</i> (L.) Gaertn.) hairy root. <i>Biotechnology and Biotechnological Equipment</i> , 2017 , 31, 304-311	1.6	7
137	<i>Fagopyrum tataricum</i> FtWD40 Functions as a Positive Regulator of Anthocyanin Biosynthesis in Transgenic Tobacco. <i>Journal of Plant Growth Regulation</i> , 2017 , 36, 755-765	4.7	12
136	Targeted metabolite profiling to evaluate unintended metabolic changes of genetic modification in resveratrol-enriched rice (<i>Oryza sativa</i> L.). <i>Applied Biological Chemistry</i> , 2017 , 60, 205-214	2.9	15
135	Overexpression of a tartary buckwheat R2R3-MYB transcription factor gene, FtMYB9, enhances tolerance to drought and salt stresses in transgenic Arabidopsis. <i>Journal of Plant Physiology</i> , 2017 , 214, 81-90	3.6	51
134	Metabolic profiling of pale green and purple kohlrabi (<i>Brassica oleracea</i> var. <i>gongylodes</i>). <i>Applied Biological Chemistry</i> , 2017 , 60, 249-257	2.9	25
133	Expression levels of carotenoid biosynthetic genes and carotenoid production in the callus of <i>Scutellaria baicalensis</i> exposed to white, blue, and red light-emitting diodes. <i>Applied Biological Chemistry</i> , 2017 , 60, 591-596	2.9	8
132	Molecular Cloning and Characterization of Carotenoid Pathway Genes and Carotenoid Content in <i>Ixeris dentata</i> var. <i>albiflora</i> . <i>Molecules</i> , 2017 , 22,	4.8	5
131	Accumulation of Charantin and Expression of Triterpenoid Biosynthesis Genes in Bitter Melon (<i>Momordica charantia</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 7240-7249	5.7	12
130	Medically important carotenoids from and their gene expressions in different organs. <i>Saudi Journal of Biological Sciences</i> , 2017 , 24, 1913-1919	4	22
129	De novo transcriptome analysis and glucosinolate profiling in watercress (<i>Nasturtium officinale</i> R. Br.). <i>BMC Genomics</i> , 2017 , 18, 401	4.5	29
128	Comparison of Different Strains of <i>Agrobacterium rhizogenes</i> for Hairy Root Induction and Betulin and Betulinic Acid Production in <i>Morus alba</i> . <i>Natural Product Communications</i> , 2017 , 12, 1934578X1701200	6.0	8
127	Accumulation of Carotenoids and Metabolic Profiling in Different Cultivars of Tagetes Flowers. <i>Molecules</i> , 2017 , 22,	4.8	28
126	Influence of Indole-3-Acetic Acid and Gibberellic Acid on Phenylpropanoid Accumulation in Common Buckwheat (<i>Fagopyrum esculentum</i> Moench) Sprouts. <i>Molecules</i> , 2017 , 22,	4.8	25
125	Expression of Genes Related to Phenylpropanoid Biosynthesis in Different Organs of <i>Ixeris dentata</i> var. <i>albiflora</i> . <i>Molecules</i> , 2017 , 22,	4.8	5
124	Production of Bacalin, Bacalein and Wogonin in Hairy Root Culture of American Skullcap (<i>Scutellaria lateriflora</i>) by Auxin Treatment. <i>Biosciences, Biotechnology Research Asia</i> , 2017 , 14, 673-677	0.5	4

123	Recent studies on resveratrol and its biological and pharmacological activity. <i>EXCLI Journal</i> , 2017 , 16, 602-608	2.4	7
122	Comparison of Different Strains of <i>Agrobacterium rhizogenes</i> for Hairy Root Induction and Betulin and Betulinic Acid Production in <i>Morus alba</i> . <i>Natural Product Communications</i> , 2017 , 12, 479-482	0.9	4
121	Ginseng: a miracle sources of herbal and pharmacological uses. <i>Oriental Pharmacy and Experimental Medicine</i> , 2016 , 16, 243-250	2	12
120	Metabolomics of differently colored <i>Gladiolus</i> cultivars. <i>Applied Biological Chemistry</i> , 2016 , 59, 597-607	2.9	10
119	Transcriptome and metabolome analysis in shoot and root of <i>Valeriana fauriei</i> . <i>BMC Genomics</i> , 2016 , 17, 303	4.5	13
118	LED Lights Enhance Metabolites and Antioxidants in Chinese Cabbage and Kale. <i>Brazilian Archives of Biology and Technology</i> , 2016 , 59,	1.8	25
117	Effect of Auxins on Anthocyanin Accumulation in Hairy Root Cultures of Tartary Buckwheat Cultivar Hokkai T10. <i>Natural Product Communications</i> , 2016 , 11, 1934578X1601100	0.9	5
116	Yeast Extract and Silver Nitrate Induce the Expression of Phenylpropanoid Biosynthetic Genes and Induce the Accumulation of Rosmarinic Acid in <i>Agastache rugosa</i> Cell Culture. <i>Molecules</i> , 2016 , 21, 426	4.8	32
115	Effect of Different <i>Agrobacterium rhizogenes</i> Strains on Hairy Root Induction and Phenylpropanoid Biosynthesis in Tartary Buckwheat (<i>Fagopyrum tataricum</i> Gaertn). <i>Frontiers in Microbiology</i> , 2016 , 7, 3185	5.7	59
114	Metabolic Profiling and Antioxidant Assay of Metabolites from Three Radish Cultivars (<i>Raphanus sativus</i>). <i>Molecules</i> , 2016 , 21, 157	4.8	45
113	Expression of Terpenoid Biosynthetic Genes and Accumulation of Chemical Constituents in <i>Valeriana fauriei</i> . <i>Molecules</i> , 2016 , 21,	4.8	6
112	Influence of Different Carbohydrates on Flavonoid Accumulation in Hairy Root Cultures of <i>Scutellaria baicalensis</i> . <i>Natural Product Communications</i> , 2016 , 11, 1934578X1601100	0.9	1
111	Intracellular Ca(2+) and K(+) concentration in <i>Brassica oleracea</i> leaf induces differential expression of transporter and stress-related genes. <i>BMC Genomics</i> , 2016 , 17, 211	4.5	6
110	Identification, isolation and expression analysis of eight stress-related R2R3-MYB genes in tartary buckwheat (<i>Fagopyrum tataricum</i>). <i>Plant Cell Reports</i> , 2016 , 35, 1385-96	5.1	29
109	Metabolic Profiling in Chinese Cabbage (<i>Brassica rapa</i> L. subsp. <i>pekinensis</i>) Cultivars Reveals that Glucosinolate Content Is Correlated with Carotenoid Content. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 4426-34	5.7	32
108	Cloning and characterization of indole synthase (INS) and a putative tryptophan synthase β -subunit (TSA) genes from <i>Polygonum tinctorium</i> . <i>Plant Cell Reports</i> , 2016 , 35, 2449-2459	5.1	10
107	Influence of Different Carbohydrates on Flavonoid Accumulation in Hairy Root Cultures of <i>Scutellaria baicalensis</i> . <i>Natural Product Communications</i> , 2016 , 11, 799-802	0.9	8
106	Differentiated cuticular wax content and expression patterns of cuticular wax biosynthetic genes in bloomed and bloomless broccoli (<i>Brassica oleracea</i> var. <i>italica</i>). <i>Process Biochemistry</i> , 2015 , 50, 456-462	4.8	22

105	Accumulation of Phenylpropanoids by White, Blue, and Red Light Irradiation and Their Organ-Specific Distribution in Chinese Cabbage (<i>Brassica rapa</i> ssp. <i>pekinensis</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 6772-8	5.7	29
104	Transcriptional Profiling and Molecular Characterization of Astragalosides, Calycosin, and Calycosin-7-O- β -D-glucoside Biosynthesis in the Hairy Roots of <i>Astragalus membranaceus</i> in Response to Methyl Jasmonate. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 6231-40	5.7	13
103	Biological activity of various radish species. <i>Oriental Pharmacy and Experimental Medicine</i> , 2015 , 15, 105-111		12
102	Triterpene and Flavonoid Biosynthesis and Metabolic Profiling of Hairy Roots, Adventitious Roots, and Seedling Roots of <i>Astragalus membranaceus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 8862-9	5.7	27
101	Accumulation of Rutin and Betulinic Acid and Expression of Phenylpropanoid and Triterpenoid Biosynthetic Genes in Mulberry (<i>Morus alba</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 8622-30	5.7	31
100	Subcellular Localization Studies of Three Phenylalanine Ammonia-Lyases and Cinnamate 4-Hydroxylase from <i>Scutellaria Baicalensis</i> Using GFP Fusion Proteins. <i>OnLine Journal of Biological Sciences</i> , 2015 , 15, 70-73	1	2
99	Anthocyanin and Carotenoid Contents in Different Cultivars of Chrysanthemum (<i>Dendranthema grandiflorum</i> Ramat.) Flower. <i>Molecules</i> , 2015 , 20, 11090-102	4.8	41
98	Methyl Jasmonate- and Light-Induced Glucosinolate and Anthocyanin Biosynthesis in Radish Seedlings. <i>Natural Product Communications</i> , 2015 , 10, 1934578X1501000	0.9	3
97	Physiological Roles of Rutin in the Buckwheat Plant. <i>Japan Agricultural Research Quarterly</i> , 2015 , 49, 37-43	0.5	21
96	Phenylalanine and LED lights enhance phenolic compound production in Tartary buckwheat sprouts. <i>Food Chemistry</i> , 2015 , 177, 204-13	8.5	50
95	Determination of lipophilic metabolites for species discrimination and quality assessment of nine leafy vegetables 2015 , 58, 909-918		20
94	Determination of the sample number for optical reflectance measurement of vegetable leaf. <i>Computers and Electronics in Agriculture</i> , 2015 , 112, 110-115	6.5	1
93	An up-to-date review of rutin and its biological and pharmacological activities. <i>EXCLI Journal</i> , 2015 , 14, 59-63	2.4	56
92	Molecular characterization of carotenoid biosynthetic genes and carotenoid accumulation in <i>Scutellaria baicalensis</i> Georgi. <i>EXCLI Journal</i> , 2015 , 14, 146-57	2.4	9
91	Location of Sampling Points in Optical Reflectance Measurements of Chinese Cabbage and Kale Leaves. <i>Journal of Biosystems Engineering</i> , 2015 , 40, 115-123	1.1	3
90	Variation of glucosinolates in 62 varieties of Chinese cabbage (<i>Brassica rapa</i> L. ssp. <i>pekinensis</i>) and their antioxidant activity. <i>LWT - Food Science and Technology</i> , 2014 , 58, 93-101	5.4	49
89	Comparative analysis of flavonoids and polar metabolites from hairy roots of <i>Scutellaria baicalensis</i> and <i>Scutellaria lateriflora</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2014 , 30, 887-92	4.4	20
88	Effects of light-emitting diodes on expression of phenylpropanoid biosynthetic genes and accumulation of phenylpropanoids in <i>Fagopyrum tataricum</i> sprouts. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 4839-45	5.7	56

87	Comparative analysis of flavonoids and polar metabolite profiling of Tanno-original and Tanno-high rutin buckwheat. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 2701-8	5.7	29
86	Enhanced triterpene accumulation in <i>Panax ginseng</i> hairy roots overexpressing mevalonate-5-pyrophosphate decarboxylase and farnesyl pyrophosphate synthase. <i>ACS Synthetic Biology</i> , 2014 , 3, 773-9	5.7	49
85	Accumulation of flavonoids and related gene expressions in different organs of <i>Astragalus membranaceus</i> Bge. <i>Applied Biochemistry and Biotechnology</i> , 2014 , 173, 2076-85	3.2	14
84	Molecular cloning and characterization of mevalonic acid (MVA) pathway genes and triterpene accumulation in <i>Panax ginseng</i> 2014 , 57, 289-295		6
83	Identification and quantification of carotenoids in paprika fruits and cabbage, kale, and lettuce leaves 2014 , 57, 355-358		22
82	Accumulation of anthocyanin and related genes expression during the development of cabbage seedlings. <i>Process Biochemistry</i> , 2014 , 49, 1084-1091	4.8	10
81	Far infrared irradiation alters total polyphenol, total flavonoid, antioxidant property and quercetin production in tartary buckwheat sprout powder. <i>Journal of Cereal Science</i> , 2014 , 59, 167-172	3.8	21
80	Molecular cloning and characterization of genes involved in rosmarinic acid biosynthesis from <i>Prunella vulgaris</i> . <i>Biological and Pharmaceutical Bulletin</i> , 2014 , 37, 1221-7	2.3	13
79	Accumulation of kaempferitrin and expression of phenyl-propanoid biosynthetic genes in kenaf (<i>Hibiscus cannabinus</i>). <i>Molecules</i> , 2014 , 19, 16987-97	4.8	14
78	Transcripts of anthocyanidin reductase and leucoanthocyanidin reductase and measurement of catechin and epicatechin in tartary buckwheat. <i>Scientific World Journal, The</i> , 2014 , 2014, 726567	2.2	4
77	Cloning and characterization of a flavonol synthase gene from <i>Scutellaria baicalensis</i> . <i>Scientific World Journal, The</i> , 2014 , 2014, 980740	2.2	6
76	Enhancement of chlorogenic acid production in hairy roots of <i>Platycodon grandiflorum</i> by over-expression of an <i>Arabidopsis thaliana</i> transcription factor AtPAP1. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 14743-52	6.3	22
75	Accumulation of astragalosides and related gene expression in different organs of <i>Astragalus membranaceus</i> Bge. var <i>mongholicus</i> (Bge.). <i>Molecules</i> , 2014 , 19, 10922-35	4.8	14
74	Molecular characterization of carotenoid biosynthetic genes and carotenoid accumulation in <i>Lycium chinense</i> . <i>Molecules</i> , 2014 , 19, 11250-62	4.8	7
73	Riboflavin accumulation and molecular characterization of cDNAs encoding bifunctional GTP cyclohydrolase II/3,4-dihydroxy-2-butanone 4-phosphate synthase, lumazine synthase, and riboflavin synthase in different organs of <i>Lycium chinense</i> plant. <i>Molecules</i> , 2014 , 19, 17141-53	4.8	6
72	Variation of Charantin Content in Different Bitter Melon Cultivars. <i>Asian Journal of Chemistry</i> , 2014 , 26, 309-310	0.4	6
71	Overexpression of Cinnamate 4-Hydroxylase and 4-Coumaroyl CoA Ligase Prompted Flavone Accumulation in <i>Scutellaria baicalensis</i> Hairy Roots. <i>Natural Product Communications</i> , 2014 , 9, 1934578X1400900	0.9	2
70	Variation of Glucosinolate Accumulation and Gene Expression of Transcription Factors at Different Stages of Chinese Cabbage Seedlings under Light and Dark Conditions. <i>Natural Product Communications</i> , 2014 , 9, 1934578X1400900	0.9	5

69	Molecular Cloning and Characterization of Tyrosine Aminotransferase and Hydroxyphenylpyruvate Reductase, and Rosmarinic Acid Accumulation in <i>Scutellaria baicalensis</i> . <i>Natural Product Communications</i> , 2014 , 9, 1934578X1400900	0.9	2
68	Characterization of two tartary buckwheat R2R3-MYB transcription factors and their regulation of proanthocyanidin biosynthesis. <i>Physiologia Plantarum</i> , 2014 , 152, 431-40	4.6	37
67	Accumulation of phenylpropanoids and correlated gene expression in hairy roots of tartary buckwheat under light and dark conditions. <i>Applied Biochemistry and Biotechnology</i> , 2014 , 174, 2537-47	3.2	13
66	Herbicidal activity of formulated sorgoleone, a natural product of sorghum root exudate. <i>Pest Management Science</i> , 2014 , 70, 252-7	4.6	32
65	Recent studies on rosmarinic acid and its biological and pharmacological activities. <i>EXCLI Journal</i> , 2014 , 13, 1192-5	2.4	15
64	EST sequencing and gene expression profiling in <i>Scutellaria baicalensis</i> . <i>EXCLI Journal</i> , 2014 , 13, 392-400	2.4	1
63	Number of sampling leaves for reflectance measurement of Chinese cabbage and kale. <i>Korean Journal of Agricultural Science</i> , 2014 , 41, 169-175		1
62	Variation of glucosinolate accumulation and gene expression of transcription factors at different stages of Chinese cabbage seedlings under light and dark conditions. <i>Natural Product Communications</i> , 2014 , 9, 533-7	0.9	9
61	Overexpression of cinnamate 4-hydroxylase and 4-coumaroyl CoA ligase prompted flavone accumulation in <i>Scutellaria baicalensis</i> hairy roots. <i>Natural Product Communications</i> , 2014 , 9, 803-7	0.9	9
60	Effects of jasmonates on sorgoleone accumulation and expression of genes for sorgoleone biosynthesis in sorghum roots. <i>Journal of Chemical Ecology</i> , 2013 , 39, 712-22	2.7	19
59	Regulation of the major vacuolar Ca ²⁺ transporter genes, by intercellular Ca ²⁺ concentration and abiotic stresses, in tip-burn resistant <i>Brassica oleracea</i> . <i>Molecular Biology Reports</i> , 2013 , 40, 177-88	2.8	17
58	Differential stress-response expression of two flavonol synthase genes and accumulation of flavonols in tartary buckwheat. <i>Journal of Plant Physiology</i> , 2013 , 170, 1630-6	3.6	32
57	Identification of phenylpropanoid biosynthetic genes and phenylpropanoid accumulation by transcriptome analysis of <i>Lycium chinense</i> . <i>BMC Genomics</i> , 2013 , 14, 802	4.5	38
56	Molecular cloning and characterization of cDNAs encoding carotenoid cleavage dioxygenase in bitter melon (<i>Momordica charantia</i>). <i>Journal of Plant Physiology</i> , 2013 , 170, 115-20	3.6	9
55	Molecular characterisation and the light-dark regulation of carotenoid biosynthesis in sprouts of tartary buckwheat (<i>Fagopyrum tataricum</i> Gaertn.). <i>Food Chemistry</i> , 2013 , 141, 3803-12	8.5	25
54	Chemical Composition of Essential Oils from Flower and Leaf of Korean Mint, <i>Agastache rugosa</i> . <i>Asian Journal of Chemistry</i> , 2013 , 25, 4361-4363	0.4	7
53	Resveratrol Production from Hairy Root Cultures of <i>Scutellaria baicalensis</i> . <i>Natural Product Communications</i> , 2013 , 8, 1934578X1300800	0.9	2
52	Characterization of cDNA Encoding Resveratrol Synthase and Accumulation of Resveratrol in Tartary Buckwheat. <i>Natural Product Communications</i> , 2013 , 8, 1934578X1300801	0.9	3

51	Influence of Auxins on Glucosinolate Biosynthesis in Hairy Root Cultures of Broccoli (<i>Brassica oleracea</i> var. <i>italica</i>). <i>Asian Journal of Chemistry</i> , 2013 , 25, 6099-6101	0.4	13
50	Phenolic Compound Content in Different Organs of Korean Common Buckwheat Cultivars. <i>Asian Journal of Chemistry</i> , 2013 , 25, 424-426	0.4	12
49	Molecular characterization of carotenoid cleavage dioxygenases and the effect of gibberellin, abscisic acid, and sodium chloride on the expression of genes involved in the carotenoid biosynthetic pathway and carotenoid accumulation in the callus of <i>Scutellaria baicalensis</i> Georgi. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 5565-72	5.7	13
48	Accumulation of anthocyanin and associated gene expression in radish sprouts exposed to light and methyl jasmonate. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 4127-32	5.7	38
47	Metabolite profiling approach reveals the interface of primary and secondary metabolism in colored cauliflowers (<i>Brassica oleracea</i> L. ssp. <i>botrytis</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 6999-7007	5.7	42
46	Enhanced accumulation of phytosterol and triterpene in hairy root cultures of <i>Platycodon grandiflorum</i> by overexpression of <i>Panax ginseng</i> 3-hydroxy-3-methylglutaryl-coenzyme A reductase. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 1928-34	5.7	46
45	Metabolomic analysis and differential expression of anthocyanin biosynthetic genes in white- and red-flowered buckwheat cultivars (<i>Fagopyrum esculentum</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 10525-33	5.7	22
44	Influence of light on the free amino acid content and β -aminobutyric acid synthesis in <i>Brassica juncea</i> seedlings. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 8624-31	5.7	22
43	Metabolic differentiation of diamondback moth (<i>Plutella xylostella</i> (L.)) resistance in cabbage (<i>Brassica oleracea</i> L. ssp. <i>capitata</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 11222-30	5.7	24
42	Characterization of genes for a putative hydroxycinnamoyl-coenzyme A quinate transferase and p-coumarate 3-hydroxylase and chlorogenic acid accumulation in tartary buckwheat. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 4120-6	5.7	13
41	Effects of white, blue, and red light-emitting diodes on carotenoid biosynthetic gene expression levels and carotenoid accumulation in sprouts of tartary buckwheat (<i>Fagopyrum tataricum</i> Gaertn.). <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 12356-61	5.7	56
40	Metabolomic analysis and phenylpropanoid biosynthesis in hairy root culture of tartary buckwheat cultivars. <i>PLoS ONE</i> , 2013 , 8, e65349	3.7	33
39	MYB transcription factors regulate glucosinolate biosynthesis in different organs of Chinese cabbage (<i>Brassica rapa</i> ssp. <i>pekinensis</i>). <i>Molecules</i> , 2013 , 18, 8682-95	4.8	50
38	Metabolomics analysis and biosynthesis of rosmarinic acid in <i>Agastache rugosa</i> Kuntze treated with methyl jasmonate. <i>PLoS ONE</i> , 2013 , 8, e64199	3.7	51
37	Enhancement of anti-inflammatory activity of Aloe vera adventitious root extracts through the alteration of primary and secondary metabolites via salicylic acid elicitation. <i>PLoS ONE</i> , 2013 , 8, e82479	3.7	29
36	Recent studies on flavonoids and their antioxidant activities. <i>EXCLI Journal</i> , 2013 , 12, 226-30	2.4	5
35	Glucosinolate biosynthesis in hairy root cultures of broccoli (<i>Brassica oleracea</i> var. <i>italica</i>). <i>Natural Product Communications</i> , 2013 , 8, 217-20	0.9	9
34	Characterization of cDNA encoding resveratrol synthase and accumulation of resveratrol in tartary buckwheat. <i>Natural Product Communications</i> , 2013 , 8, 1571-4	0.9	3

33	Overexpression of cinnamate 4-hydroxylase gene enhances biosynthesis of decursinol angelate in <i>Angelica gigas</i> hairy roots. <i>Molecular Biotechnology</i> , 2012 , 50, 114-20	3	16
32	Enhancement of rutin in <i>Fagopyrum esculentum</i> hairy root cultures by the Arabidopsis transcription factor AtMYB12. <i>Biotechnology Letters</i> , 2012 , 34, 577-83	3	25
31	Riboflavin accumulation and characterization of cDNAs encoding lumazine synthase and riboflavin synthase in bitter melon (<i>Momordica charantia</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 11980-6	5.7	4
30	Metabolomics for the quality assessment of <i>Lycium chinense</i> fruits. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012 , 76, 2188-94	2.1	22
29	Accumulation of phenylpropanoids and correlated gene expression during the development of tartary buckwheat sprouts. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 5629-35	5.7	47
28	Sorgoleone, a sorghum root exudate: Algicidal activity and acute toxicity to the ricefish <i>Oryzias latipes</i> . <i>Aquatic Botany</i> , 2012 , 98, 40-44	1.8	5
27	Metabolic profiling of glucosinolates, anthocyanins, carotenoids, and other secondary metabolites in kohlrabi (<i>Brassica oleracea</i> var. <i>gongylodes</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 8111-6	5.7	56
26	Accumulation of flavonoids and expression of flavonoid biosynthetic genes in tartary and rice-tartary buckwheat. <i>Process Biochemistry</i> , 2012 , 47, 2306-2310	4.8	7
25	Overexpression of phenylalanine ammonia-lyase improves flavones production in transgenic hairy root cultures of <i>Scutellaria baicalensis</i> . <i>Process Biochemistry</i> , 2012 , 47, 2575-2580	4.8	14
24	Fungal Endophytes from Three Cultivars of <i>Panax ginseng</i> Meyer Cultivated in Korea. <i>Journal of Ginseng Research</i> , 2012 , 36, 107-13	5.8	22
23	Accumulation of tilianin and rosmarinic acid and expression of phenylpropanoid biosynthetic genes in <i>Agastache rugosa</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 5945-51	5.7	47
22	Increased indigoid accumulation by plant defense activators in <i>Polygonum tinctorium</i> Lour. 2012 , 55, 359-362		4
21	Anticancer compounds from plants. <i>EXCLI Journal</i> , 2012 , 11, 386-9	2.4	5
20	Analysis of carotenoid accumulation and expression of carotenoid biosynthesis genes in different organs of Chinese cabbage (<i>Brassica rapa</i> subsp. <i>pekinensis</i>). <i>EXCLI Journal</i> , 2012 , 11, 508-16	2.4	14
19	Age-dependent Distribution of Fungal Endophytes in <i>Panax ginseng</i> Roots Cultivated in Korea. <i>Journal of Ginseng Research</i> , 2012 , 36, 327-33	5.8	26
18	Anthocyanin accumulation and expression of anthocyanin biosynthetic genes in radish (<i>Raphanus sativus</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 6034-9	5.7	72
17	An efficient protocol for genetic transformation of <i>Platycodon grandiflorum</i> with <i>Agrobacterium rhizogenes</i> . <i>Molecular Biology Reports</i> , 2011 , 38, 2307-13	2.8	14
16	An efficient protocol for genetic transformation of watercress (<i>Nasturtium officinale</i>) using <i>Agrobacterium rhizogenes</i> . <i>Molecular Biology Reports</i> , 2011 , 38, 4947-53	2.8	34

15	Enhancement of flavone levels through overexpression of chalcone isomerase in hairy root cultures of <i>Scutellaria baicalensis</i> . <i>Functional and Integrative Genomics</i> , 2011 , 11, 491-6	3.8	37
14	Carotenoid content and expression of phytoene synthase and phytoene desaturase genes in bitter melon (<i>Momordica charantia</i>). <i>Food Chemistry</i> , 2011 , 126, 1686-92	8.5	43
13	Differential expression of anthocyanin biosynthetic genes and anthocyanin accumulation in tartary buckwheat cultivars 'Hokkai t8San' and 'Hokkai t10S'. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 2356-61	5.7	44
12	Carotenoid accumulation and characterization of cDNAs encoding phytoene synthase and phytoene desaturase in garlic (<i>Allium sativum</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 5412-7	5.7	13
11	Effects of auxins on sorgoleone accumulation and genes for sorgoleone biosynthesis in sorghum roots. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 12948-53	5.7	6
10	Cloning and characterization of phenylalanine ammonia-lyase and cinnamate 4-hydroxylase and pyranocoumarin biosynthesis in <i>Angelica gigas</i> . <i>Journal of Natural Products</i> , 2010 , 73, 1394-7	4.9	21
9	Differential expression of flavonoid biosynthesis genes and accumulation of phenolic compounds in common buckwheat (<i>Fagopyrum esculentum</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 12176-81	5.7	83
8	Molecular cloning and characterization of phenylalanine ammonia-lyase and cinnamate 4-hydroxylase in the phenylpropanoid biosynthesis pathway in garlic (<i>Allium sativum</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 10911-7	5.7	28
7	Enhancing sorgoleone levels in grain sorghum root exudates. <i>Journal of Chemical Ecology</i> , 2010 , 36, 914-27	2.7	28
6	Molecular cloning and characterization of phenylalanine ammonia-lyase, cinnamate 4-hydroxylase and genes involved in flavone biosynthesis in <i>Scutellaria baicalensis</i> . <i>Bioresource Technology</i> , 2010 , 101, 9715-22	11	72
5	Production of phenolic compounds in hairy root culture of tartary buckwheat (<i>Fagopyrum tataricum</i> Gaertn.). <i>Journal of Crop Science and Biotechnology</i> , 2009 , 12, 53-57	1.2	41
4	Ginsenoside content of berries and roots of three typical Korean ginseng (<i>Panax ginseng</i>) cultivars. <i>Natural Product Communications</i> , 2009 , 4, 903-6	0.9	43
3	Rosmarinic acid production in hairy root cultures of <i>Agastache rugosa</i> Kuntze. <i>World Journal of Microbiology and Biotechnology</i> , 2008 , 24, 969-972	4.4	39
2	Growth and rutin production in hairy root cultures of buckwheat (<i>Fagopyrum esculentum</i> M.). <i>Preparative Biochemistry and Biotechnology</i> , 2007 , 37, 239-46	2.4	41
1	Metabolic profiling and antioxidant properties of hybrid soybeans with different seed coat colors, obtained by crossing β -carotene-enhanced (<i>Glycine max</i>) and wild (<i>Glycine soja</i>) soybeans. <i>Plant Biotechnology Reports</i> , 1	2.5	1