

Top 10 most cited in 2019

Original Article								
Rank	Article Title	JIF Citation	WOS Citation	Authors	Year	Vol.	Page	Corresponding author
1	Extraction and quantification of polyphenols from kinnow (<i>Citrus reticulata</i> L.) peel using ultrasound and maceration techniques	19	20	Safdar, Muhammad N.; Kausar, Tusneem; Jabbar, Saqib; Mumtaz, Amer; Ahad, Karam; Saddozai, Ambreen A.	2017	25	488-500	Safdar, Muhammad N.
2	Antibacterial activity and interactions of plant essential oil combinations against Gram-positive and Gram-negative bacteria	15	18	Semeniuc, Cristina Anamaria; Pop, Carmen Rodica; Rotar, Ancuta Mihaela	2017	25	403-408	Rotar, Ancuta Mihaela
2	Optimization conditions for extracting polysaccharide from <i>Angelica sinensis</i> and its antioxidant activities	15	16	Tian, Suyang; Hao, Changchun; Xu, Guangkuan; Yang, Juanjuan; Sun, Runguang	2017	25	766-775	Hao, Changchun ; Sun, Runguang
3	Water-soluble polysaccharides from <i>Ulva intestinalis</i> : Molecular properties, structural elucidation and immunomodulatory activities	14	14	Tabarsa, Mehdi; You, SangGuan; Dabaghian, Elham Hashem; Surayot, Utoomporn	2018	26	599-608	Tabarsa, Mehdi
4	Production of antioxidant and ACE-inhibitory peptides from <i>Kluyveromyces marxianus</i> protein hydrolysates: Purification and molecular docking	13	16	Mirzaei, Mahta; Mirdamadi, Saeed; Ehsani, Mohamad Reza; Aminlari, Mahmoud	2018	26	696-705	Ehsani, Mohamad Reza ; Mirdamadi, Saeed
5	Novel electrochemical xanthine biosensor based on chitosan-polypyrrole-gold nanoparticles hybrid bio-nanocomposite platform	12	13	Dervisevic, Muamer; Dervisevic, Esma; Cevik, Emre; Senel, Mehmet	2017	25	510-519	Dervisevic, Muamer ; Senel, Mehmet
5	Application of novel Ni(II) complex and ZrO ₂ nanoparticle as mediators for electrocatalytic determination of N-acetylcysteine in drug samples	12	12	Karimi-Maleh, Hassan; Salehi, Mehdi; Faghani, Fatemeh	2017	25	1000-1007	Karimi-Maleh, Hassan
6	Preparation, characterization, and antimicrobial activity of nanoemulsions incorporating citral essential oil	11	12	Lu, Wen-Chien; Huang, Da-Wei; Wang, Chiun-C. R.; Yeh, Ching-Hua; Tsai, Jen-Chieh; Huang, Yu-Ting; Li, Po-Hsien	2018	26	82-89	Li, Po-Hsien
6	Composition analysis and antioxidant properties of black garlic extract	11	12	Lu, Xiaoming; Li, Ningyang; Qiao, Xuguang; Qiu, Zhichang; Liu, Pengli	2017	25	340-349	Qiao, Xuguang
6	Antibacterial activity of propolis from Taiwanese green propolis	11	12	Chen, Yue-Wen; Ye, Siou-Ru; Ting, Chieh; Yu, Yu-Hsiang	2018	26	761-768	Yu, Yu-Hsiang
6	A novel poly (glycine) biosensor towards the detection of indigo carmine: A voltammetric study	11	11	Manjunatha, Jamballi Gangadharappa Gowda	2018	26	292-299	Manjunatha, Jamballi Gangadharappa Gowda
7	Antioxidant and antimicrobial phenolic compounds from extracts of cultivated and wild-grown Tunisian <i>Ruta chalepensis</i>	10	10	Ouerghemmi, Ines; Rebey, Iness Bettaieb; Rahali, Fatma Zohra; Bourgou, Soumaya; Pistelli, Luisa; Ksouri, Riadh; Marzouk, Brahim; Tounsi, Moufida Saidani	2017	25	350-359	Rebey, Iness Bettaieb
8	Nutritional composition in the chia seed and its processing properties on restructured ham-like products	9	11	Ding, Yi; Lin, Hui-Wen; Lin, Yi-Ling; Yang, Deng-Jye; Yu, Yu-Shan; Chen, Jr-Wei; Wang, Sheng-Yao; Chen, Yi-Chen	2018	26	124-134	Chen, Yi-Chen
8	Validation and assessment of matrix effect and uncertainty of a gas chromatography coupled to mass spectrometry method for pesticides in papaya and avocado samples	9	10	Susana Pano-Farias, Norma; Guillermina Ceballos-Magana, Silvia; Muniz-Valencia, Roberto; Gonzalez, Jorge	2017	25	501-509	Muniz-Valencia, Roberto
8	Characterization of titanium dioxide and zinc oxide nanoparticles in sunscreen powder by comparing different measurement methods	9	9	Lu, P. J.; Fang, S. W.; Cheng, W. L.; Huang, S. C.; Huang, M. C.; Cheng, H. F.	2018	26	1192-1200	Fang, S. W.

8	Simultaneous determination of ascorbic acid and caffeine in commercial soft drinks using reversed-phase ultraperformance liquid chromatography	9	9	Turak, Fatma; Guzel, Remziye; Dinc, Erdal	2017	25	285-292	Dinc, Erdal
9	Voltammetric sensor for tartrazine determination in soft drinks using poly (p-aminobenzenesulfonic acid)/zinc oxide nanoparticles in carbon paste electrode	8	8	Karim-Nezhad, Ghasem; Khorablou, Zeynab; Zamani, Maryam; Dorraji, Parisa Seyed; Alamgholiloo, Mahdieh	2017	25	293-301	Karim-Nezhad, Ghasem
9	The apple polyphenol phloretin inhibits breast cancer cell migration and proliferation via inhibition of signals by type 2 glucose transporter	8	10	Wu, Kuan-Hsun; Ho, Chi-Tang; Chen, Zhao-Feng; Chen, Li-Ching; Whang-Peng, Jacqueline; Lin, Teng-Nan; Ho, Yuan-Soon	2018	26	221-231	Ho, Yuan-Soon ; Lin, Teng-Nan
9	Hepatoprotective effect of the ethanol extract of Polygonum orientale on carbon tetrachloride-induced acute liver injury in mice	8	9	Chiu, Yung-Jia; Chou, Shen-Chieh; Chiu, Chuan-Sung; Kao, Chun-Pin; Wu, Kun-Chang; Chen, Chao-Jung; Tsai, Jen-Chieh; Peng, Wen-Huang	2018	26	369-379	Peng, Wen-Huang ; Tsai, Jen-Chieh
9	Non-destructive profiling of volatile organic compounds using HS-SPME/GC-MS and its application for the geographical discrimination of white rice	8	9	Lim, Dong Kyu; Mo, Changyeun; Lee, Dong-Kyu; Nguyen Phuoc Long; Lim, Jongguk; Kwon, Sung Won	2018	26	260-267	Kwon, Sung Won
9	Antioxidant activity and anticancer effect of ethanolic and aqueous extracts of the roots of Ficus beecheyana and their phenolic components	8	9	Yen, Gow-Chin; Chen, Cheng-Shih; Chang, Wei-Tang; Wu, Mei-Fang; Cheng, Feng-Tsung; Shiau, Duen-Kai; Hsu, Chin-Lin	2018	26	182-192	Hsu, Chin-Lin
9	Characterization and hepatoprotective activity of anthocyanins from purple sweet potato (Ipomoea batatas L. cultivar Eshu No. 8)	8	8	Wang, Lin; Zhao, Ying; Zhou, Qing; Luo, Chun-Li; Deng, Ai-Ping; Zhang, Zi-Cheng; Zhang, Jiu-Liang	2017	25	607-618	Zhang, Jiu-Liang ; Deng, Ai-Ping
9	Characterization of metabolite profiles from the leaves of green perilla (Perilla frutescens) by ultra high performance liquid chromatography coupled with electrospray ionization quadrupole time-of-flight mass spectrometry and screening for their antioxidant properties	8	8	Lee, Yeon Hee; Kim, Bokyeong; Kim, Soyoung; Kim, Min-Sun; Kim, Hyunji; Hwang, Seung-Ryul; Kim, Kyun; Lee, Jin Hwan	2017	25	776-788	Lee, Jin Hwan
9	The effects of Ficus carica on the activity of enzymes related to metabolic syndrome	8	8	Mopuri, Ramgopal; Ganjari, Muniswamy; Meriga, Balaji; Koorbanally, Neil Anthony; Islam, Md. Shahidul	2018	26	201-210	Islam, Md. Shahidul
9	Silver nanoparticle biosynthesis by using phenolic acids in rice husk extract as reducing agents and dispersants	8	8	Liu, Yee-Shing; Chang, Yung-Chung; Chen, Hui-Huang	2018	26	649-656	Chen, Hui-Huang
9	Optimal conditions for cordycepin production in surface liquid-cultured Cordyceps militaris treated with porcine liver extracts for suppression of oral cancer	8	8	Lin, Liang-Tzung; Lai, Ying-Jang; Wu, She-Ching; Hsu, Wei-Hsuan; Tai, Chen-Jei	2018	26	135-144	Hsu, Wei-Hsuan ; Tai, Chen-Jei
10	Curcumin inhibits adenosine deaminase and arginase activities in cadmium-induced renal toxicity in rat kidney	7	9	Akinyemi, Ayodele Jacob; Onyebueke, Nora; Faboya, Opeyemi Ayodeji; Onikanni, Sunday Amos; Fadaka, Adewale; Olayide, Israel	2017	25	438-446	Akinyemi, Ayodele Jacob
10	Impact of different partitioned solvents on chemical composition and bioavailability of Sasa quelpaertensis Nakai leaf extract	7	8	Nakamura, Masaya; Ra, Jong-Hwan; Jee, Youngheun; Kim, Ju-Sung	2017	25	316-326	Kim, Ju-Sung
10	The inhibition of advanced glycation end-products by five fractions and three main flavonoids from Camellia nitidissima Chi flowers	7	8	Yang, Rui; Wang, Wei-Xin; Chen, Hong-Juan; He, Zhao-Chun; Jia, Ai-Qun	2018	26	252-259	Jia, Ai-Qun
10	A comparative analysis for the volatile compounds of various Chinese dark teas using combinatory metabolomics and fungal solid-state fermentation	7	7	Cao, Luting; Guo, Xuemei; Liu, Guangjin; Song, Yuelin; Ho, Chi-Tang; Hou, Ruyan; Zhang, Liang; Wan, Xiaochun	2018	26	112-123	Zhang, Liang ; Wan, Xiaochun
10	Profiles of commensal and opportunistic bacteria in human milk from healthy donors in Taiwan	7	7	Chen, Po-Wen; Lin, Yi-Ling; Huang, Mao-Sheng	2018	26	1235-1244	Chen, Po-Wen

10	Use of UHPLC-TripleQ with synthetic standards to profile anti-inflammatory hydroxycinnamic acid amides in root barks and leaves of <i>Lycium barbarum</i>	7	7	Wang, Siyu; Suh, Joon Hyuk; Hung, Wei-Lun; Zheng, Xi; Wang, Yu; Ho, Chi-Tang	2018	26	572-582	Ho, Chi-Tang ; Wang, Yu
10	Rapid investigation of alpha-glucosidase inhibitory activity of <i>Phaleria macrocarpa</i> extracts using FTIR-ATR based fingerprinting	7	7	Easmin, Sabina; Sarker, Md. Zaidul Islam; Ghafoor, Kashif; Ferdosh, Sahena; Jaffri, Juliana; Ali, Md. Equb; Mirhosseini, Hamed; Al-Juhaimi, Fahad Y.; Perumal, Vikneswari; Khatib, Alfi	2017	25	306-315	Sarker, Md. Zaidul Islam
10	Flavonoids Luteolin and Quercetin Inhibit RPS19 and contributes to metastasis of cancer cells through c-Myc reduction	7	7	Chen, Ku-Chung; Hsu, Wen-Hsien; Ho, Jhih-Yun; Lin, Cheng-Wei; Chu, Cheng-Ying; Kandaswami, Chithan C.; Lee, Ming-Ting; Cheng, Chia-Hsiung	2018	26	1180-1191	Cheng, Chia-Hsiung
10	Concentrations of perfluoroalkyl substances in foods and the dietary exposure among Taiwan general population and pregnant women	7	7	Chen, Wen-Ling; Bai, Fang-Yu; Chang, Ying-Chia; Chen, Pau-Chung; Chen, Chia-Yang	2018	26	994-1004	Chen, Chia-Yang
10	Assessment of antibacterial drug residues in milk for consumption in Kosovo	7	7	Rama, Adem; Lucatello, Lorena; Benetti, Cristiana; Galina, Guglielmo; Bajraktari, Drita	2017	25	525-532	Rama, Adem

Review								
Rank	Article Title	JIF Citation	WOS Citation	Authors	Year	Vol.	Page	Corresponding author
1	Benefaction of probiotics for human health: A review	48	47	Kerry, Rout George; Patra, Jayanta Kumar; Gouda, Sushanto; Park, Yooheon; Shin, Han-Seung; Das, Gitishree	2018	26	927-939	Das, Gitishree
2	Polyphenols with antiglycation activity and mechanisms of action: A review of recent findings	40	41	Yeh, Wan-Ju; Hsia, Shih-Min; Lee, Wei-Hwa; Wu, Chi-Hao	2017	25	84-92	Wu, Chi-Hao
3	Recent advances in oral delivery of drugs and bioactive natural products using solid lipid nanoparticles as the carriers	24	27	Lin, Chih-Hung; Chen, Chun-Han; Lin, Zih-Chan; Fang, Jia-You	2017	25	219-234	Fang, Jia-You
4	Bioactive phytochemicals in barley	22	22	Idehen, Emmanuel; Tang, Yao; Sang, Shengmin	2017	25	148-161	Sang, Shengmin
5	Food macromolecule based nanodelivery systems for enhancing the bioavailability of polyphenols	20	21	Hu, Bing; Liu, Xixia; Zhang, Chunlan; Zeng, Xiaoxiong	2017	25	3-15	Hu, Bing ; Zeng, Xiaoxiong
6	Biological actions and molecular effects of resveratrol, pterostilbene, and 3'-hydroxypterostilbene	19	21	Tsai, Hui-Yun; Ho, Chi-Tang; Chen, Yu-Kuo	2017	25	134-147	Ho, Chi-Tang ; Chen, Yu-Kuo
7	Nanostructures: Current uses and future applications in food science	16	20	Pathakoti, Kavitha; Manubolu, Manjunath; Hwang, Huey-Min	2017	25	245-253	Hwang, Huey-Min
8	Studies on prevention of obesity, metabolic syndrome, diabetes, cardiovascular diseases and cancer by tea	14	15	Yang, Chung Shu; Wang, Hong; Sheridan, Zachary Paul	2018	26	1-13	Yang, Chung Shu
9	Prospects of using nanotechnology for food preservation, safety, and security	13	14	Bajpai, Vivek K.; Kamle, Madhu; Shukla, Shruti; Mahato, Dipendra Kumar; Chandra, Pranjali; Hwang, Seung Kyu; Kumar, Pradeep; Huh, Yun Suk; Han, Young-Kyu	2018	26	1201-1214	Han, Young-Kyu ; Kumar, Pradeep ; Huh, Yun Suk
10	Extraction, bioavailability, and bioefficacy of capsaicinoids	12	12	Lu, Muwen; Ho, Chi-Tang; Huang, Qingrong	2017	25	27-36	Ho, Chi-Tang ; Huang, Qingrong

10	Chemistry and health effects of furanocoumarins in grapefruit	12	14	Hung, Wei-Lun; Suh, Joon Hyuk; Wang, Yu	2017	25	71-83	Wang, Yu
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