

Top 5 Most Cited in 2022 (for Original Articles published in 2020-2021)

Original Article					
Article Title	Authors	Volume	Page	Year	Number of Citations
NeuroDefend, a novel Chinese medicine, attenuates amyloid-beta and tau pathology in experimental Alzheimer's disease models	Iyaswamy, Ashok; Krishnamoorthi, Senthil Kumar; Song, Ju-Xian; Yang, Chuan-Bin; Kaliyamoorthy, Venkatapathy; Zhang, Huan; Sreenivasmurthy, Sravan G.; Malampati, Sandeep; Wang, Zi-Ying; Zhu, Zhou; Tong, Benjamin Chun-Kit; Cheung, King-Ho; Lu, Jia-Hong; Durairajan, Siva Sundara Kumar; Li, Min	28	132-146	2020	15
Mulberry fruits extracts induce apoptosis and autophagy of liver cancer cell and prevent hepatocarcinogenesis in vivo	Cheng, Kwok-Chui; Wang, Chau-Jong; Chang, Yun-Ching; Hung, Tung-Wei; Lai, Chun-Jung; Kuo, Chi-Wen; Huang, Hui-Pei	28	84-93	2020	13
A multi-analyte LC-MS/MS method for screening and quantification of nitrosamines in sartans	Chang, Shu-Han; Chang, Ching-Chia; Wang, Li-Jing; Chen, Wei-Ching; Fan, Shu-Yu; Zang, Chi-Zong; Hsu, Ya-Hui; Lin, Mei-Chih; Tseng, Su-Hsiang; Wang, Der-Yuan	28	98-107	2020	7
Apigenin ameliorates hepatic lipid accumulation by activating the autophagy-mitochondria pathway	Hsu, Man Chen; Guo, Bei Chia; Chen, Chia Hui; Hu, Po-An; Lee, Tzong-Shyuan	29	240-254	2021	7
In vitro and in vivo evaluation of the neuroprotective activity of Uncaria hirsuta Haviland	Lin, Chien-Min; Lin, Yi-Tzu; Lee, Tai-Lin; Imtiyaz, Zuha; Hou, Wen-Chi; Lee, Mei-Hsien	28	147-158	2020	6
Bioactive peptides attenuate cardiac hypertrophy and fibrosis in spontaneously hypertensive rat hearts	Huang, Chih Yang; Nithiyantham, Srinivasan; Liao, Jia Ying; Lin, Wan Teng	28	94-102	2020	5

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Article Title	Authors	Volume	Page	Year	Number of Citations
Alleviating chronic kidney disease progression through modulating the critical genus of gut microbiota in a cisplatin-induced Lanyu pig model	Lee, Ya-Jane; Li, Kuan-Yi; Wang, Pin-Jhu; Huang, Hsiao-Wen; Chen, Ming-Ju	28	103-114	2020	5
Anti-inflammatory effects of peptides from a marine algicolous fungus <i>Acremonium</i> sp. NTU492 in BV-2 microglial cells	Hsiao, George; Wang, Shih-Wei; Chiang, Yin-Ru; Chi, Wei-Chiung; Kuo, Yueh-Hsiung; Do Anh Phong; Chen, Chia-Yu; Lee, Tzong-Huei	28	89-97	2020	5

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Top 10 Most Cited in 2022 (for Review Articles published in 2020-2021)

Review Article					
Article Title	Authors	Volume	Page	Year	Number of Citations
Healthy expectations of high hydrostatic pressure treatment in food processing industry	Huang, Hsiao-Wen; Hsu, Chiao-Ping; Wang, Chung-Yi	28	1-13	2020	25
Recent advances in cancer chemoprevention with phytochemicals	Koh, Yen-Chun; Ho, Chi-Tang; Pan, Min-Hsiung	28	14-37	2020	23
Gas chromatography-mass spectrometry-based analytical strategies for fatty acid analysis in biological samples	Chiu, Huai-Hsuan; Kuo, Ching-Hua	28	60-73	2020	18
Carbon dots as artificial peroxidases for analytical applications	Wei, Shih-Chun; Lin, Yang-Wei; Chang, Huan-Tsung	28	558-574	2020	15
The analytical and biomedical applications of carbon dots and their future theranostic potential: A review	Ross, Sukunya; Wu, Ren-Siang; Wei, Shih-Chun; Ross, Gareth M.; Chang, Huan-Tsung	28	677-695	2020	14
Nanomaterial-based fluorescent biosensors for veterinary drug detection in foods	Tao, Xiaoqi; Peng, Yuanyuan; Liu, Juwen	28	575-594	2020	12
Functionalized gold nanoparticles for sensing of pesticides: A review	Tseng, Wei-Bin; Hsieh, Ming-Mu; Chen, Che-Hsie; Chiu, Tai-Chia; Tseng, Wei-Lung	28	521-538	2020	10
Carbon quantum dots for the detection of antibiotics and pesticides	Chu, Han-Wei; Unnikrishnan, Binesh; Anand, Anisha; Lin, Yang-Wei; Huang, Chih-Ching	28	539-557	2020	10
Perspective on recent developments of nanomaterial based fluorescent sensors: Applications in safety and quality control of food and beverages	Han, Ailing; Hao, Sijia; Yang, Yayu; Li, Xia; Luo, Xiaoyu; Fang, Guozhen; Liu, Jifeng; Wang, Shuo	28	486-507	2020	9
A mechanistic and empirical review of antcins, a new class of phytosterols of formosan fungi origin	Kumar, K. J. Senthil; Vani, M. Gokila; Chen, Chieh-Yin; Hsiao, Wen-Wei; Li, Jing; Lin, Zhan-xi; Chu, Fang-Hua; Yen, Gow-Chin; Wang, Sheng-Yang	28	38-59	2020	8

Review Article					
Article Title	Authors	Volume	Page	Year	Number of Citations
Noble metal nanomaterial-based aptasensors for microbial toxin detection	He, Yue; Wen, Cong-Ying; Guo, Zhi-Jun; Huang, Yu-Fen	28	508-520	2020	6
Improved food additive analysis by ever-increasing nanotechnology	Zhang, Jing; Hu, Shui; Du, Yi; Cao, Ding; Wang, Guirong; Yuan, Zhiqin	28	622-640	2020	6
Nanomaterial-based adsorbents and optical sensors for illicit drug analysis	Chen, Chun-Hsien; Wang, Chun-Chi; Ko, Po-Yun; Chen, Yen-Ling	28	654-676	2020	6

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