Mohammad Sharif Khan

List of Publications by Year
in descending order

25 papers	2,488 citations	759233 12 h-index	677142 22 g-index
26 all docs	26 docs citations	26 times ranked	3776 citing authors

#	Article	IF	Citations
1	Techniques for extraction of bioactive compounds from plant materials: A review. Journal of Food Engineering, 2013, 117, 426-436.	5.2	1,757
2	Experimental design of supercritical fluid extraction – A review. Journal of Food Engineering, 2014, 124, 105-116.	5.2	255
3	Cocoa butter fats and possibilities of substitution in food products concerning cocoa varieties, alternative sources, extraction methods, composition, and characteristics. Journal of Food Engineering, 2013, 117, 467-476.	5.2	142
4	Particle formation and micronization using non-conventional techniques- review. Chemical Engineering and Processing: Process Intensification, 2014, 86, 47-52.	3.6	53
5	Type-2 Diabetes as a Risk Factor for Severe COVID-19 Infection. Microorganisms, 2021, 9, 1211.	3.6	38
6	The microfluidic Deans switch: 50 years of progress, innovation and application. TrAC - Trends in Analytical Chemistry, 2016, 82, 35-54.	11.4	36
7	Optimization of oil yield of Phaleria macrocarpa seed using response surface methodology and its fatty acids constituents. Industrial Crops and Products, 2014, 52, 405-412.	5.2	34
8	Ethanol modified supercritical carbon dioxide extraction of antioxidant rich extract from Pereskia bleo. Journal of Industrial and Engineering Chemistry, 2015, 21, 1314-1322.	5.8	29
9	Supercritical carbon dioxide extraction of highly unsaturated oil from Phaleria macrocarpa seed. Food Research International, 2014, 65, 394-400.	6.2	23
10	Breath can discriminate tuberculosis from other lower respiratory illness in children. Scientific Reports, 2021, 11, 2704.	3.3	21
11	Orthogonal Partial Least Squares Model for Rapid Prediction of Antioxidant Activity ofPereskia bleoby Fourier Transform Infrared Spectroscopy. Analytical Letters, 2014, 47, 2061-2071.	1.8	18
12	Reduction of gelatinization temperatures of starch blend suspensions with supercritical CO_2 treatment. Journal of Supercritical Fluids, 2014, 95, 499-505.	3.2	13
13	Pressure Tuning of First Dimension Columns in Comprehensive Two-Dimensional Gas Chromatography. Analytical Chemistry, 2016, 88, 9087-9094.	6.5	13
14	Multi-column trajectory to advanced methods in comprehensive two-dimensional gas chromatography. TrAC - Trends in Analytical Chemistry, 2018, 106, 11-20.	11.4	12
15	Second dimension column ensemble pressure tuning in comprehensive two-dimensional gas chromatography. Journal of Chromatography A, 2018, 1536, 39-49.	3.7	8
16	Breath biomarkers of insulin resistance in pre-diabetic Hispanic adolescents with obesity. Scientific Reports, 2022, 12, 339.	3.3	8
17	Profiling of minerals, water soluble vitamins and carotenoid in selected unconventional leafy and non-leafy vegetables of Bangladesh. Natural Product Research, 2020, , 1-5.	1.8	7
18	Relating pressure tuned coupled column ensembles with the solvation parameter model for tunable selectivity in gas chromatography. Journal of Chromatography A, 2016, 1455, 156-162.	3.7	6

#	Article	IF	Citations
19	Chromatographic Assessment of Polyphenolic Profile and Total Phenolic Content and Antioxidant Activity of Common Leafy Vegetables in Bangladesh. Current Chromatography, 2020, 7, 40-50.	0.3	5
20	Multivariate analysis of PRISMA optimized TLC image for predicting antioxidant activity and identification of contributing compounds from *Pereskia bleo*. Biomedical Chromatography, 2015, 29, 1826-1833.	1.7	4
21	Multi-omics for Biomedical Applications. Journal of Applied Bioanalysis, 2020, 6, 97-106.	0.2	4
22	Recent Advances in Targeting Clinical Volatile Organic Compounds (VOC). , 0, , .		1
23	Strategy for Sustainable and Green Chromatographic Separation Science: Innovation, Technology and Application. Current Chromatography, 2020, 7, 5-16.	0.3	1
24	Green and Sustainable Separation Science Techniques and Applications. Current Chromatography, 2020, 7, 4-4.	0.3	0
25	Multi-omics for Biomedical Applications. Journal of Applied Bioanalysis, 2020, 6, 97-106.	0.2	0