

# Mohammad Sharif Khan

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Breath biomarkers of insulin resistance in pre-diabetic Hispanic adolescents with obesity. Scientific Reports, 2022, 12, 339.	3.3	8
2	Breath can discriminate tuberculosis from other lower respiratory illness in children. Scientific Reports, 2021, 11, 2704.	3.3	21
3	Type-2 Diabetes as a Risk Factor for Severe COVID-19 Infection. Microorganisms, 2021, 9, 1211.	3.6	38
4	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
5	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
6	Multi-omics for Biomedical Applications. Journal of Applied Bioanalysis, 2020, 6, 97-106.	0.2	4
7	Strategy for Sustainable and Green Chromatographic Separation Science: Innovation, Technology and Application. Current Chromatography, 2020, 7, 5-16.	0.3	1
8	Green and Sustainable Separation Science Techniques and Applications. Current Chromatography, 2020, 7, 4-4.	0.3	0
9	Multi-omics for Biomedical Applications. Journal of Applied Bioanalysis, 2020, 6, 97-106.	0.2	0
10	Second dimension column ensemble pressure tuning in comprehensive two-dimensional gas chromatography. Journal of Chromatography A, 2018, 1536, 39-49.	3.7	8
11	Multi-column trajectory to advanced methods in comprehensive two-dimensional gas chromatography. TrAC - Trends in Analytical Chemistry, 2018, 106, 11-20.	11.4	12
12	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
13	The microfluidic Deans switch: 50 years of progress, innovation and application. TrAC - Trends in Analytical Chemistry, 2016, 82, 35-54.	11.4	36
14	Pressure Tuning of First Dimension Columns in Comprehensive Two-Dimensional Gas Chromatography. Analytical Chemistry, 2016, 88, 9087-9094.	6.5	13
15	Multivariate analysis of PRISMA optimized TLC image for predicting antioxidant activity and identification of contributing compounds from <i>Pereskia bleo</i> . Biomedical Chromatography, 2015, 29, 1826-1833.	1.7	4
16	Ethanol modified supercritical carbon dioxide extraction of antioxidant rich extract from <i>Pereskia bleo</i> . Journal of Industrial and Engineering Chemistry, 2015, 21, 1314-1322.	5.8	29
17	Particle formation and micronization using non-conventional techniques- review. Chemical Engineering and Processing: Process Intensification, 2014, 86, 47-52.	3.6	53
18	Orthogonal Partial Least Squares Model for Rapid Prediction of Antioxidant Activity of <i>Pereskia bleo</i> by Fourier Transform Infrared Spectroscopy. Analytical Letters, 2014, 47, 2061-2071.	1.8	18

#	ARTICLE	IF	CITATIONS
19	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
20	Experimental design of supercritical fluid extraction “ A review. Journal of Food Engineering, 2014, 124, 105-116.	5.2	255
21	Reduction of gelatinization temperatures of starch blend suspensions with supercritical CO2 treatment. Journal of Supercritical Fluids, 2014, 95, 499-505.	3.2	13
22	Supercritical carbon dioxide extraction of highly unsaturated oil from Phaleria macrocarpa seed. Food Research International, 2014, 65, 394-400.	6.2	23
23	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
24	Techniques for extraction of bioactive compounds from plant materials: A review. Journal of Food Engineering, 2013, 117, 426-436.	5.2	1,757
25	Recent Advances in Targeting Clinical Volatile Organic Compounds (VOC). , 0, , .		1