

Arun Jana

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7169557/publications.pdf>

Version: 2024-02-01

23
papers

1,212
citations

623734

14
h-index

888059

17
g-index

23
all docs

23
docs citations

23
times ranked

1010
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of electronic nose for industrial odors and gaseous emissions measurement and monitoring – An overview. <i>Talanta</i> , 2015, 144, 329-340.	5.5	154
2	Electronic Nose for Black Tea Classification and Correlation of Measurements With –Tea Taster– Marks. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2008, 57, 1313-1321.	4.7	146
3	Instrumental testing of tea by combining the responses of electronic nose and tongue. <i>Journal of Food Engineering</i> , 2012, 110, 356-363.	5.2	123
4	Detection of optimum fermentation time for black tea manufacturing using electronic nose. <i>Sensors and Actuators B: Chemical</i> , 2007, 122, 627-634.	7.8	117
5	Monitoring of black tea fermentation process using electronic nose. <i>Journal of Food Engineering</i> , 2007, 80, 1146-1156.	5.2	116
6	Classification of Black Tea Taste and Correlation With Tea Taster's Mark Using Voltammetric Electronic Tongue. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2010, 59, 2230-2239.	4.7	99
7	Electronic nose for black tea quality evaluation by an incremental RBF network. <i>Sensors and Actuators B: Chemical</i> , 2009, 138, 90-95.	7.8	98
8	Preemptive identification of optimum fermentation time for black tea using electronic nose. <i>Sensors and Actuators B: Chemical</i> , 2008, 131, 110-116.	7.8	68
9	Comparison of multivariate preprocessing techniques as applied to electronic tongue based pattern classification for black tea. <i>Analytica Chimica Acta</i> , 2010, 675, 8-15.	5.4	60
10	Towards Versatile Electronic Nose Pattern Classifier for Black Tea Quality Evaluation: An Incremental Fuzzy Approach. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2009, 58, 3069-3078.	4.7	51
11	Calibration transfer between electronic nose systems for rapid In situ measurement of pulp and paper industry emissions. <i>Analytica Chimica Acta</i> , 2014, 841, 58-67.	5.4	44
12	Quantitative determination of pulp and paper industry emissions and associated odor intensity in methyl mercaptan equivalent using electronic nose. <i>Atmospheric Environment</i> , 2014, 82, 401-409.	4.1	41
13	Illumination heating and physical raking for increasing sensitivity of electronic nose measurements with black tea. <i>Sensors and Actuators B: Chemical</i> , 2008, 131, 37-42.	7.8	22
14	External bias dependent dynamic terahertz propagation through BiFeO ₃ film. <i>Nanotechnology</i> , 2022, 33, 325202.	2.6	17
15	Hybridization of dark resonant states in terahertz metasurfaces. <i>Journal of Applied Physics</i> , 2021, 130, .	2.5	14
16	Incremental PNN classifier for a versatile electronic nose. , 2008, , .		10
17	Classification of aromatic and non-aromatic rice using electronic nose and artificial neural network. , 2011, , .		10
18	Hybrid resonant cavities: A route towards phase engineered THz metasurfaces. <i>IScience</i> , 2022, 25, 104024.	4.1	9

#	ARTICLE	IF	CITATIONS
19	Broadband terahertz characterization of graphene oxide films fabricated on flexible substrates. Optical Materials, 2022, 125, 112045.	3.6	6
20	Smell Peak Prediction During Black Tea Fermentation Process Using Time-Delay Neural Network on Electronic Nose Data. , 2007, , .		5
21	Regression model on electronic nose data from aromatic rice samples. , 2012, , .		2
22	Machine Olfaction for Odorant and Odor Intensity Monitoring of Gaseous Emissions Emitted from Paper Manufacturing Industries. Sensor Letters, 2014, 12, 1190-1193.	0.4	0
23	Correlating Electronic Nose and Field Olfactometer for Industrial Odor Concentration Measurement Using PLS and MLR. Advances in Computer and Electrical Engineering Book Series, 2018, , 94-103.	0.3	0