

# Herlina

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16  
papers

113  
citations

5  
h-index

10  
g-index

25  
ext. papers

146  
ext. citations

2.5  
avg, IF

2.27  
L-index

#	Paper	IF	Citations
16	Evaluation of common pre-processing approaches for visible (VIS) and shortwave near infrared (SWNIR) spectroscopy in soluble solids content (SSC) assessment. <i>Biosystems Engineering</i> , <b>2013</b> , 115, 82-88	4.8	19
15	Particle Detector for Gas Insulated Switchgear and the Effect on Environment. <i>Applied Mechanics and Materials</i> , <b>2013</b> , 284-287, 1099-1103	0.3	
14	Ultrasonic Tomography System: Optimizing the Frequency in a Metal Pipe Conveyor. <i>Applied Mechanics and Materials</i> , <b>2013</b> , 284-287, 572-576	0.3	
13	Artificial neural network coupled with robust principal components in near infrared spectroscopic analysis <b>2012</b> ,		1
12	Neural network and principal component regression in non-destructive soluble solids content assessment: a comparison. <i>Journal of Zhejiang University: Science B</i> , <b>2012</b> , 13, 145-51	4.5	25
11	Novel Adjacent Criterion Method for Improving Ultrasonic Imaging Spatial Resolution. <i>IEEE Sensors Journal</i> , <b>2012</b> , 12, 1746-1747	4	9
10	Prediction of soluble solids content of pineapple via non-invasive low cost visible and shortwave near infrared spectroscopy and artificial neural network. <i>Biosystems Engineering</i> , <b>2012</b> , 113, 158-165	4.8	36
9	Using near-Infrared Spectroscopy to Investigate the Amylose Content in Rice. <i>Applied Mechanics and Materials</i> , <b>2012</b> , 239-240, 163-166	0.3	0
8	Tomographic Reconstruction of a Multi-Attenuation Phantom by Means of Ultrasonic Method. <i>Lecture Notes in Electrical Engineering</i> , <b>2012</b> , 761-767	0.2	
7	Gas Hold-Up Profiles Measurement Using Ultrasonic Sensor. <i>IEEE Sensors Journal</i> , <b>2011</b> , 11, 460-461	4	10
6	A comparison of Principal Component Regression and Artificial Neural Network in fruits quality prediction <b>2011</b> ,		2
5	Breathalyzer enabled ignition switch system <b>2010</b> ,		4
4	Early diagnostic the grading stages of dengue haemorrhagic fever <b>2009</b> ,		1
3	Monitoring haemoglobin status in dengue patients using ARMAX model <b>2008</b> ,		1
2	A novel prediction system in dengue fever using NARMAX model <b>2007</b> ,		2
1	A non-invasive system for predicting hemoglobin (Hb) in dengue fever (DF) and dengue hemorrhagic fever (DHF)		3