

# Pablo Granitto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3580141/publications.pdf>

Version: 2024-02-01

35  
papers

1,717  
citations

394421

19  
h-index

377865

34  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1723  
citing authors

#	ARTICLE	IF	CITATIONS
1	Drifting features: Detection and evaluation in the context of automatic RR Lyrae identification in the VVV. <i>Astronomy and Astrophysics</i> , 2021, 652, A151.	5.1	1
2	Automatic catalog of RR Lyrae from $\sim 14$ million VVV light curves: How far can we go with traditional machine-learning?. <i>Astronomy and Astrophysics</i> , 2020, 642, A58.	5.1	4
3	From FATS to feets: Further improvements to an astronomical feature extraction tool based on machine learning. <i>Astronomy and Computing</i> , 2018, 25, 213-220.	1.7	18
4	Seed-per-pod estimation for plant breeding using deep learning. <i>Computers and Electronics in Agriculture</i> , 2018, 150, 196-204.	7.7	101
5	Corral framework: Trustworthy and fully functional data intensive parallel astronomical pipelines. <i>Astronomy and Computing</i> , 2017, 20, 140-154.	1.7	5
6	Improved multiclass feature selection via list combination. <i>Expert Systems With Applications</i> , 2017, 88, 205-216.	7.6	7
7	Deep learning for plant identification using vein morphological patterns. <i>Computers and Electronics in Agriculture</i> , 2016, 127, 418-424.	7.7	437
8	Rapid and direct volatile compound profiling of black and green teas ( <i>Camellia sinensis</i> ) from different countries with PTR-ToF-MS. <i>Talanta</i> , 2016, 152, 45-53.	5.5	44
9	Clustering using PK-D: A connectivity and density dissimilarity. <i>Expert Systems With Applications</i> , 2016, 51, 151-160.	7.6	7
10	Finding local leaf vein patterns for legume characterization and classification. <i>Machine Vision and Applications</i> , 2016, 27, 709-720.	2.7	19
11	Tracing coffee origin by direct injection headspace analysis with PTR/SRI-MS. <i>Food Research International</i> , 2015, 69, 235-243.	6.2	36
12	Nonstationary regression with support vector machines. <i>Neural Computing and Applications</i> , 2015, 26, 641-649.	5.6	10
13	Automatic classification of legumes using leaf vein image features. <i>Pattern Recognition</i> , 2014, 47, 158-168.	8.1	136
14	Multiscale recognition of legume varieties based on leaf venation images. <i>Expert Systems With Applications</i> , 2014, 41, 4638-4647.	7.6	45
15	Abrupt change detection with One-Class Time-Adaptive Support Vector Machines. <i>Expert Systems With Applications</i> , 2013, 40, 7242-7249.	7.6	17
16	Multiclass methods in the analysis of metabolomic datasets: The example of raspberry cultivar volatile compounds detected by GC-MS and PTR-MS. <i>Food Research International</i> , 2013, 54, 1313-1320.	6.2	9
17	Effect of the pig rearing system on the final volatile profile of Iberian dry-cured ham as detected by PTR-ToF-MS. <i>Meat Science</i> , 2013, 93, 420-428.	5.5	35
18	PTR-ToF-MS and data mining methods: a new tool for fruit metabolomics. <i>Metabolomics</i> , 2012, 8, 761-770.	3.0	58

#	ARTICLE	IF	CITATIONS
19	Linking GC-MS and PTR-TOF-MS fingerprints of food samples. Chemometrics and Intelligent Laboratory Systems, 2012, 118, 301-307.	3.5	30
20	Rapid characterization of dry cured ham produced following different PDOs by proton transfer reaction time of flight mass spectrometry (PTR-ToF-MS). Talanta, 2011, 85, 386-393.	5.5	51
21	On data analysis in PTR-TOF-MS: From raw spectra to data mining. Sensors and Actuators B: Chemical, 2011, 155, 183-190.	7.8	146
22	PTR-TOF-MS and data mining methods for rapid characterisation of agro-industrial samples: influence of milk storage conditions on the volatile compounds profile of Trentingrana cheese. Journal of Mass Spectrometry, 2010, 45, 1065-1074.	1.6	60
23	Discriminant models based on sensory evaluations: Single assessors versus panel average. Food Quality and Preference, 2008, 19, 589-595.	4.6	9
24	Modern data mining tools in descriptive sensory analysis: A case study with a Random forest approach. Food Quality and Preference, 2007, 18, 681-689.	4.6	48
25	Prediction of minimum temperatures in an alpine region by linear and non-linear post-processing of meteorological models. Nonlinear Processes in Geophysics, 2007, 14, 211-222.	1.3	40
26	Rapid and non-destructive identification of strawberry cultivars by direct PTR-MS headspace analysis and data mining techniques. Sensors and Actuators B: Chemical, 2007, 121, 379-385.	7.8	61
27	Overembedding Method for Modeling Nonstationary Systems. Physical Review Letters, 2006, 96, 118701.	7.8	11
28	Large-scale investigation of weed seed identification by machine vision. Computers and Electronics in Agriculture, 2005, 47, 15-24.	7.7	98
29	Secular Behavior of Solar Magnetic Activity: Nonstationary Time-Series Analysis of the Sunspot Record. Solar Physics, 2004, 221, 167-177.	2.5	7
30	Modelling nonstationary dynamics. Physica A: Statistical Mechanics and Its Applications, 2003, 327, 190-194.	2.6	8
31	Artificial Neural Network Learning of Nonstationary Behavior in Time Series. International Journal of Neural Systems, 2003, 13, 103-109.	5.2	10
32	Weed seeds identification by machine vision. Computers and Electronics in Agriculture, 2002, 33, 91-103.	7.7	94
33	A LATE-STOPPING METHOD FOR OPTIMAL AGGREGATION OF NEURAL NETWORKS. International Journal of Neural Systems, 2001, 11, 305-310.	5.2	6
34	Nonstationary Time-Series Analysis: Accurate Reconstruction of Driving Forces. Physical Review Letters, 2001, 87, 124101.	7.8	34
35	Title is missing!. Solar Physics, 2000, 191, 419-425.	2.5	15