AndrÃ©s YÃ¡Ã±ez Escolano

List of Publications by Year
in descending order

22 papers	393 citations	1478505 6 h-index	996975 15 g-index
23 all docs	23 docs citations	23 times ranked	723 citing authors

#	Article	IF	Citations
1	The Peak Pairs algorithm for strain mapping from HRTEM images. Ultramicroscopy, 2007, 107, 1186-1193.	1.9	230
2	Simulation of high angle annular dark field scanning transmission electron microscopy images of large nanostructures. Applied Physics Letters, 2008, 93, 153107.	3.3	43
3	Three-dimensional acoustic lenses with axial symmetry. Applied Physics Letters, 2010, 97, .	3.3	23
4	Atomic scale high-angle annular dark field STEM analysis of the N configuration in dilute nitrides of GaAs. Physical Review B, 2009, 80, .	3.2	22
5	Error Quantification in Strain Mapping Methods. Microscopy and Microanalysis, 2007, 13, 320-328.	0.4	20
6	Accuracy assessment of strain mapping from Z-contrast images of strained nanostructures. Applied Physics Letters, 2009, 95, .	3.3	16
7	Clustering analysis of game-based learning: Worth it for all students?. Journal of Gaming and Virtual Worlds, 2019, 11, 45-66.	0.4	7
8	Evaluation of high-quality image reconstruction techniques applied to high-resolution Z-contrast imaging. Ultramicroscopy, 2017, 182, 283-291.	1.9	6
9	Repeated Measures Multiple Comparison Procedures Applied to Model Selection in Neural Networks. Lecture Notes in Computer Science, 2001, , 88-95.	1.3	6
10	CDrift: An Algorithm to Correct Linear Drift From A Single High-Resolution STEM Image. Microscopy and Microanalysis, 2020, 26, 913-920.	0.4	5
11	Identifying writing profiles in game-based language learning using data mining. , 2015, , .		4
12	HAADF-STEM Image Resolution Enhancement Using High-Quality Image Reconstruction Techniques: Case of the Fe3O4(111) Surface. Microscopy and Microanalysis, 2019, 25, 1297-1303.	0.4	4
13	A methodology for the extraction of quantitative information from electron microscopy images at the atomic level. Journal of Physics: Conference Series, 2014, 522, 012013.	0.4	3
14	Through-focal HAADF-STEM of buried nanostructures. Journal of Physics: Conference Series, 2010, 209, 012032.	0.4	1
15	Correcting sample drift using Fourier harmonics. Micron, 2018, 110, 18-27.	2.2	1
16	Empirical Performance Assessment of Nonlinear Model Selection Techniques. Lecture Notes in Computer Science, 2002, , 450-459.	1.3	1
17	Model selection methods in multilayer perceptrons. , 0, , .		0
18	Statistical Ensemble Method (SEM): A New Meta-machine Learning Approach Based on Statistical Techniques. Lecture Notes in Computer Science, 2005, , 192-199.	1.3	0

#	Article	IF	Citations
19	Preferential sites for InAsP/InP quantum wire nucleation using molecular dynamics. European Physical Journal B, 2014, 87, 1.	1.5	0
20	A new penalty-based criterion for model selection in regularized nonlinear models. Lecture Notes in Computer Science, 2003, , 374-381.	1.3	0
21	AL4LA: Active Learning for Text Labeling Based on Paragraph Vectors. Lecture Notes in Computer Science, 2019, , 679-687.	1.3	0
22	OPEN-DESIGN ROV: A MULTIDISCIPLINARY AND COLLABORATIVE PROJECT AMONG DIFFERENT AREAS OF KNOWLEDGE. , 2019, , .		0