Stefano Ferrari

List of Publications by Year
in descending order

42 papers	**862** citations
840119 **11** h-index	940134 **16** g-index
46 all docs	**46** docs citations
46 times ranked	**663** citing authors

#	Article	IF	Citations
1	Unsupervised Learning From Limited Available Data by Î²-NMF and Dual Autoencoder. , 2020, , .		2
2	On Approximating the Non-negative Rank: Applications to Unsupervised Image Reduction. , 2020, , .		2
3	Solar panel modelling through computational intelligence techniques. Measurement: Journal of the International Measurement Confederation, 2016, 93, 572-580.	2.5	6
4	Models for solar radiation prediction based on different measurement sites. Measurement: Journal of the International Measurement Confederation, 2015, 63, 346-363.	2.5	45
5	Multi-point solar prediction through feed-forward neural networks. , 2014, , .		0
6	Scanner systems. , 2013, , 21-42.		0
7	Computational intelligence models for solar radiation prediction. , 2013, , .		13
8	An Android-based platform for augmented-reality remote inspection systems prototyping. , 2013, , .		0
9	A data approximation based approach to photovoltaic systems maintenance. , 2013, , .		5
10	Surface fitting as a regression problem. , 2013, , 61-76.		0
11	Hierarchical Support Vector Regression. , 2013, , 111-142.		0
12	Hierarchical Radial Basis Functions Networks. , 2013, , 77-110.		0
13	Message from the chairpersons. , 2012, , .		0
14	Hierarchical Approach for Multiscale Support Vector Regression. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 1448-1460.	7.2	36
15	Illuminance prediction through SVM regression. , 2011, , .		13
16	Multi-scale Support Vector Regression. , 2010, , .		12
17	A Hierarchical RBF Online Learning Algorithm for Real-Time 3-D Scanner. IEEE Transactions on Neural Networks, 2010, 21, 275-285.	4.8	53
18	Nozzle and Working-Condition Classifications for Water Jet Systems. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 1546-1554.	2.4	1

#	ARTICLE	IF	CITATIONS
19	Nozzles Classification in a High-Pressure Water Jet System. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 3739-3745.	2.4	4
20	Guest EditorialSpecial Section on VECIMS 2005. IEEE Transactions on Instrumentation and Measurement, 2008, 57, 1818-1819.	2.4	0
21	Guest EditorialSpecial Section on VECIMS 2006. IEEE Transactions on Instrumentation and Measurement, 2008, 57, 1852-1853.	2.4	0
22	A Tool for Working Condition and Nozzles Classification for Water Jet Systems. , 2008, , .		3
23	Virtual environment for granulometry analysis. , 2008, , .		5
24	Kernel regression in HRBF networks for surface reconstruction. , 2008, , .		10
25	Image Processing for Granulometry Analysis via Neural Networks. , 2008, , .		9
26	Online training of Hierarchical RBF. Neural Networks (IJCNN), International Joint Conference on, 2007, , .	0.0	10
27	Reducing and Filtering Point Clouds With Enhanced Vector Quantization. IEEE Transactions on Neural Networks, 2007, 18, 161-177.	4.8	21
28	Refining Hierarchical Radial Basis Function Networks. , 2007, , .		7
29	Automatic Multiscale Meshing Through HRBF Networks. IEEE Transactions on Instrumentation and Measurement, 2005, 54, 1463-1470.	2.4	37
30	Multiscale Approximation With Hierarchical Radial Basis Functions Networks. IEEE Transactions on Neural Networks, 2004, 15, 178-188.	4.8	85
31	Different Brain Correlates for Watching Real and Virtual Hand Actions. NeuroImage, 2001, 14, 749-758.	2.1	271
32	Multiscale models for data processing: an experimental sensitivity analysis. IEEE Transactions on Instrumentation and Measurement, 2001, 50, 995-1002.	2.4	15
33	A portable modular system for automatic acquisition of 3D objects. IEEE Transactions on Instrumentation and Measurement, 2000, 49, 1128-1136.	2.4	30
34	New trends in intelligent system design for embedded and measurement applications. IEEE Instrumentation and Measurement Magazine, 1999, 2, 36-44.	1.2	13
35	Hierarchical RBF networks and local parameters estimate. Neurocomputing, 1998, 19, 259-283.	3.5	49
36	Autoscan: a flexible and portable 3D scanner. IEEE Computer Graphics and Applications, 1998, 18, 38-41.	1.0	62

#	ARTICLE	IF	CITATIONS
37	\<title\>Portable and accurate 3D scanner for breast implant design and reconstructive plastic surgery\</title\>. , 1998, 3338, 1558.		9
38	\<title\>Calibration of TV cameras through RBF networks\</title\>. , 1997, , .		11
39	Real-time surface reconstruction through HRBF networks. , 0, , .		4
40	A methodology for surface reconstruction based on hierarchical models. , 0, , .		1
41	The accuracy of the HRBF networks. , 0, , .		1
42	3D Scanner, State of the Art. , 0, , 451-470.		9