

Stefano Ferrari

List of Publications by Year in descending order

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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	Different Brain Correlates for Watching Real and Virtual Hand Actions. NeuroImage, 2001, 14, 749-758.	2.1	271
2	Multiscale Approximation With Hierarchical Radial Basis Functions Networks. IEEE Transactions on Neural Networks, 2004, 15, 178-188.	4.8	85
3	Autoscan: a flexible and portable 3D scanner. IEEE Computer Graphics and Applications, 1998, 18, 38-41.	1.0	62
4	A Hierarchical RBF Online Learning Algorithm for Real-Time 3-D Scanner. IEEE Transactions on Neural Networks, 2010, 21, 275-285.	4.8	53
5	Hierarchical RBF networks and local parameters estimate. Neurocomputing, 1998, 19, 259-283.	3.5	49
6	Models for solar radiation prediction based on different measurement sites. Measurement: Journal of the International Measurement Confederation, 2015, 63, 346-363.	2.5	45
7	Automatic Multiscale Meshing Through HRBF Networks. IEEE Transactions on Instrumentation and Measurement, 2005, 54, 1463-1470.	2.4	37
8	Hierarchical Approach for Multiscale Support Vector Regression. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 1448-1460.	7.2	36
9	A portable modular system for automatic acquisition of 3D objects. IEEE Transactions on Instrumentation and Measurement, 2000, 49, 1128-1136.	2.4	30
10	Reducing and Filtering Point Clouds With Enhanced Vector Quantization. IEEE Transactions on Neural Networks, 2007, 18, 161-177.	4.8	21
11	Multiscale models for data processing: an experimental sensitivity analysis. IEEE Transactions on Instrumentation and Measurement, 2001, 50, 995-1002.	2.4	15
12	New trends in intelligent system design for embedded and measurement applications. IEEE Instrumentation and Measurement Magazine, 1999, 2, 36-44.	1.2	13
13	Illuminance prediction through SVM regression. , 2011, , .		13
14	Computational intelligence models for solar radiation prediction. , 2013, , .		13
15	Multi-scale Support Vector Regression. , 2010, , .		12
16	<title>Calibration of TV cameras through RBF networks</title>., 1997, , .		11
17	Online training of Hierarchical RBF. Neural Networks (IJCNN), International Joint Conference on, 2007, , .	0.0	10
18	Kernel regression in HRBF networks for surface reconstruction. , 2008, , .		10

#	ARTICLE	IF	CITATIONS
19	<title>Portable and accurate 3D scanner for breast implant design and reconstructive plastic surgery</title>. , 1998, 3338, 1558.		9
20	Image Processing for Granulometry Analysis via Neural Networks. , 2008, , .		9
21	3D Scanner, State of the Art. , 0, , 451-470.		9
22	Refining Hierarchical Radial Basis Function Networks. , 2007, , .		7
23	Solar panel modelling through computational intelligence techniques. Measurement: Journal of the International Measurement Confederation, 2016, 93, 572-580.	2.5	6
24	Virtual environment for granulometry analysis. , 2008, , .		5
25	A data approximation based approach to photovoltaic systems maintenance. , 2013, , .		5
26	Real-time surface reconstruction through HRBF networks. , 0, , .		4
27	Nozzles Classification in a High-Pressure Water Jet System. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 3739-3745.	2.4	4
28	A Tool for Working Condition and Nozzles Classification for Water Jet Systems. , 2008, , .		3
29	Unsupervised Learning From Limited Available Data by \hat{l}^2 -NMF and Dual Autoencoder. , 2020, , .		2
30	On Approximating the Non-negative Rank: Applications to Unsupervised Image Reduction. , 2020, , .		2
31	A methodology for surface reconstruction based on hierarchical models. , 0, , .		1
32	The accuracy of the HRBF networks. , 0, , .		1
33	Nozzle and Working-Condition Classifications for Water Jet Systems. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 1546-1554.	2.4	1
34	Guest EditorialSpecial Section on VECIMS 2005. IEEE Transactions on Instrumentation and Measurement, 2008, 57, 1818-1819.	2.4	0
35	Guest EditorialSpecial Section on VECIMS 2006. IEEE Transactions on Instrumentation and Measurement, 2008, 57, 1852-1853.	2.4	0
36	Message from the chairpersons. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
37	Scanner systems. , 2013, , 21-42.		0
38	An Android-based platform for augmented-reality remote inspection systems prototyping. , 2013, , .		0
39	Multi-point solar prediction through feed-forward neural networks. , 2014, , .		0
40	Surface fitting as a regression problem. , 2013, , 61-76.		0
41	Hierarchical Support Vector Regression. , 2013, , 111-142.		0
42	Hierarchical Radial Basis Functions Networks. , 2013, , 77-110.		0