

fabrizio Davide

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,078
citations

393982

19
h-index

525886

27
g-index

30
all docs

30
docs citations

30
times ranked

928
citing authors

#	ARTICLE	IF	CITATIONS
1	Social information sharing in digital gaming on social network platforms through open standards. , 2013, , .		0
2	Non-Invasive Brain-Computer Interface System to Operate Assistive Devices. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 2532-5.	0.5	3
3	Increasing revenues via adaptive filtering in wired/wireless networks. Computer Networks, 2006, 50, 1261-1280.	3.2	2
4	A Novel Approach to Adaptive Content-based Subscription Management in DHT-based Overlay Networks. Journal of Grid Computing, 2006, 4, 343-353.	2.5	2
5	Neuroengineering--a renaissance in brain science: Tutorial Series from the 3rd Neuro-IT and Neuroengineering Summer School. Journal of Neural Engineering, 2005, 2, 3 p following inner cover.	1.8	0
6	Intelligent content aware services in 3G wireless networks. IEEE Journal on Selected Areas in Communications, 2005, 23, 221-234.	9.7	10
7	Networks of neurons coupled to microelectrode arrays: a neuronal sensory system for pharmacological applications. Biosensors and Bioelectronics, 2003, 18, 627-634.	5.3	117
8	Chaotic chemical sensing. IEEE Sensors Journal, 2002, 2, 656-662.	2.4	3
9	Chemical sensing materials characterization by Kelvin probe technique. Sensors and Actuators B: Chemical, 2000, 70, 254-262.	4.0	25
10	Self-assembled monolayers of mercaptoporphyrins as sensing material for quartz crystal microbalance chemical sensors. Sensors and Actuators B: Chemical, 1998, 47, 70-76.	4.0	45
11	Technologies and tools for mimicking olfaction: status of the Rome "Tor Vergata" electronic nose. Biosensors and Bioelectronics, 1998, 13, 711-721.	5.3	58
12	Electronic-nose modelling and data analysis using a self-organizing map. Measurement Science and Technology, 1997, 8, 1236-1243.	1.4	34
13	Multicomponent analysis on polluted waters by means of an electronic tongue. Sensors and Actuators B: Chemical, 1997, 44, 423-428.	4.0	123
14	Recognition of fish storage time by a metalloporphyrins-coated QMB sensor array. Measurement Science and Technology, 1996, 7, 1103-1114.	1.4	74
15	The application of metalloporphyrins as coating material for quartz microbalance-based chemical sensors. Analytica Chimica Acta, 1996, 325, 53-64.	2.6	140
16	Pattern recognition in gas sensing: well-stated techniques and advances. Sensors and Actuators B: Chemical, 1995, 23, 111-118.	4.0	70
17	Study of the effect of the sensor operating temperature on SnO ₂ -based sensor-array performance. Sensors and Actuators B: Chemical, 1995, 23, 187-191.	4.0	25
18	A self-organizing system for pattern classification: time varying statistics and sensor drift effects. Sensors and Actuators B: Chemical, 1995, 27, 237-241.	4.0	28

#	ARTICLE	IF	CITATIONS
19	Dynamic calibration of QMB polymer-coated sensors by Wiener kernel estimation. <i>Sensors and Actuators B: Chemical</i> , 1995, 27, 275-285.	4.0	28
20	Sensor-array calibration time reduction by dynamic modelling. <i>Sensors and Actuators B: Chemical</i> , 1995, 25, 578-583.	4.0	38
21	Complex chemical pattern recognition with sensor array: the discrimination of vintage years of wine. <i>Sensors and Actuators B: Chemical</i> , 1995, 25, 801-804.	4.0	71
22	A composed neural network for the recognition of gas mixtures. <i>Sensors and Actuators B: Chemical</i> , 1995, 25, 808-812.	4.0	21
23	Structure identification of non-linear models for QMB polymer-coated sensors. <i>Sensors and Actuators B: Chemical</i> , 1995, 25, 830-842.	4.0	9
24	Self-organising sensory maps in odour classification mimicking. <i>Biosensors and Bioelectronics</i> , 1995, 10, 203-218.	5.3	20
25	Sensor arrays calibration with enhanced neural networks. <i>Sensors and Actuators B: Chemical</i> , 1994, 19, 654-657.	4.0	28
26	Self-organizing multisensor systems for odour classification: internal categorization, adaptation and drift rejection. <i>Sensors and Actuators B: Chemical</i> , 1994, 18, 244-258.	4.0	46
27	Performance evaluation of an SnO ₂ -based sensor array for the quantitative measurement of mixtures of H ₂ S and NO ₂ . <i>Sensors and Actuators B: Chemical</i> , 1994, 20, 217-224.	4.0	29
28	Sensor array figures of merit: definitions and properties. <i>Sensors and Actuators B: Chemical</i> , 1993, 13, 327-332.	4.0	13
29	Pattern recognition from sensor arrays: Theoretical considerations. <i>Sensors and Actuators A: Physical</i> , 1992, 32, 507-518.	2.0	13