

Rafael Cabeza

List of Publications by Year in descending order

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39
papers

1,546
citations

394421

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39
all docs

39
docs citations

39
times ranked

1512
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of Polynomial Mapping Functions in Video-Oculography Eye Trackers. ACM Transactions on Computer-Human Interaction, 2012, 19, 1-25.	5.7	191
2	A Fully On-Line Adaptive BCI. IEEE Transactions on Biomedical Engineering, 2006, 53, 1214-1219.	4.2	167
3	A Novel Gaze Estimation System With One Calibration Point. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 1123-1138.	5.0	134
4	Study of On-Line Adaptive Discriminant Analysis for EEG-Based Brain Computer Interfaces. IEEE Transactions on Biomedical Engineering, 2007, 54, 550-556.	4.2	128
5	Linear stereo matching. , 2011, , .		81
6	Anandamide-induced sleep is blocked by SR141716A, a CB1 receptor antagonist and by U73122, a phospholipase C inhibitor. NeuroReport, 2001, 12, 2131-2136.	1.2	76
7	Stereo matching using gradient similarity and locally adaptive support-weight. Pattern Recognition Letters, 2011, 32, 1643-1651.	4.2	58
8	A novel 2D/3D database with automatic face annotation for head tracking and pose estimation. Computer Vision and Image Understanding, 2016, 148, 201-210.	4.7	56
9	Taxonomic study of polynomial regressions applied to the calibration of video-oculographic systems. , 2008, , .		49
10	Evaluation of pupil center-eye corner vector for gaze estimation using a web cam. , 2012, , .		46
11	Oleamide modulates memory in rats. Neuroscience Letters, 2001, 313, 61-64.	2.1	41
12	Gaze Estimation Interpolation Methods Based on Binocular Data. IEEE Transactions on Biomedical Engineering, 2012, 59, 2235-2243.	4.2	41
13	Hierarchical Statistical Shape Models of Multiobject Anatomical Structures: Application to Brain MRI. IEEE Transactions on Medical Imaging, 2012, 31, 713-724.	8.9	39
14	Acetylcholine Mobilization in a Sympathetic Ganglion in the Presence and Absence of 2-(4-Phenylpiperidino)Cyclohexanol (AH5183). Journal of Neurochemistry, 1988, 50, 112-121.	3.9	37
15	Study of discriminant analysis applied to motor imagery bipolar data. Medical and Biological Engineering and Computing, 2007, 45, 61-68.	2.8	35
16	Error characterization and compensation in eye tracking systems. , 2012, , .		35
17	Near Real-Time Stereo Matching Using Geodesic Diffusion. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 410-416.	13.9	34
18	Eye tracking: Pupil orientation geometrical modeling. Image and Vision Computing, 2006, 24, 663-679.	4.5	33

#	ARTICLE	IF	CITATIONS
19	Models for Gaze Tracking Systems. Eurasip Journal on Image and Video Processing, 2007, 2007, 1-16.	2.6	29
20	Unified approach to the implementations of universal active devices. Electronics Letters, 1994, 30, 618-620.	1.0	26
21	Adaptive On-line Classification for EEG-based Brain Computer Interfaces with AAR parameters and band power estimates / Adaptive On-line Classification einer EEG-basierenden Gehirn-Computer Schnittstelle mit Adaptive Autoregressiven und Bandleistungsparametern. Biomedizinische Technik, 2005, 50, 350-354.	0.8	26
22	A Two-State Stochastic Model of REM Sleep Architecture in the Rat. Journal of Neurophysiology, 2002, 88, 2589-2597.	1.8	22
23	In vivo measurement of intrauterine pressure by telemetry: a new approach for studying parturition in mouse models. Physiological Genomics, 2010, 42, 310-316.	2.3	21
24	Sodium leak channel, non-selective contributes to the leak current in human myometrial smooth muscle cells from pregnant women. Molecular Human Reproduction, 2015, 21, 816-824.	2.8	20
25	GAZE TRACKING SYSTEM MODEL BASED ON PHYSICAL PARAMETERS. International Journal of Pattern Recognition and Artificial Intelligence, 2007, 21, 855-877.	1.2	18
26	Evaluation of Corneal Refraction in a Model of a Gaze Tracking System. IEEE Transactions on Biomedical Engineering, 2008, 55, 2812-2822.	4.2	17
27	Robust algorithm for pupil-glint vector detection in a video-oculography eyetracking system. , 2004, , .		16
28	A geometric approach to remote eye tracking. Universal Access in the Information Society, 2009, 8, 241-257.	3.0	13
29	Optimizing interoperability between video-oculographic and electromyographic systems. Journal of Rehabilitation Research and Development, 2011, 48, 253.	1.6	11
30	Models for Gaze Tracking Systems. Eurasip Journal on Image and Video Processing, 2007, 2007, 023570.	2.6	9
31	Cortistatin modulates memory evocation in rats. European Journal of Pharmacology, 2005, 507, 21-28.	3.5	8
32	Shape Constraint Strategies: Novel Approaches and Comparative Robustness. , 2011, , .		8
33	On the Use of Symbolic Analyzers in Circuit Synthesis. , 2000, 25, 67-75.		6
34	A new method for low-capacitance probing. IEEE Transactions on Instrumentation and Measurement, 1993, 42, 775-778.	4.7	5
35	Uptake of exogenous gangliosides by rat brain synaptosomes. Neurochemical Research, 1998, 23, 1515-1520.	3.3	3
36	Ganglioside Patterns Mature at Different Rates in Functionally Related Subregions of the Rat Pons. Developmental Neuroscience, 2002, 24, 478-484.	2.0	2

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37	In utero methanesulfonyl fluoride differentially affects learning and maze performance in the absence of long-lasting cholinergic changes in the adult rat. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 88, 374-384.	2.9	2
38	Full Multiresolution Active Shape Models. <i>Journal of Mathematical Imaging and Vision</i> , 2012, 44, 463-479.	1.3	2
39	Erratum to “A Fully On-Line Adaptive BCI”. <i>IEEE Transactions on Biomedical Engineering</i> , 2006, 53, 1728-1728.	4.2	1