

Rafael Cabeza

List of Publications by Year in descending order

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39
papers

1,546
citations

394421

19
h-index

414414

32
g-index

39
all docs

39
docs citations

39
times ranked

1512
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | Error characterization and compensation in eye tracking systems. , 2012, , . | | 35 |
| 4 | Full Multiresolution Active Shape Models. Journal of Mathematical Imaging and Vision, 2012, 44, 463-479. | 1.3 | 2 |
| 5 | Study of Polynomial Mapping Functions in Video-Oculography Eye Trackers. ACM Transactions on Computer-Human Interaction, 2012, 19, 1-25. | 5.7 | 191 |
| 6 | Evaluation of pupil center-eye corner vector for gaze estimation using a web cam. , 2012, , . | | 46 |
| 7 | Gaze Estimation Interpolation Methods Based on Binocular Data. IEEE Transactions on Biomedical Engineering, 2012, 59, 2235-2243. | 4.2 | 41 |
| 8 | Hierarchical Statistical Shape Models of Multiobject Anatomical Structures: Application to Brain MRI. IEEE Transactions on Medical Imaging, 2012, 31, 713-724. | 8.9 | 39 |
| 9 | Near Real-Time Stereo Matching Using Geodesic Diffusion. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 410-416. | 13.9 | 34 |
| 10 | Linear stereo matching. , 2011, , . | | 81 |
| 11 | Stereo matching using gradient similarity and locally adaptive support-weight. Pattern Recognition Letters, 2011, 32, 1643-1651. | 4.2 | 58 |
| 12 | Optimizing interoperability between video-oculographic and electromyographic systems. Journal of Rehabilitation Research and Development, 2011, 48, 253. | 1.6 | 11 |
| 13 | Shape Constraint Strategies: Novel Approaches and Comparative Robustness. , 2011, , . | | 8 |
| 14 | 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 |
| 15 | A geometric approach to remote eye tracking. Universal Access in the Information Society, 2009, 8, 241-257. | 3.0 | 13 |
| 16 | Evaluation of Corneal Refraction in a Model of a Gaze Tracking System. IEEE Transactions on Biomedical Engineering, 2008, 55, 2812-2822. | 4.2 | 17 |
| 17 | In utero methanesulfonyl fluoride differentially affects learning and maze performance in the absence of long-lasting cholinergic changes in the adult rat. Pharmacology Biochemistry and Behavior, 2008, 88, 374-384. | 2.9 | 2 |
| 18 | A Novel Gaze Estimation System With One Calibration Point. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 1123-1138. | 5.0 | 134 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Taxonomic study of polynomial regressions applied to the calibration of video-oculographic systems. , 2008, , . | | 49 |
| 20 | GAZE TRACKING SYSTEM MODEL BASED ON PHYSICAL PARAMETERS. International Journal of Pattern Recognition and Artificial Intelligence, 2007, 21, 855-877. | 1.2 | 18 |
| 21 | Models for Gaze Tracking Systems. Eurasip Journal on Image and Video Processing, 2007, 2007, 1-16. | 2.6 | 29 |
| 22 | 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 |
| 23 | Study of discriminant analysis applied to motor imagery bipolar data. Medical and Biological Engineering and Computing, 2007, 45, 61-68. | 2.8 | 35 |
| 24 | Models for Gaze Tracking Systems. Eurasip Journal on Image and Video Processing, 2007, 2007, 023570. | 2.6 | 9 |
| 25 | Eye tracking: Pupil orientation geometrical modeling. Image and Vision Computing, 2006, 24, 663-679. | 4.5 | 33 |
| 26 | A Fully On-Line Adaptive BCI. IEEE Transactions on Biomedical Engineering, 2006, 53, 1214-1219. | 4.2 | 167 |
| 27 | Erratum to “A Fully On-Line Adaptive BCI”. IEEE Transactions on Biomedical Engineering, 2006, 53, 1728-1728. | 4.2 | 1 |
| 28 | Cortistatin modulates memory evocation in rats. European Journal of Pharmacology, 2005, 507, 21-28. | 3.5 | 8 |
| 29 | 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 |
| 30 | Robust algorithm for pupil-glint vector detection in a video-oculography eyetracking system. , 2004, , . | | 16 |
| 31 | Ganglioside Patterns Mature at Different Rates in Functionally Related Subregions of the Rat Pons. Developmental Neuroscience, 2002, 24, 478-484. | 2.0 | 2 |
| 32 | A Two-State Stochastic Model of REM Sleep Architecture in the Rat. Journal of Neurophysiology, 2002, 88, 2589-2597. | 1.8 | 22 |
| 33 | Oleamide modulates memory in rats. Neuroscience Letters, 2001, 313, 61-64. | 2.1 | 41 |
| 34 | 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 |
| 35 | On the Use of Symbolic Analyzers in Circuit Synthesis. , 2000, 25, 67-75. | | 6 |
| 36 | Uptake of exogenous gangliosides by rat brain synaptosomes. Neurochemical Research, 1998, 23, 1515-1520. | 3.3 | 3 |

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|----|--|-----|-----------|
| 37 | Unified approach to the implementations of universal active devices. Electronics Letters, 1994, 30, 618-620. | 1.0 | 26 |
| 38 | A new method for low-capacitance probing. IEEE Transactions on Instrumentation and Measurement, 1993, 42, 775-778. | 4.7 | 5 |
| 39 | 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 |