Dissertations and Theses

Doctoral thesis


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Publications

1. Books

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IF 2014: 2.432; latest: 2.028; IFS: 3.358 — EigenF 2014: 0.014; latest: 0.014 — Article Infl. 2014: 1.5; latest: 1.5

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IF 2010: 1.053; latest: 0.928; IFS: 0.94 — EigenF 2010: 0.011; latest: 0.007 — Article Infl. 2010: 0.5; latest: 0.3
http://hdl.handle.net/2268/14121  
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ORBi viewed: 180 (21 ULiège); downloaded: 241 (20 ULiège) — SCOPUS®: 43 (41 self citations excluded)  
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IF 2005: 2.197; latest: 1.461; IFS: 2.016 — EigenF 2005: 0.004; latest: 0.006 — Article Infl. 2005: 1.1; latest: 1.3

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ORBi viewed: 126 (37 ULiège) ; downloaded: 133 (20 ULiège) — SCOPUS®: 3 (2 self citations excluded)

Pierard, S., Phan-Ba, R., & Van Droogenbroeck, M. (2014). Machine learning techniques to assess the performance of a gait analysis system. European Symposium on Artificial Neural Networks, Computational Intelligence and Machine Learning (ESANN) (pp. 419-424).

http://hdl.handle.net/2268/163051
Peer reviewed ✔
ORBi viewed: 113 (15 ULiège) ; downloaded: 147 (10 ULiège) — SCOPUS®: 1 (0 self citations excluded)

Azrour, S., Pierard, S., Geurts, P., & Van Droogenbroeck, M. (2014). Data normalization and supervised learning to assess the condition of patients with multiple sclerosis based on gait analysis. European Symposium on Artificial Neural Networks, Computational Intelligence and Machine Learning (ESANN) (pp. 649-654).

http://hdl.handle.net/2268/162592
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ORBi viewed: 217 (60 ULiège) ; downloaded: 210 (25 ULiège) — SCOPUS®: 1 (1 self citations excluded)


http://hdl.handle.net/2268/144324
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http://hdl.handle.net/2268/41515
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Pierard, S., Pierlot, V., Lejeune, A., & Van Droogenbroeck, M. (2012). I-see-3D! An Interactive and Immersive System that dynamically adapts 2D projections to the location of a user’s eyes. International Conference on 3D Imaging (IC3D) (pp. 8).

http://hdl.handle.net/2268/134431
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ORBi viewed: 461 (50 ULiège) ; downloaded: 562 (21 ULiège) — SCOPUS®: 6 (6 self citations excluded)


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Peer reviewed
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Pierlot, V., Tassin, P., & Van Droogenbroeck, M. (2010). A new precise ultrasonic range sensor based on the emission of two coded FSK signals combined to a ping-pong strategy. *Conference on Research in Information and communication Technology* (pp. 36-39). http://hdl.handle.net/2268/73177
ORBi viewed: 236 (23 ULiège) ; downloaded: 325 (8 ULiège) — SCOPUS®: -


http://hdl.handle.net/2268/12087
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6. Reports

**Expert reports**

  [http://hdl.handle.net/2268/115433](http://hdl.handle.net/2268/115433)  
  ORBi viewed: 69 (14 ULiège) ; downloaded: 0 — SCOPUS®: -

- **Van Droogenbroeck, M. (2003).** Brief technical note on "Entropy as a measure for uncertainty".  
  [http://hdl.handle.net/2268/121268](http://hdl.handle.net/2268/121268)  
  ORBi viewed: 15 (1 ULiège) ; downloaded: 26 (2 ULiège) — SCOPUS®: -

- **Vanderheyden, B., & Van Droogenbroeck, M. (2002).** Étude de la paradiaphonie (NEXT) au sein de câbles composés de paires torsadées.  
  [http://hdl.handle.net/2268/120704](http://hdl.handle.net/2268/120704)  
  ORBi viewed: 220 (5 ULiège) ; downloaded: 2 (1 ULiège) — SCOPUS®: -

  [http://hdl.handle.net/2268/117128](http://hdl.handle.net/2268/117128)  
  ORBi viewed: 53 (1 ULiège) ; downloaded: 2488 (3 ULiège) — SCOPUS®: -

  [http://hdl.handle.net/2268/121472](http://hdl.handle.net/2268/121472)  
  ORBi viewed: 26 ; downloaded: 0 — SCOPUS®: -

**Research reports**

  [http://hdl.handle.net/2268/109037](http://hdl.handle.net/2268/109037)  
  ORBi viewed: 29 ; downloaded: 9 — SCOPUS®: -

- **Barnich, O., & Van Droogenbroeck, M. (2009).** Classification of scenarios for persons crossing a door frame based on the joint measurements of two radial distance sensors.  
  [http://hdl.handle.net/2268/109036](http://hdl.handle.net/2268/109036)  
  ORBi viewed: 68 (1 ULiège) ; downloaded: 3 — SCOPUS®: -

- **Van Droogenbroeck, M. (1992).** Shape coding with an optimized morphological region description (COST 211 bis, Simulation Subgroup), COST.  
  [http://hdl.handle.net/2268/121299](http://hdl.handle.net/2268/121299)  
  ORBi viewed: 19 (3 ULiège) ; downloaded: 8 (1 ULiège) — SCOPUS®: -

- **Lemaire, P., & Van Droogenbroeck, M. (1990).** Results in contour-texture coding (COST 211 bis, SIM/90/147). Martlesham: COST.  
  [http://hdl.handle.net/2268/121298](http://hdl.handle.net/2268/121298)  
  ORBi viewed: 30 (2 ULiège) ; downloaded: 16 (1 ULiège) — SCOPUS®: -

**Research reports**

- **Schadeck, D., & Van Droogenbroeck, M. (2012).** Développement d'un prototype exploitant les brevets ViBe et le chiffrement d'images. University of Liège.  
  [http://hdl.handle.net/2268/112949](http://hdl.handle.net/2268/112949)  
  ORBi viewed: 79 (23 ULiège) ; downloaded: 6 (6 ULiège) — SCOPUS®: -

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  ORBi viewed: 159 (2 ULiège) ; downloaded: 2 — SCOPUS®: -

  [http://hdl.handle.net/2268/120647](http://hdl.handle.net/2268/120647)  
  ORBi viewed: 50 (4 ULiège) ; downloaded: 348 (4 ULiège) — SCOPUS®: -


Van Droogenbroeck, M. (1992). Modélisation symbolique complète des étapes intervenant dans la construction d'un codeur d'images orienté par la notion d'objet (N-20/92/MM). Fontainebleau, France: Centre de Morphologie mathématique. http://hdl.handle.net/2268/175966 ORBi viewed: 37 (2 ULiège); downloaded: 14 (1 ULiège) — SCOPUS®: -

Other reports

Pierlot, V., & Van Droogenbroeck, M. (2013). Statistical analysis of modulated codes for robot positioning -- Application to BeAMS. http://hdl.handle.net/2268/144734 ORBi viewed: 83 (15 ULiège); downloaded: 74 (6 ULiège) — SCOPUS®: -

8. Learning materials


Van Droogenbroeck, M. (2015). Computer Vision (University of Liège, ELEN0016 Computer vision). http://hdl.handle.net/2268/184667 ORBi viewed: 2677 (742 ULiège); downloaded: 1599 (433 ULiège)


Van Droogenbroeck, M. (2013). Digital Image and Video Processing (University of Liège, ELEN0016-1 Digital Image and Video Processing). http://hdl.handle.net/2268/153457 ORBi viewed: 1401 (154 ULiège); downloaded: 805 (95 ULiège) — SCOPUS®: -


Van Droogenbroeck, M. (2008). Analyse et conception des systèmes de télécommunications (transparents) (Université de Liège, ELEN0017-1 Analyse et conception des systèmes de télécommunications). http://hdl.handle.net/2268/1813 ORBi viewed: 984 (76 ULiège); downloaded: 1025 (73 ULiège) — SCOPUS®: -

9. Computer developments

Software

http://hdl.handle.net/2268/121494
ORBi viewed: 255 (2 ULiège) ; downloaded: 35 (1 ULiège) — SCOPUS®: -

Communications

Symposia and conferences with an international target audience

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Phan-Ba, R., Giet, A., Pierard, S., & Van Droogenbroeck, M. (2015, April 10). *Individual variation of gait parameters along a 500 meter walk in people with multiple sclerosis and healthy volunteers*. Poster session presented at 20th Annual Conference of Rehabilitation In Multiple Sclerosis (RIMS), Milan, Italy.  
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