

Ferrante, M., Ferro, N., Pontarollo, S.
A General Theory of IR Evaluation Measures
(2019) IEEE Transactions on Knowledge and Data Engineering, 31
(3), art. no. 8365758, pp. 409-422.

Ferrante, M., Ferro, N., Losiouk, E.
Stochastic relevance for crowdsourcing
(2019) Lecture Notes in Computer Science (including subseries
Lecture Notes in Artificial Intelligence and Lecture Notes in
Bioinformatics), 11437 LNCS, pp. 755-762.
DOI: 10.1007/978-3-030-15712-8_50

van Dijk, D., Ferrante, M., Ferro, N., Kanoulas, E.
A markovian approach to evaluate session-based IR systems
(2019) Lecture Notes in Computer Science (including subseries
Lecture Notes in Artificial Intelligence and Lecture Notes in
Bioinformatics), 11437 LNCS, pp. 621-635.
DOI: 10.1007/978-3-030-15712-8_40

Ferrante, M., Ferro, N., Pontarollo, S.
Modelling randomness in relevance judgments and evaluation
measures
(2018) Lecture Notes in Computer Science (including subseries
Lecture Notes in Artificial Intelligence and Lecture Notes in
Bioinformatics), 10772 LNCS, pp. 197-209.
DOI: 10.1007/978-3-319-76941-7_15

Ferrante, M., Ferro, N., Pontarollo, S.
Are IR evaluation measures on an interval scale?
(2017) ICTIR 2017 - Proceedings of the 2017 ACM SIGIR
International Conference on the Theory of Information Retrieval,
pp. 67-74.
DOI: 10.1145/3121050.3121058

Ferrante, M., Ferro, N., Maistro, M.
AWARE: Exploiting evaluation measures to combine multiple
assessors
(2017) ACM Transactions on Information Systems, 36 (2), art. no.
20.
DOI: 10.1145/3110217

Bardina, X., Ferrante, M., Rovira, C.
Stochastic Epidemic SEIRS Models with a Constant Latency Period
(2017) Mediterranean Journal of Mathematics, 14 (4), art. no. 179.
DOI: 10.1007/s00009-017-0977-8

Montefusco, F., Tagliavini, A., Ferrante, M., Pedersen, M.G.
Concise Whole-Cell Modeling of BKCa-CaV Activity Controlled by
Local Coupling and Stoichiometry
(2017) Biophysical Journal, 112 (11), pp. 2387-2396.
DOI: 10.1016/j.bpj.2017.04.035

Carrari, A., Ferrante, M., Fonseca, G.
A new markovian model for tennis matches
(2017) *Electronic Journal of Applied Statistical Analysis*, 10 (3),
pp. 693-711.
DOI: 10.1285/i20705948v10n3p693

Favaretto, M., Spolaor, R., Conti, M., Ferrante, M.
You surf so strange today: Anomaly detection in web services via
HMM and CTMC
(2017) *Lecture Notes in Computer Science (including subseries
Lecture Notes in Artificial Intelligence and Lecture Notes in
Bioinformatics)*, 10232 LNCS, pp. 426-440.
DOI: 10.1007/978-3-319-57186-7_32

Ferrante, M., Ferraris, E., Rovira, C.
On a stochastic epidemic SEIHR model and its diffusion
approximation
(2016) *Test*, 25 (3), pp. 482-502.
DOI: 10.1007/s11749-015-0465-z

Ferrante, M., Ferro, N., Maistro, M.
Towards a formal framework for utility-oriented measurements of
retrieval effectiveness
(2015) *ICTIR 2015 - Proceedings of the 2015 ACM SIGIR
International Conference on the Theory of Information Retrieval*,
pp. 21-30.
DOI: 10.1145/2808194.2809452

Alabert, A., Berti, A., Caballero, R., Ferrante, M.
No-Free-Lunch theorems in the continuum
(2015) *Theoretical Computer Science*, 600, pp. 98-106.
DOI: 10.1016/j.tcs.2015.07.029

Ferrante, M., Fonseca, G.
On the winning probabilities and mean durations of volleyball
(2014) *Journal of Quantitative Analysis in Sports*, 10 (2), pp.
91-98.
DOI: 10.1515/jqas-2013-0098

Ferrante, M., Ferro, N., Maistro, M.
Rethinking how to extend average precision to graded relevance
(2014) *Lecture Notes in Computer Science (including subseries
Lecture Notes in Artificial Intelligence and Lecture Notes in
Bioinformatics)*, 8685 LNCS, pp. 19-30.
DOI: 10.1007/978-3-319-11382-1_3

Ferrante, M., Ferro, N., Maistro, M.
Injecting user models and time into precision via Markov chains
(2014) *SIGIR 2014 - Proceedings of the 37th International ACM
SIGIR Conference on Research and Development in Information
Retrieval*, pp. 597-606.
DOI: 10.1145/2600428.2609637

Ferrante, M., Rovira, C.
Stochastic differential equations with non-negativity constraints
driven by fractional Brownian motion
(2013) *Journal of Evolution Equations*, 13 (3), pp. 617-632.
DOI: 10.1007/s00028-013-0193-3

Ferrante, M., Rovira, C.
Convergence of delay differential equations driven by fractional
Brownian motion
(2010) *Journal of Evolution Equations*, 10 (4), pp. 761-783.
DOI: 10.1007/s00028-010-0069-8

Ferrante, M., Frigo, N.
Particle filtering approximations for a Gaussian-generalized
inverse Gaussian model
(2009) *Statistics and Probability Letters*, 79 (4), pp. 442-449.
DOI: 10.1016/j.spl.2008.09.017

Ferrante, M., Sanz-Solé, M.
Spdes with coloured noise: Analytic and stochastic approaches
(2006) *ESAIM - Probability and Statistics*, 10, pp. 380-405.
DOI: 10.1051/ps:2006016

Ferrante, M., Rovira, C.
Stochastic delay differential equations driven by fractional
Brownian motion with Hurst parameter $H > 1/2$
(2006) *Bernoulli*, 12 (1), pp. 85-100.

Alabert, A., Ferrante, M.
Linear stochastic differential-algebraic equations with constant
coefficients
(2006) *Electronic Communications in Probability*, 11, pp. 316-335.
DOI: 10.1214/ECP.v11-1236

Alabert, A., Ferrante, M.
Linear stochastic differential equations with functional boundary
conditions
(2003) *Annals of Probability*, 31 (4), pp. 2082-2108.