

CURRICULUM VITAE ET STUDIORUM

Andrea Esuli

1 Personal info

Born on December 26, 1977, in Pisa, Italy
Resident in Pisa.
Italian citizenship.
Married, two daughters.
Homepage: <http://www.esuli.it>

2 Employment history

- **Researcher at the Institute of Information Science and Technology, Italian National Research Council (ISTI-CNR)**, Pisa, permanent position (since 16/9/2011)
- **Researcher at ISTI-CNR**, Pisa, temporary position (7/1/2010-15/9/2011)
- **Research fellowship at ISTI-CNR**, Pisa (1/1/2008-31/12/2009)
- **Research fellowship at ISTI-CNR**, Pisa (1/1/2007-31/12/2007)
- **Research fellowship at ISTI-CNR**, Pisa (1/1/2005-31/12/2006)
- **Research fellowship at the Department of Computer Science, University of Pisa** (1/1/2003-31/12/2004)
- **Research collaboration contract with the Department of Computer Science, University of Pisa** (18/7/2002-31/12/2002)

3 Education

- **PhD in Information Engineering** (2008)
University of Pisa, 10/6/2008, diploma n. 228761.
Thesis: “*Automatic Generation of Lexical Resources for Opinion Mining: Models, Algorithms and Applications*”
- **Master Degree in Computer Science Technologies** (2003)
University of Pisa, 12/12/2003, diploma n. 144248.
Final score **110/110 cum laude**.
- **Master Degree in Computer Science** (2001)
University of Pisa, 19/10/2001, diploma n. 126162.
Final score **110/110 cum laude**.

4 Qualifications

- Abilitazione Scientifica Nazionale, **Professore Seconda Fascia 01/B1 - INFORMATICA** valid from 05/12/2017 to 05/12/2023.
- Abilitazione Scientifica Nazionale, **Professore Seconda Fascia 09/H1 - SISTEMI DI ELABORAZIONE DELLE INFORMAZIONI** valid from 05/12/2017 to 05/12/2023.

5 Awards

- **NVidia GPU Grant (2017)**

NVIDIA Academic GPU grants are intended to enable researchers to begin a new project and/or gain the preliminary results to support a larger proposal to other funding agencies.

Andrea Esuli has been granted a Titan X GPU for his project proposal on “Text anomalies detection using neural language models”

- **ERCIM Cor Baayen Award 2010¹**

ERCIM - European Research Consortium for Informatics and Mathematics, gathering 21 european national research institutions - awards each year the Cor Baayen Award to a promising young researcher in computer science and applied mathematics. The award was created in 1995 to honour the first ERCIM President. The award consists of a cheque for 5000 Euro together with an award certificate.

Andrea Esuli has been the first Italian to win this award and the only winner so far (1995-2017) from an Italian institution.

- **Shortlisted for the Silver Medal of Market Research Society 2011**

- **Top 10% reviewer for ACM Transactions on Information Systems in the period 2009-2012.**

6 Invited talks

- **XXXII Conference of the Spanish Society for Natural Language Processing**, Salamanca, Spagna, 14-16 settembre, 2016.

Keynote speech: “Efficient cross-domain and cross-language learning of sentiment classifiers”.

- **4th Global WordNet Conference** Szeged, Ungheria, 22-25 gennaio, 2008

Invited speech: “Annotating WordNet Synsets by Sentiment-Related Information: Issues and Potential Solutions”.

- (14/6/2006)

Seminar title: “Opinion Mining”

7 Participation to research projects

- VCS3: Andrea Esuli has been the **Principal Investigator** of *Verbatim Coding System 3*, a research and technology transfer project funded by Language Logic LLC, Cincinnati, Ohio, USA. The goal of the project is the application of machine learning methods to automatic analysis of text gathered from social and customer relationship platforms. (started 4/2016, ended 10/2017)

- ASSETS: (Advanced Search Service and Enhanced Technological Solutions for the European Digital Library) is a Best Practice Network EU project under the ICT Policy Support Programme (CIP-ICT PSP-2009-3, GRANT Agreement no: 250527). (started 5/2010, ended 4/2012)

Andrea Esuli has been:

- **Workpackage leader**, workpackage WP2.1 “Ingestion”.
- **Task leader**, task T2.1.3 “Metadata classification”.
- **Task leader**, task T2.1.2 “Knowledge extraction”.
- **Editor** of final deliverable 2.1.3 INGESTION SERVICES.

¹<http://www.ercim.eu/human-capital/cor-baayen-award>

- VCS-Ascribe: Technology transfer project, funded by Archimede Informatica, Pisa. (started 11/2007, ended 12/2015)
Andrea Esuli has been *technical leader* of the project for ISTI-CNR.
- MiningForLife: Technology transfer project, funded by NoemaLife Spa. (started 5/2009, ended 4/2010)
Andrea Esuli has been:
 - **Workpackage leader**, Workpackage 1a, “Automatic classification of text”.
 - **Workpackage leader**, Workpackage 1b, “Information extraction from text”.
- VCS: Technology transfer project, funded by Egg p.l.c., UK. (started 10/2005, ended 7/2006)
Andrea Esuli has been *technical leader* of the project for ISTI-CNR.
The VCS project won the **Premio Vespucci 2006**, awarded by Consiglio Regionale della Toscana and other public institutions, section “Innovazione di successo nel marketing”.
In 2007 VCS won the “**Best New Thinking Award**” awarded by the Market Research Society.
- SAPIR: EU project IST FP6 “SAPIR: Search In Audio Visual Content Using Peer-to-peer IR”, contract n. 45128. (started 1/2007, ended 6/2009)
- OntoText: Research project funded by Provincia Autonoma di Trento. Theme: “From Text to Knowledge for the Semantic Web”. (started 10/2004, ended 3/2008)
Andrea Esuli has been *technical leader* of the project for ISTI-CNR.
- OpTex: Curiosity-driven research project funded by ISTI-CNR. (started 12/2004, ended 12/2006)
Andrea Esuli has been *technical leader* of the project for ISTI-CNR.
- ClickWorld: industrial research project, Computer Science Department, University of Pisa, KSolutions SpA, Pisa. Theme: personalized proactive Web (started 1/2002, ended 12/2003)
- ECD: Project “Technologies and Services for Enhanced Content Delivery” funded by Italian Ministry of Education, Universities and Research “Fondo Speciale Innovazione 2000”. (started 1/2002, ended 12/2005)
Andrea Esuli took part to WP2.4 “Participatory Search Services” of “Action 2: Mine the Web”
- Vespucci II: Collaboration between the University of Pisa and the Accademia Navale di Livorno. (started 1/2002, ended 3/2002)
Andrea Esuli developed “Sail Studio”, a software for the simulation and real-time automatic analysis of sailing regattas.

8 Editorial boards

- Member of the editorial board (since 2016) *Information Processing & Management (IPM)*, Elsevier, ISSN 0306-4573.

9 Organization of scientific events

- Local Chair of **SIGIR 2016**, 39th International ACM SIGIR Conference on Research and Development in Information Retrieval, Pisa, Italy, July 17-21, 2016.
- Tutorial Chair of **SPIRE 2011**, 18th Symposium on String Processing and Information Retrieval, Pisa, Italy, October 17-21, 2011.

10 Program committees

- AAAI 2018, 32st AAAI Conference on Artificial Intelligence, New Orleans, USA, February 2-7, 2018.
- IIR 2018, 9th Italian Information Retrieval Workshop, Rome, Italy, May 28-30, 2018.
- AAAI 2017, 31st AAAI Conference on Artificial Intelligence, San Francisco, USA, February 4-9, 2017.
- SISAP 2017, 10th International Conference on Similarity Search and Applications, 4-6 October, Munich, Germany.
- IIR 2017, 8th Italian Information Retrieval Workshop, June 05-07, Lugano, Switzerland.
- CLiC-it 2017, 4a Conferenza Italiana di Linguistica Computazionale, December 11-13, Roma, Italy.
- IIR 2016, 7th Italian Information Retrieval Workshop, Venezia, Italy, May 30-31, 2016.
- MultiLingMine 2016, 1st International Workshop on Modeling, Learning and Mining for Cross/Multilinguality, Padova, Italy, March 20, 2016.
- SISAP 2016, 9th International Conference on Similarity Search and Applications, Tokyo, Japan, October 24-26, 2016.
- SAC 2016, 31st ACM/SIGAPP Symposium on Applied Computing, Pisa, Italy, April 4-8, 2016.
- CIKM 2015, 24th ACM International Conference on Information and Knowledge Management, Melbourne, Australia, Oct 19-23, 2015.
- SISAP 2015, 8th International Conference on Similarity Search and Applications, Glasgow, Scotland, UK, October, 12 - 14, 2015.
- MoKMaSD 2015 , 4th International Symposium on Modelling and Knowledge Management applications: Systems and Domains, York, UK, September 8 2015.
- IIR 2015, 6th Italian Information Retrieval Workshop, Cagliari, Italia, May 25-26, 2015.
- SAC 2015, 30th Symposium On Applied Computing, Salamanca, Spain, April 13-17, 2015.
- SIGIR 2014, 37th Annual International ACM SIGIR Conference on Research & Development on Information Retrieval, Gold Coast, Australia, July 6-11, 2014.
- SAC 2014, 29th Symposium On Applied Computing, Gyeongju, Korea, March 24-28, 2014.
- LREC 2014, 9th International Conference on Language Resources and Evaluation, Reykjavik, Iceland, May 26-31, 2014.
- MoKMaSD 2014 , 3rd International Symposium on Modelling and Knowledge Management applications: Systems and Domains, Grenoble, France, September 2, 2014.
- ESSEM 2013, Emotion and Sentiment in Social and Expressive Media, AI*IA 2013 Workshop, Torino, Italy, December 3, 2013.
- ACL 2013, 51st Annual Meeting of the Association for Computational Linguistics, Sofia, Bulgari, August 4-9, 2013.
- SIGIR 2013, 36th Annual International ACM SIGIR Conference on Research & Development on Information Retrieval, Dublin, Ireland, July 28- August 1, 2013.
- NAACL 2013, the 2013 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies , Atlanta, USA, June 09-15, 2013.
- EMNLP 2013, Conference on Empirical Methods in Natural Language Processing, Seattle, USA, October 18?21, 2013.

- IJCNLP 2013, 6th International Joint Conference on Natural Language Processing, Nagoya, Japan, October 14-18, 2013.
- SISAP 2013, 6th International Conference on Similarity Search and Applications, A Coruña, Spain, October 2-4, 2013.
- SAC 2013, 28th Symposium On Applied Computing, Coimbra, Portugal, March 18-22, 2013.
- ICISTM 2012, 6th International Conference on Information Systems, Technology and Management, Grenoble, France, March 28-30, 2012.
- CONTENT 2012, 4th International Conference on Creative Content Technologies, Nice, France, July 22-27, 2012.
- ACL-HTL 2011, 49th Annual Meeting of the Association for Computational Linguistics: Human Language Technologies, Portland, Oregon, USA, June 19-24, 2011.
- SPIRE 2010, 17th Symposium on String Processing and Information Retrieval, Los Cabos, Mexico, October 11-13, 2010.
- SIGIR 2010, 33rd Annual International ACM SIGIR Conference on Research & Development on Information Retrieval, Geneva, Switzerland, July 19-23, 2010.
- ACL 2010, 48th Annual Meeting of the Association for Computational Linguistics, Uppsala, Sweden, July 11-16, 2010.
- NAACL-HLT 2010, 11th Annual Conference of the North American Chapter of the Association for Computational Linguistics, Los Angeles, USA, June 1-6, 2010.
- NAACL 2010 CAAGET Workshop, workshop on Computational Approaches to Analysis and Generation of Emotion in Text, Los Angeles, USA, June 5, 2010.
- TextGraph-5 2010, 5th ACL workshop on Graph-based Methods for Natural Language Processing.
- SAC 2010, 25th ACM Symposium On Applied Computing, Crans-Montana, Switzerland, March 22-26, 2010.
- EMNLP 2009, Conference on Empirical Methods in Natural Language Processing, Singapore, August 6-7, 2009.
- ACL-IJCNLP 2009, “Sentiment Analysis, Opinion Mining and Text Classification” area, 47th Annual Meeting of the Association for Computational Linguistics and the 4th International Joint Conference on Natural Language Processing of the Asian Federation of Natural Language Processing, Singapore, August 2-7, 2009.
- CAW2.0 2009, Content Analysis 2.0 Workshop, co-located with the ACM WWW Conference, Madrid, Spain, April 21, 2009.
- SIGIR 2009, 32nd Annual International ACM SIGIR Conference on Research & Development on Information Retrieval, Boston, USA, July 19-23, 2009.
- ECIR 2008, 30th European Conference on Information Retrieval, Glasgow, Scotland, 30th March - 3rd April, 2008.
- SAC 2008, 23th ACM Symposium On Applied Computing, Cear, Brazil, March 16 - 20, 2008.
- SAC 2007, 22th ACM Symposium On Applied Computing, Seoul, Korea, March 11 - 15, 2007.
- SIGIR 2007 (Poster and Demo session), 30th Annual International ACM SIGIR Conference on Research & Development on Information Retrieval, Amsterdam, Netherlands, July 23-27 2007.
- COLING ACL 2006, Joint Conference of the International Committee on Computational Linguistics and the Association for Computational Linguistics, Sydney, Australia, July 17-21, 2006.

11 Project proposal reviewer

- Regular 2018 grant competition, Chilean National Science and Technology Commission (CONICYT - Chile).
- Swiss National Science Foundation
- *Ministero dello Sviluppo Economico*, progetti Fondo Crescita Sostenibile.
- *Grantová agentura České republiky* (Czech Science Foundation).
- *Agentschap voor Innovatie door Wetenschap en Technologie* (research and innovation funding agency of the Flemish government).

12 International journal paper reviewer

- *Information Processing & Management*, Elsevier, ISSN 0306-4573.
- *Online Social Networks and Media*, Elsevier, ISSN 2468-6964.
- *IEEE Transactions on Affective Computing*, ISSN 0162-8828.
- *Information Retrieval*, Springer, ISSN 1386-4564.
- *Information Systems*, Elsevier, ISSN 0306-4379.
- *Knowledge and Information Systems*, Springer, ISSN 0219-1377.
- *IEEE Computational Intelligence Magazine*, ISSN 1556-603X.
- *IEEE Intelligent Systems*, ISSN 1541-1672.
- *, Italian Journal of Computational Linguistics*, ISBN 978-88-99200-63-3
- *ACM Transactions on Information Systems*, ACM, ISSN 1046-8188.
- *International Journal on Semantic Web and Information Systems*, ISSN 1552-6283.
- *IEEE Transactions on Knowledge & Data Engineering*, ISSN 1041-4347.
- *Artificial Intelligence in Medicine*, Elsevier, ISSN 0933-3657.
- *ACM Transactions on the Web*, ACM, ISSN 1559-1131.
- *Transactions of the Association for Computational Linguistics*, ISSN 2307-387X.
- *The Computer Journal*, Oxford Journals, ISSN 0010-4620.
- *Journal of the American Society for Information Science and Technology*, Wiley, ISSN 1532-2890.
- *Literary and Linguistic Computing*, Oxford Journals, ISSN 0268-1145.
- *Neural Processing Letters* Springer, ISSN 1370-4621.
- *Synthesis Lectures on Human Language Technologies (book review)*, Morgan&Claypool, ISSN 1947-4040.
- *Journal of Information Science*, SAGE, ISSN 0165-5515.
- *Computer Standards & Interfaces*, Elsevier, ISSN 0920-5489.
- *Language Resources and Evaluation*, Springer, ISSN 1574-020X.
- *AI Communications*, IOS Press, ISSN 0921-7126.

13 Tutoring

- (2014-2017) Tiziano Fagni. *Computing frameworks and applications for text processing on big data*. Phd in Information Engineering, Università di Pisa.
- (2010-2014) Diego Marcheggiani. *Beyond linear chain: a journey through conditional random fields for information extraction from text*. Phd in Computer Science, Università di Venezia.
- (2010-2014) Giacomo Berardi. *Semi-Automated Text Classification*. Phd in Information Engineering, Università di Pisa.

14 Teaching

- ‘Text Analytics’ course(6 CFU), master degree in business informatics, University of Pisa.
- Module ‘Sentiment Analysis and Opinion Mining’ (2 CFU) in the post-graduate master on ‘Big Data Analytics & Social Mining’, 2017, University of Pisa.
- Module ‘Sentiment Analysis and Opinion Mining’ (2 CFU) in the post-graduate master on ‘Big Data Analytics & Social Mining’, 2016, University of Pisa.
- Module ‘Sentiment Analysis and Opinion Mining’ (2 CFU) in the post-graduate master on ‘Big Data Analytics & Social Mining’, 2015, University of Pisa.

Steering committees:

- Member of the steering committee of the postgraduate master in ‘Big Data Analytics & Social Mining’, University of Pisa.

15 Bibliometric indexes

Source	paper count	h-index	g-index	citation
Google Scholar ²	89	24	81	6600
Scopus ³	66	15	21	2952
ISI-WoS ⁴	34	9	13	258

Last updated on 16/2/2018.

16 Publications

International Journals

- Fabio Carrara, Andrea Esuli, Tiziano Fagni, Fabrizio Falchi, Alejandro Moreo Fernández
Picture it in your mind: generating high level visual representations from textual descriptions
Information Retrieval Journal, ISSN 1386-4564, DOI 10.1007/s10791-017-9318-6
- Alessio Ferrari, Felice Dell’Orletta, Andrea Esuli, Vincenzo Gervasi, Stefania Gnesi
Natural Language Requirements Processing: A 4D Vision
IEEE Software 34(6): 28-35, June 2017, ISSN 0740-7459, DOI 10.1109/MS.2017.4121207
- Maure Coletto, Andrea Esuli, Claudio Lucchese, Cristina Ioana Muntean, Franco Maria Nardini, Raffaele Perego, Chiara Renso
Perception of social phenomena through the multidimensional analysis of online social networks
Online Social Networks and Media 1, 14-32, June 2017, ISSN 2468-6964, DOI 10.1016/j.osnem.2017.03.001

²<https://scholar.google.it/citations?user=2f9Zj68AAAAJ>

³<https://www.scopus.com/authid/detail.uri?authorId=15044356100>

⁴<http://www.researcherid.com/rid/B-6343-2015>

- Alejandro Moreo Fernández, Andrea Esuli and Fabrizio Sebastiani
Lightweight Random Indexing for Polylingual Text Classification
Journal of Artificial Intelligence Research, volume 57, pages 151-185, ISSN 1076-9757,
DOI 10.1613/jair.5194, SCOPUS ID 2-s2.0-84995582086, ISI WoS 000392624200004
- Alejandro Moreo Fernández, Andrea Esuli, Fabrizio Sebastiani
Distributional Correspondence Indexing for Cross-Lingual and Cross-Domain Sentiment Classification
Journal of Artificial Intelligence Research, volume 55, pages 131-163, ISSN 1076-9757,
DOI 10.1613/jair.4762, SCOPUS ID 2-s2.0-84958175298, ISI WoS 000370578400001
- Giacomo Berardi, Andrea Esuli, Fabrizio Sebastiani
Utility-Theoretic Ranking for Semiautomated Text Classification
ACM Transactions on Knowledge Discovery from Data, Volume 10 Issue 1, June 2015
Article No. 6, ISSN 1556-4681, DOI 10.1145/2742548,
SCOPUS ID 2-s2.0-84938385374, ISI WoS 000358782000006
- Andrea Esuli, Fabrizio Sebastiani
Optimizing Text Quantifiers for Multivariate Loss Functions
ACM Transactions on Knowledge Discovery from Data, Volume 9 Issue 4, June 2015
Article No. 27, ISSN 1556-4681, DOI 10.1145/2700406,
SCOPUS ID 2-s2.0-84930792020, ISI WoS 000355675000002
- Giuseppe Amato, Andrea Esuli, and Fabrizio Falchi
A Comparison of Pivot Selection Techniques for Permutation-Based Indexing
Information Systems, volume 52, pages 176-188, ISSN 0306-4379,
DOI 10.1016/j.is.2015.01.010, SCOPUS ID 2-s2.0-84930083486, ISI WoS 000356983400012
- Stefano Baccianella, Andrea Esuli, and Fabrizio Sebastiani
Feature Selection for Ordinal Text Classification
Neural Computation, 26(3), 2014, pages 557-591, The MIT Press, ISSN 0899-7667, DOI
10.1162/NECO_a.00558, SCOPUS ID 2-s2.0-84893438758, ISI WoS 000331268400005,
PUBMED ID 24320850
- Giacomo Berardi, Andrea Esuli and Fabrizio Sebastiani
Optimising human inspection work in automated verbatim coding
International Journal of Market Research 56 (4), 489-512, ISSN 1470-7853, DOI 10.2501/IJMR-
2014-032, SCOPUS ID 2-s2.0-84905253449, ISI WoS 000344205300006
- Andrea Esuli and Fabrizio Sebastiani
Improving Text Classification Accuracy by Training Label Cleaning
ACM Transactions on Information Systems, ACM Press, 31(4), 2013, 28 pages, ISSN
1046-8188, DOI 10.1145/2516889, SCOPUS ID 2-s2.0-84890369394, ISI WoS 000329123900003
- Giacomo Berardi, Andrea Esuli, Fabrizio Sebastiani, and Fabrizio Silvestri
Endorsements and Rebuttals in Blog Distillation
Information Sciences, Elsevier, 249, pages 38-47, 2013, ISSN 0020-0255, DOI 10.1016/j.ins.2013.05.037,
SCOPUS ID 2-s2.0-84883179516, ISI WoS 000324662700004
- Stefano Baccianella, Andrea Esuli, and Fabrizio Sebastiani
StarTrack: The Next Generation (of Product Review Management Tools)
New Generation Computing, Volume 31, Issue 1, January 2013, pages 47-70, ISSN 0288-
3635, DOI 10.1007/s00354-012-0122-y, SCOPUS ID 2-s2.0-84873392354, ISI WoS
000314410000003
- Andrea Esuli, Diego Marcheggiani, and Fabrizio Sebastiani
An Enhanced CRFs-based System for Information Extraction from Radiology Reports
Journal of Biomedical Informatics, 46(3), pages 425-435, 2013, ISSN 1532-0464, El-
sevier, DOI 10.1016/j.jbi.2013.01.006, SCOPUS ID 2-s2.0-84878166593, ISI WoS
000319719500005, PUBMED ID 23410888

- Stefano Baccianella, Andrea Esuli and Fabrizio Sebastiani
Using Micro-Documents for Feature Selection: The Case of Ordinal Text Classification
Expert Systems and Applications, 40(11), pages 4687-4696, 2013, ISSN 0957-4174, Elsevier, DOI 10.1016/j.eswa.2013.02.010, SCOPUS ID 2-s2.0-84876036807 ISI WoS 000318052300040
- Stefano Baccianella, Andrea Esuli and Fabrizio Sebastiani
Variable-Constraint Classification and Quantification of Radiology Reports under the ACR Index
Expert Systems and Applications, 40(9), pages 3441-3449, 2013, ISSN 0957-4174, Elsevier, DOI 10.1016/j.eswa.2012.12.052, SCOPUS ID 2-s2.0-84874662693, ISI WoS 000316581300012
- Andrea Esuli
Use of permutation prefixes for efficient and scalable approximate similarity search
Information Processing & Management, Volume 48, Issue 5, September 2012, pages 889-902, ISSN 0306-4573, DOI 10.1016/j.ipm.2010.11.011, SCOPUS ID 2-s2.0-84864280027, ISI WoS 000307682100007
- Andrea Esuli and Fabrizio Sebastiani
Machines that Learn how to Code Open-Ended Survey Data
International Journal of Market Research, 52(6), 2010, pages 775-800, ISSN 1470-7853, DOI 10.2501/S147078531020165X, SCOPUS ID 2-s2.0-84857823827 ISI WoS 000285274500006
- Andrea Esuli, Fabrizio Sebastiani, A Abbasi
Al and Opinion Mining, Part 2
Invited contribution to **IEEE Intelligent Systems**, 25(4), 2010, pages 72-75, IEEE Computer Society, Los Alamitos, CA, USA, ISSN 1541-1672, DOI 10.1109/MIS.2010.94, SCOPUS ID 2-s2.0-78349231707, ISI WoS 000281251100013
Riferimento: email inviata ad Andrea Esuli dall'editor Hsinchun Chen, il 26/10/2009.
- Andrea Esuli, Tiziano Fagni and Fabrizio Sebastiani
Boosting multi-label hierarchical text categorization
Information Retrieval, 11(4), 2008, pages 287-313, Springer Netherlands, ISSN 1386-4564, DOI 10.1007/s10791-008-9047-y, SCOPUS ID 2-s2.0-43949121902, ISI WoS 000256009500003

Book chapters

- Andrea Esuli and Fabrizio Sebastiani
Enhancing Opinion Extraction by Automatically Annotated Lexical Resources (Extended Version)
Lecture Notes in Computer Science n. 6562, In Zygmunt Vetulani (ed.), Human Language Technology. Challenges for Computer Science and Linguistics, Revised selected papers from the 4th Language Technology Conference, Springer Verlag, Heidelberg, DE, 2011, pages 500-511, ISBN 978-3-642-20094-6, DOI 10.1007/978-3-642-20095-3_46, SCOPUS ID 2-s2.0-79953214406
- Shlomo Argamon, Kenneth Bloom, Andrea Esuli and Fabrizio Sebastiani
Automatically Determining Attitude Type and Force for Sentiment Analysis
Lecture Notes in Artificial Intelligence, n. 5603, "Human Language Technology. Challenges of the Information Society", Springer Berlin/Heidelberg, DE, 2009, pages 218-231, ISBN 978-3-642-04234-8, DOI 10.1007/978-3-642-04235-5_19, SCOPUS ID 2-s2.0-70349320314, ISI WoS 000270337100019

International conferences

- Alejandro Moreo Fernández, Andrea Esuli, Fabrizio Sebastiani
Distributional Random Oversampling for Imbalanced Text Classification
Proceedings of the 39th International ACM SIGIR conference on Research and Development in Information Retrieval, SIGIR 2016, Pisa, Italy, July 17-21, 2016. ACM, New York, NY, USA, pages 805-808, ISBN 978-1-4503-4069-4, DOI 10.1145/2911451.2914722, SCOPUS ID 2-s2.0-84980410173

- Mauro Coletto, Andrea Esuli, Claudio Lucchese, Cristina Ioana Muntean, Franco Maria Nardini, Raffaele Perego, and Chiara Renso
Sentiment-enhanced multidimensional analysis of online social networks: Perception of the mediterranean refugees crisis
 Proceedings of the 8th IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM) San Francisco, CA, USA, August 18-21, 2016.
IEEE Computer Society, Los Alamitos, CA, USA, pages 1270-1277, ISBN 978-1-5090-2846-7, DOI 10.1109/ASONAM.2016.7752401, SCOPUS ID 2-s2.0-85006757636, ISI WoS 000390760100196
- Salud M Jiménez Zafra, Giacomo Berardi, Andrea Esuli, Diego Marcheggiani, María Teresa Martín-Valdivia, Alejandro Moreo Fernández
A Multi-lingual Annotated Dataset for Aspect-Oriented Opinion Mining
 Proceedings of the 2015 Conference on Empirical Methods in Natural Language Processing, EMNLP 2015, Lisbon, Portugal, 2015.
The Association for Computational Linguistics, East Stroudsburg, PA, USA, pages 2533-2538, ISBN 978-1-941643-32-7, SCOPUS ID 2-s2.0-84959928201
- Giacomo Berardi, Andrea Esuli, Craig Macdonald, Iadh Ounis, Fabrizio Sebastiani
Semi-Automated Text Classification for Sensitivity Identification
 Proceedings of the 24th ACM international conference on Information and knowledge management, CIKM 2015, Melbourne, Australia, October 19-23, 2015.
ACM, New York, NY, USA, pages 1711-1714, ISBN 978-1-4503-3794-6, DOI 10.1145/2806416.2806597, SCOPUS ID 2-s2.0-84959291529
- Andrea Esuli, Alejandro Moreo Fernández
Distributional Correspondence Indexing for Cross-Language Text Categorization
 Proceedings of the European Conference on Information Retrieval, ECIR 2015, Vienna, Austria, 2015.
Lecture Notes in Computer Science 9022, pages 104-109, Springer Verlag, Heidelberg, DE, ISBN 978-3-319-16353-6, DOI 10.1007/978-3-319-16354-3_12, SCOPUS ID 2-s2.0-84925398252
- Giacomo Berardi, Andrea Esuli, Tiziano Fagni, Fabrizio Sebastiani
Classifying websites by industry sector: a study in feature design
 Proceedings of the 30th Annual ACM Symposium on Applied Computing.
ACM, New York, NY, USA, pages 1053-1059, ISBN 978-1-4503-3196-8, DOI 10.1145/2695664.2695722, SCOPUS ID 2-s2.0-84955451907, ISI WoS 000381029800165
- Giacomo Berardi, Andrea Esuli, Tiziano Fagni, Fabrizio Sebastiani
Multi-store metadata-based supervised mobile app classification
 Proceedings of the 30th Annual ACM Symposium on Applied Computing.
ACM, New York, NY, USA, pages 585-588, ISBN 978-1-4503-3196-8, DOI 10.1145/2695664.2695997, SCOPUS ID 2-s2.0-84955497592, ISI WoS 000381029800090
- Giacomo Berardi, Diego Ceccarelli, Andrea Esuli, Diego Marcheggiani
On the impact of entity linking in microblog real-time filtering
 Proceedings of the 30th Annual ACM Symposium on Applied Computing.
ACM, New York, NY, USA, pages 1066-1071, ISBN 978-1-4503-3196-8, DOI 10.1145/2695664.2695761, SCOPUS ID 2-s2.0-84955445299, ISI WoS 000381029800167
- Andrea Esuli, Diego Marcheggiani, Fabrizio Sebastiani, and Oscar Tackstrom
Hierarchical Multi-label Conditional Random Fields for Aspect-Oriented Opinion Mining
 Proceedings of the European Conference on Information Retrieval, ECIR 2014, Amsterdam, NL, 2014.
Lecture Notes in Computer Science 8416, pages 273-285, Springer Verlag, Heidelberg, DE, ISBN 978-3-319-06027-9, DOI 10.1007/978-3-319-06028-6_23, SCOPUS ID 2-s2.0-84899958907
- Giuseppe Amato, Andrea Esuli, and Fabrizio Falchi
Pivot Selection Strategies for Permutation-Based Similarity Search
 Proceeding of the 6th International Conference on Similarity Search and Applications, SISAP

2013, A Coruña, SP, 2013.

Lecture Notes in Computer Science 8199, pages 91-102, Springer Verlag, Heidelberg, DE, ISBN 978-3-642-41061-1, DOI 10.1007/978-3-642-41062-8_10, SCOPUS ID 2-s2.0-84886413518, ISI WoS 000338111900010

- Giacomo Berardi, Andrea Esuli, Sergiu Gordea, Diego Marcheggiani, and Fabrizio Sebastiani
Metadata Enrichment Services for the Europeana Digital Library
Proceedings of the 15th International Conference on the Theory and Practice of Digital Libraries, TPDFL 2012, Paphos, CY, 2012.
Lecture Notes in Computer Science 7489, pages 508-511, Springer Verlag, Heidelberg, DE, ISBN 978-3-642-33289-0, DOI 10.1007/978-3-642-33290-6_61, 2-s2.0-84867677432
- Giacomo Berardi, Andrea Esuli, and Fabrizio Sebastiani
A Utility-Theoretic Ranking Method for Semi-Automated Text Classification
Proceedings of the 35th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval, SIGIR 2012, Portland, US, 2012.
ACM, New York, NY, USA, pages 961-970, ISBN 978-1-4503-1472-5, SCOPUS ID 2-s2.0-84866594882, DOI 10.1145/2348283.2348411
- Giacomo Berardi, Andrea Esuli, Fabrizio Sebastiani and Fabrizio Silvestri
Blog Distillation via Sentiment-Sensitive Link Analysis
Proceedings of the 17th International Conference on Applications of Natural Language to Data Bases, NLDB 2012, Groningen, NL, 2012.
Lecture Notes in Computer Science 7337, pages 228-233, Springer Verlag, Heidelberg, DE, ISBN 978-3-642-31177-2, DOI 10.1007/978-3-642-31178-9_26, SCOPUS ID 2-s2.0-84864003944
- Giacomo Berardi, Andrea Esuli, Diego Marcheggiani
ISTI at TREC Microblog Track 2012: Real-Time Filtering Through Supervised Learning
Proceedings of The Twentyfirst Text REtrieval Conference, TREC 2012.
National Institute of Standards and Technology (NIST), Special Publication 500-298, Gaithersburg, US, 2012.
- Giacomo Berardi, Andrea Esuli, Diego Marcheggiani, and Fabrizio Sebastiani
ISTI@TREC Microblog Track 2011: Exploring the Use of Hashtag Segmentation and Text Quality Ranking
Proceedings of The Twentieth Text REtrieval Conference, TREC 2011.
National Institute of Standards and Technology (NIST), Special Publication 500-295, Gaithersburg, US, 2011
SCOPUS ID 2-s2.0-84873563997
- Andrea Esuli and Fabrizio Sebastiani
Evaluating information extraction
Proceedings of the Conference on Multilingual and Multimodal Information Access Evaluation, CLEF 2010, Padova, IT, 2010.
Lecture Notes in Computer Science 6360, pages 100-111, Springer Verlag, Heidelberg, DE, ISBN 978-3-642-15997-8, DOI 10.1007/978-3-642-15998-5_12, SCOPUS ID 2-s2.0-78049384057, ISI WoS 000286869100012
- Stefano Baccianella, Andrea Esuli and Fabrizio Sebastiani
Feature Selection for Ordinal Regression
Proceedings of the 25th Symposium On Applied Computing, Crans-Montana, Switzerland, 2010.
ACM, New York, NY, USA, pages 1750-1756, ISBN 978-364204416-8, DOI 10.1145/1774088.1774461, SCOPUS ID 2-s2.0-77954697242
- Stefano Baccianella, Andrea Esuli and Fabrizio Sebastiani
SentiWordNet 3.0: An Enhanced Lexical Resource for Sentiment Analysis and Opinion Mining
Proceedings of the 7th Conference on Language Resources and Evaluation, LREC 2010, Valletta, MT, 2010.

European Language Resources Association (ELRA), Paris, FR, ISBN 978-2-9517408-6-0, **ISI WoS 000356879504015**

- Stefano Baccianella, Andrea Esuli and Fabrizio Sebastiani
Evaluation Measures for Ordinal Regression
Proceedings of the 9th IEEE International Conference on Intelligent Systems Design and Applications, ISDA 2009, Pisa, IT, 2009.
IEEE Computer Society, Los Alamitos, CA, USA, pages 283-287, ISBN 978-076953872-3, DOI 10.1109/ISDA.2009.230, SCOPUS ID 2-s2.0-77949512941, **ISI WoS 000288405800049**
- Andrea Esuli
MiPai: Using the PP-Index to Build an Efficient and Scalable Similarity Search System
Proceedings of the 2nd International Symposium on Similarity Search and Applications, SISAP 2009, Prague, Czech Republic, August 29-30, 2009.
IEEE Computer Society, Los Alamitos, CA, USA, pages 146-148, ISBN 978-0-7695-3765-8, DOI 10.1109/SISAP.2009.14, SCOPUS ID 2-s2.0-70450032517, **ISI WoS 000282087600018**
- Andrea Esuli and Fabrizio Sebastiani
Enhancing Opinion Extraction by Automatically Annotated Lexical Resources
Proceedings of the 4th Language & Technology Conference, LTC 2009, Poznan, PL, November 6-8, 2009.
Wydawnictwo Poznanskie Sp. z o. o., Poznan, PL, pages 224-228, ISBN 978-83-7177-746-2.
- Stefano Baccianella, Andrea Esuli and Fabrizio Sebastiani
Multi-facet Rating of Product Reviews
Advances in Information Retrieval, Proceedings of the 31th European Conference on IR Research, ECIR 2009, Toulouse, France, April 6-9, 2009.
Lecture Notes in Computer Science, n. 5478, Springer Verlag, pages 461-472, ISBN 978-3-642-00957-0, DOI 10.1007/978-3-642-00958-7_41, SCOPUS ID 2-s2.0-67650696894, **ISI WoS 000265680800038**
- Andrea Esuli and Fabrizio Sebastiani
Encoding Ordinal Features into Binary Features for Text Classification
Advances in Information Retrieval, Proceedings of the 31th European Conference on IR Research, ECIR 2009, Toulouse, France, April 6-9, 2009.
Lecture Notes in Computer Science, n. 5478, Springer Verlag, pages 771-775, ISBN 978-3-642-00957-0, DOI 10.1007/978-3-642-00958-7_83, SCOPUS ID 2-s2.0-67650700765, **ISI WoS 000265680800080**
- Andrea Esuli and Fabrizio Sebastiani
Active Learning Strategies for Multi-Label Text Classification
Advances in Information Retrieval, Proceedings of the 31th European Conference on IR Research, ECIR 2009, Toulouse, France, April 6-9, 2009.
Lecture Notes in Computer Science, n. 5478, Springer Verlag, pages 102-113, ISBN 978-3-642-00957-0, DOI 10.1007/978-3-642-00958-7_12, SCOPUS ID 2-s2.0-67650703463, **ISI WoS 000265680800009**
- Andrea Esuli and Fabrizio Sebastiani
Training Data Cleaning for Text Classification
Advances in Information Retrieval Theory, Proceedings of the Second International Conference on the Theory of Information Retrieval, ICTIR 2009, Cambridge, UK, September 10-12, 2009.
Lecture Notes in Computer Science, n. 5766, Springer Verlag, pages 29-41, ISBN 978-3-642-04416-8, DOI 10.1007/978-3-642-04417-5_4, SCOPUS ID 2-s2.0-70350614398, **ISI WoS 000271806000003**
- Andrea Esuli, Fabrizio Sebastiani and Ilaria Clara Urciuoli
Annotating Expressions of Opinion and Emotion in the Italian Content Annotation Bank
Proceedings of the Sixth International Language Resources and Evaluation, LREC 2008, Marrakech, Morocco, May 28-30, 2008.
European Language Resources Association (ELRA), Paris, FR, ISBN 2-9517408-4-0, **ISI WoS 000324028902055**

- Andrea Esuli and Fabrizio Sebastiani
PageRanking WordNet Synsets: An Application to Opinion Mining
 Proceedings of the 45th Annual Meeting of the Association for Computational Linguistics, ACL 2007, Prague, Czech Republic, June 23-30, 2007.
The Association for Computational Linguistics, East Stroudsburg, PA, USA, pages 424-431, ISBN 978-1-932432-86-2, **SCOPUS ID 2-s2.0-84860502106**
- Shlomo Argamon, Kenneth Bloom, Andrea Esuli and Fabrizio Sebastiani
Automatically Determining Attitude Type and Force for Sentiment Analysis
 Proceedings of the 3rd Language & Technology Conference, LTC 2007, Poznan, PL, October 5-7, 2007.
Wydawnictwo Poznanskie Sp. z o. o., Poznan, PL, pages 369-373, ISBN 978-83-7177-407-2, **ISI WoS 000270337100019**
- Andrea Esuli and Fabrizio Sebastiani
Random-Walk Models of Term Semantics: An Application to Opinion-Related Properties
 Proceedings of the 3rd Language & Technology Conference, LTC 2007, Poznan, PL, October 5-7, 2007.
Wydawnictwo Poznanskie Sp. z o. o., Poznan, PL, pages 221-225, ISBN 978-83-7177-407-2.
- Andrea Esuli, Tiziano Fagni and Fabrizio Sebastiani
MP-Boost: A Multiple-Pivot Boosting Algorithm and Its Application to Text Categorization
 Proceeding of the 13th International Conference on String Processing and Information Retrieval, SPIRE 2006, Glasgow, UK, October 11-13, 2006.
Lecture Notes in Computer Science, n. 4209, Springer Berlin/Heidelberg, DE, pages 1-12, ISBN 978-3-540-45774-9, **DOI 10.1007/11880561_1**,
SCOPUS ID 2-s2.0-33750291885, **ISI WoS 000241594700001**
- Andrea Esuli, Tiziano Fagni and Fabrizio Sebastiani
TreeBoost.MH: A Boosting Algorithm for Multi-label Hierarchical Text Categorization
 Proceeding of the 13th International Conference on String Processing and Information Retrieval, SPIRE 2006, Glasgow, UK, October 11-13, 2006.
Lecture Notes in Computer Science, n. 4209, Springer Berlin/Heidelberg, DE, pages 13-24, ISBN 978-3-540-45774-9, **DOI 10.1007/11880561_2**,
SCOPUS ID 2-s2.0-33750303526, **ISI WoS 000241594700002**
- Andrea Esuli and Fabrizio Sebastiani
Determining Term Subjectivity and Term Orientation for Opinion Mining
 Proceedings of 11st Conference of the European Chapter of the Association for Computational Linguistics, Proceedings of the Conference, EACL 2006, Trento, Italy, April 3-7, 2006.
The Association for Computational Linguistics, East Stroudsburg, PA, USA, pages 193-200, ISBN 1-932432-59-0, **SCOPUS ID 2-s2.0-84893427183**
- Andrea Esuli and Fabrizio Sebastiani
SentiWordNet: A Publicly Available Lexical Resource for Opinion Mining
 Proceedings of the 5th Conference on Language Resources and Evaluation, LREC 2006, Genova, IT, 24-26 May, 2006.
European Language Resources Association (ELRA), Paris, FR, pages 417-422, ISBN 2-9517408-2-4.
- Andrea Esuli and Fabrizio Sebastiani
Determining the semantic orientation of terms through gloss classification
 Proceedings of the 14th ACM international conference on Information and knowledge management, CIKM 2005, Bremen, Germany, October 31 - November 5, 2005.
ACM, New York, NY, USA, pages 617-624, ISBN 1-59593-140-6,
DOI 10.1145/1099554.1099713, **SCOPUS ID 2-s2.0-33646872279**
- Giuseppe Attardi, Andrea Esuli and Patel Chirag
Using Clustering and Blade Clusters in the TeraByte task
 Proceedings of the Thirteenth Text REtrieval Conference, TREC 2004, November 16-19, 2004.

National Institute of Standards and Technology (NIST), Special Publication 500-261, Gaithersburg, US.

- Giuseppe Attardi, Andrea Esuli, Lucian Hancu and Maria Simi
Participatory Search
Proceedings of the IADIS International Conference WWW/Internet 2004, Madrid, Spain, October 6-8, 2004.
IADIS, Lisboa, PT , pages 643-650, ISBN 972-99353-0-0.
- Giuseppe Attardi, Andrea Esuli and Maria Simi
Best bets: thousands of queries in search of a client
Proceedings of the 13th international conference on World Wide Web - Alternate Track Papers & Posters, WWW 2004, New York, NY, USA, May 17-20, 2004.
ACM, New York, NY, USA, pages 422-423, ISBN 1-58113-912-8,
DOI 10.1145/1013367.1013506, **SCOPUS ID 2-s2.0-19944389281**
- Andrea Esuli, Antonio Cisternino, Giuliano Pacini, and Maria Simi
Multimodal presentation of dynamic object scenarios on the web
Proceeding of the Eighth International Conference on 3D Web Technology, Web3D 2003, Saint Malo, France, March 9-12, 2003
ACM, New York, NY, USA, pages 147-153, ISBN 1-58113-644-7,
DOI 10.1145/636593.636615, **SCOPUS ID 2-s2.0-84878277884**
- Andrea Esuli, Antonio Cisternino, Giuliano Pacini and Maria Simi
Adaptive Real Time Comment Generation for Sail Racing Scenarios
Adaptive Hypermedia and Adaptive Web-Based Systems, Second International Conference, AH 2002, Malaga, Spain, May 29-31, 2002.
Lecture Notes in Computer Science, n. 2347, Springer Berlin/Heidelberg, DE, pages 392-396, ISBN 978-3-540-43737-6, **DOI 10.1007/3-540-47952-X_45**, **SCOPUS ID 2-s2.0-33646211225**

International workshops

- Andrea Esuli
ISTI-CNR at SemEval-2016 Task 4: Quantification on an Ordinal Scale
Proceedings of the 10th International Workshop on Semantic Evaluation, SemEval@NAACL-HLT 2016, San Diego, CA, USA, June 16-17, 2016.
The Association for Computational Linguistics, East Stroudsburg, PA, USA, pages 92-95, ISBN 978-1-941643-95-2.
- Fabio Carrara, Andrea Esuli, Tiziano Fagni, Fabrizio Falchi, Alejandro Moreo Fernández
Picture It In Your Mind: Generating High Level Visual Representations From Textual Descriptions
The SIGIR 2016 Workshop on Neural Information Retrieval, Pisa, Italy, July 21, 2016.
- Andrea Esuli, Fabrizio Sebastiani
Explicit loss minimization in quantification applications
8th International Workshop on Information Filtering and Retrieval, DART 2014, Pisa, Italy, December 2014.
CEUR-WS, Vol-1314, pages 1-11, ISSN 1613-0073, **SCOPUS ID 2-s2.0-84919625165**
- Andrea Esuli, Diego Marcheggiani and Fabrizio Sebastiani
ISTI@SemEval-2 Task #8: Boosting-Based Multiway Relation Classification
Proceedings of the 5th International Workshop on Semantic Evaluation (SEMEVAL-10), Uppsala, SE, 2010.
The Association for Computational Linguistics, East Stroudsburg, PA, USA, pages 218-221, ISBN 978-1-932432-70-1.
- Paolo Bolettieri, Andrea Esuli, Fabrizio Falchi, Claudio Lucchese, Raffaele Perego, Fausto Rabitti
Enabling Content-Based Image Retrieval in Very Large Digital Libraries
Second Workshop on Very Large Digital Libraries, VLDL 2009, Corfu, Greece, October 2,

2009.

DELLOS: an Association for Digital Libraries, Pisa, Italy, pages 43-50, ISBN 978-888850685-2.

- Andrea Esuli
PP-Index: Using Permutation Prefixes for Efficient and Scalable Approximate Similarity Search
Proceedings of the 7th Workshop on Large-Scale Distributed Systems for Information Retrieval co-located with ACM SIGIR 2009, LSDS-IR 2009, Boston, USA, July 23, 2009.
CEUR-WS, Vol-480, pages 17-24, ISSN 1613-0073, **SCOPUS ID 2-s2.0-84887222580**

National workshops

- Alejandro Moreo Fernández, Andrea Esuli, Fabrizio Sebastiani
Transductive Distributional Correspondence Indexing for Cross-Domain Topic Classification
Proceedings of the 7nd Italian Information Retrieval Workshop (IIR-16), Venice, IT, 2016.
CEUR-WS, Vol-1653, ISSN 1613-0073.
- Giacomo Berardi, Andrea Esuli, Diego Marcheggiani
Word Embeddings Go to Italy: a Comparison of Models and Training Datasets
Proceedings of the 6nd Italian Information Retrieval Workshop (IIR-15), Cagliari, IT, 2015.
CEUR-WS, Vol-1404, ISSN 1613-0073, **SCOPUS ID 2-s2.0-84938501506**
- Andrea Esuli, Tiziano Fagni
ProcessFast, a Java Framework for Development of Concurrent and Distributed Applications
Proceedings of the 6nd Italian Information Retrieval Workshop (IIR-15), Cagliari, IT, 2015.
CEUR-WS, Vol-1404, ISSN 1613-0073, **SCOPUS ID 2-s2.0-84938488975**
- Giacomo Berardi, Andrea Esuli, Fabrizio Sebastiani and Fabrizio Silvestri
Blog Distillation via Sentiment-Sensitive Link Analysis
Proceedings of the 2nd Italian Information Retrieval Workshop (IIR-11), Milano, IT, 2011.
CEUR-WS, Vol-704, pages 24-35, ISSN 1613-0073, **SCOPUS ID 2-s2.0-84890715675**
- Stefano Baccianella, Andrea Esuli and Fabrizio Sebastiani
Using Micro-Documents for Feature Selection: The Case of Ordinal Text Classification
Proceedings of the 2nd Italian Information Retrieval Workshop (IIR-11), Milano, IT, 2011.
CEUR-WS, Vol-704, pages 16-19, ISSN 1613-0073, **SCOPUS ID 2-s2.0-84890660565**
- Andrea Esuli
PP-Index: Using Permutation Prefixes for Efficient and Scalable Similarity Search
Proceedings of the Eighteenth Italian Symposium on Advanced Database Systems (SEBD 2010), Rimini, IT, 2010.
Esculapio Editore, Bologna, Italy, pages 318-325, ISBN 978-88-7488-369-1, **SCOPUS ID 2-s2.0-83255193954**
- Andrea Esuli, Diego Marcheggiani, Fabrizio Sebastiani
Sentence-Based Active Learning Strategies for Information Extraction
Proceedings of the First Italian Information Retrieval Workshop, Padova, IT, January 27-28, 2010.
CEUR-WS, Vol-560, pages 41-45, ISSN 1613-0073, **SCOPUS ID 2-s2.0-84888269328**
- Stefano Baccianella, Andrea Esuli, Fabrizio Sebastiani
Selecting Features for Ordinal Text Classification
Proceedings of the First Italian Information Retrieval Workshop, Padova, IT, January 27-28, 2010.
CEUR-WS, Vol-560, pages 13-14, ISSN 1613-0073, **SCOPUS ID 2-s2.0-84867559381**

Project reports

- Paolo Bolettieri, Andrea Esuli, Fabrizio Falchi, Claudio Lucchese, Raffaele Perego, Tommaso Piccioli, Fausto Rabitti
CoPhIR: a Test Collection for Content-Based Image Retrieval
CoRR (Computing Research Repository), abs/0905.4627, arXiv, Cornell University Library, 15 pages, 2009.

Books

- Andrea Esuli
Automatic Generation of Lexical resource for Opinion Mining
VDM Verlag, Saarbrücken, Germany, ISBN 978-3-8364-7333-0.

Magazines and other publications

- Alejandro Moreo Fernandez, Andrea Esuli, and Fabrizio Sebastiani
Lightweight Random Indexing for Polylingual Text Classification
ERCIM news, 110 - Research and Innovation, 2017, pages 41, ISSN 0926-4981.
- Andrea Esuli, and Fabrizio Sebastiani
Optimizing text Quantifiers for Multivariate Loss functions
ERCIM news, 100 - Research and Innovation, 2015, pages 49, ISSN 0926-4981.
- Giacomo Berardi, Andrea Esuli, and Fabrizio Sebastiani
Utility-Theoretic Ranking for Semi-Automated Text Classification
ERCIM news, 92 - Research and Innovation, 2013, pages 52-53, ISSN 0926-4981.
- Andrea Esuli, Diego Marcheggiani and Fabrizio Sebastiani
Extracting Information from Free-text Mammography Reports
ERCIM News, 82 - R&D and Technology Transfer, 2012, pages 80-81, ISSN 0926-4981.
- Stefano Baccianella, Andrea Esuli and Fabrizio Sebastiani
Multi-Faceted Rating of Product Reviews
ERCIM News, 77 - Future Internet Technology, 2009, pages 60-61, ISSN 0926-4981.
- Andrea Esuli
Automatic generation of lexical resources for opinion mining: models, algorithms and applications
SIGIR Forum, 42(2), 2008.
ACM, New York, NY, USA, pages 105-106, ISSN 0163-5840,
DOI 10.1145/1480506.1480528

PhD Thesis

- Andrea Esuli
Automatic Generation of Lexical Resources for Opinion Mining: Models, Algorithms and Applications
PhD Thesis (Information Engineering), PhD School “Leonardo da Vinci”, 2008.
Università di Pisa, URN etd.adm.unipi.it/t/etd-04042008-163914/.