

Anna Esposito

List of Publications by Year in descending order

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Version: 2024-02-01

209
papers

2,181
citations

430874

18
h-index

395702

33
g-index

246
all docs

246
docs citations

246
times ranked

1427
citing authors

| # | ARTICLE | IF | CITATIONS |
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| 1 | Discrimination of Earthquakes and Underwater Explosions Using Neural Networks. Bulletin of the Seismological Society of America, 2003, 93, 215-223. | 2.3 | 95 |
| 2 | Open Challenges in Modelling, Analysis and Synthesis of Human Behaviour in Humanâ€“Human and Humanâ€“Machine Interactions. Cognitive Computation, 2015, 7, 397-413. | 5.2 | 72 |
| 3 | Needs and challenges in human computer interaction for processing social emotional information. Pattern Recognition Letters, 2015, 66, 41-51. | 4.2 | 70 |
| 4 | EMOTHAW: A Novel Database for Emotional State Recognition From Handwriting and Drawing. IEEE Transactions on Human-Machine Systems, 2017, 47, 273-284. | 3.5 | 69 |
| 5 | Acoustical and perceptual study of gemination in Italian stops. Journal of the Acoustical Society of America, 1999, 106, 2051-2062. | 1.1 | 65 |
| 6 | Approximation of continuous and discontinuous mappings by a growing neural RBF-based algorithm. Neural Networks, 2000, 13, 651-665. | 5.9 | 65 |
| 7 | Speech-driven facial animation with realistic dynamics. IEEE Transactions on Multimedia, 2005, 7, 33-42. | 7.2 | 52 |
| 8 | Biometric Applications Related to Human Beings: There Is Life beyond Security. Cognitive Computation, 2013, 5, 136-151. | 5.2 | 52 |
| 9 | A new text-independent method for phoneme segmentation. , 0, , . | | 47 |
| 10 | Audio/visual mapping with cross-modal hidden Markov models. IEEE Transactions on Multimedia, 2005, 7, 243-252. | 7.2 | 46 |
| 11 | The Perceptual and Cognitive Role of Visual and Auditory Channels in Conveying Emotional Information. Cognitive Computation, 2009, 1, 268-278. | 5.2 | 43 |
| 12 | Introduction to the Special Issue â€œBeyond Industrial Robotics: Social Robots Entering Public and Domestic Spheresâ€• Information Society, 2015, 31, 229-236. | 2.9 | 42 |
| 13 | On Vowel Height and Consonantal Voicing Effects: Data from Italian. Phonetica, 2002, 59, 197-231. | 0.6 | 35 |
| 14 | Extracting and Associating Meta-features for Understanding Peopleâ€™s Emotional Behaviour: Face and Speech. Cognitive Computation, 2011, 3, 436-448. | 5.2 | 35 |
| 15 | A Speaker Independent Approach to the Classification of Emotional Vocal Expressions. , 2008, , . | | 32 |
| 16 | Building the next generation of personal digital Assistants. , 2014, , . | | 31 |
| 17 | Assessing Facial Symmetry and Attractiveness using Augmented Reality. Pattern Analysis and Applications, 2022, 25, 635-651. | 4.6 | 31 |
| 18 | Modeling Emotion, Behavior and Context in Socially Believable Robots and ICT Interfaces. Cognitive Computation, 2014, 6, 623-627. | 5.2 | 27 |

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| 19 | A General Framework for Learning Rules From Data. IEEE Transactions on Neural Networks, 2004, 15, 1333-1349. | 4.2 | 25 |
| 20 | Serious Game iDO: Towards Better Education in Dementia Care. Information (Switzerland), 2019, 10, 355. | 2.9 | 24 |
| 21 | The Amount of Information on Emotional States Conveyed by the Verbal and Nonverbal Channels: Some Perceptual Data. Lecture Notes in Computer Science, 2007, , 249-268. | 1.3 | 24 |
| 22 | On the Significance of Speech Pauses in Depressive Disorders: Results on Read and Spontaneous Narratives. Smart Innovation, Systems and Technologies, 2016, , 73-82. | 0.6 | 22 |
| 23 | On-line learning in RBF neural networks: a stochastic approach. Neural Networks, 2000, 13, 719-729. | 5.9 | 21 |
| 24 | Assessing Voice User Interfaces: The vassist system prototype. , 2014, , . | | 21 |
| 25 | Advances in Neural Networks. Smart Innovation, Systems and Technologies, 2016, , . | 0.6 | 21 |
| 26 | Text Independent Methods for Speech Segmentation. Lecture Notes in Computer Science, 2005, , 261-290. | 1.3 | 20 |
| 27 | Children's Knowledge and Imaginary About Robots. International Journal of Social Robotics, 2015, 7, 685-695. | 4.6 | 20 |
| 28 | Analysis of the interaction between elderly people and a simulated virtual coach. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 6125-6140. | 4.9 | 20 |
| 29 | Perfectionism and Burnout During the COVID-19 Crisis: A Two-Wave Cross-Lagged Study. Frontiers in Psychology, 2020, 11, 631994. | 2.1 | 20 |
| 30 | Speech driven facial animation. , 2001, , . | | 19 |
| 31 | Elders prefer female robots with a high degree of human likeness. , 2019, , . | | 19 |
| 32 | Discriminative Power of EEG-Based Biomarkers in Major Depressive Disorder: A Systematic Review. IEEE Access, 2021, 9, 112850-112870. | 4.2 | 19 |
| 33 | A comparison of acoustic coding models for speech-driven facial animation. Speech Communication, 2006, 48, 598-615. | 2.8 | 18 |
| 34 | When the Words are Not Everything: The Use of Laughter, Fillers, Back-Channel, Silence, and Overlapping Speech in Phone Calls. Frontiers in ICT, 2015, 2, . | 3.6 | 18 |
| 35 | Elder users' attitude toward assistive virtual agents: the role of voice and gender. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 4429-4436. | 4.9 | 18 |
| 36 | Advanced Assistive Technologies for Elderly People: A Psychological Perspective on Seniors' Needs and Preferences (part A). Acta Polytechnica Hungarica, 2020, 17, 163-189. | 2.9 | 18 |

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| 37 | The Significance of Empty Speech Pauses: Cognitive and Algorithmic Issues. , 2007, , 542-554. | | 17 |
| 38 | Cultural Specific Effects on the Recognition of Basic Emotions: A Study on Italian Subjects. Lecture Notes in Computer Science, 2009, , 135-148. | 1.3 | 17 |
| 39 | The Dependability of Voice on Eldersâ€™ Acceptance of Humanoid Agents. , 0, , . | | 17 |
| 40 | Ethical issues in assistive ambient living technologies for ageing well. Multimedia Tools and Applications, 2020, 79, 36077-36089. | 3.9 | 16 |
| 41 | Analysis of high-level features for vocal emotion recognition. , 2011, , . | | 15 |
| 42 | Classification of emotional speech units in call centre interactions. , 2013, , . | | 15 |
| 43 | How Major Depressive Disorder Affects the Ability to Decode Multimodal Dynamic Emotional Stimuli. Frontiers in ICT, 2016, 3, . | 3.6 | 15 |
| 44 | Modeling Social Signals and Contexts in Robotic Socially Believable Behaving Systems. Intelligent Systems Reference Library, 2016, , 5-11. | 1.2 | 15 |
| 45 | The Emergence of Creativity. World Futures, 2016, 72, 319-326. | 1.0 | 15 |
| 46 | Language Independent Detection Possibilities of Depression by Speech. Smart Innovation, Systems and Technologies, 2016, , 103-114. | 0.6 | 15 |
| 47 | A neural network for error correcting decoding of binary linear codes. Neural Networks, 1994, 7, 195-202. | 5.9 | 14 |
| 48 | Approaching Social Robots Through Playfulness and Doing-It-Yourself: Children in Action. Cognitive Computation, 2014, 6, 789-801. | 5.2 | 14 |
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| 50 | A Multimodal Interaction Scheme between a Blind User and the Tyflos Assistive Prototype. , 2008, , . | | 13 |
| 51 | On the recognition of emotional vocal expressions: motivations for a holistic approach. Cognitive Processing, 2012, 13, 541-550. | 1.4 | 13 |
| 52 | The Influence of the Attachment Style on the Decoding Accuracy of Emotional Vocal Expressions. Cognitive Computation, 2014, 6, 699-707. | 5.2 | 13 |
| 53 | Gender Identification through Handwriting: an Online Approach. , 2020, , . | | 13 |
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| 56 | The EMPATHIC project. , 2019, , . | | 12 |
| 57 | How Human Likeness, Gender and Ethnicity affect Eldersâ€™ Acceptance of Assistive Robots. , 2020, , . | | 12 |
| 58 | Emotional Vocal Expressions Recognition Using the COST 2102 Italian Database of Emotional Speech. Lecture Notes in Computer Science, 2010, , 255-267. | 1.3 | 12 |
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| 60 | Behavioral Sentiment Analysis of Depressive States. , 2020, , . | | 12 |
| 61 | Modeling Emotions in Robotic Socially Believable Behaving Systems. Intelligent Systems Reference Library, 2016, , 9-14. | 1.2 | 11 |
| 62 | The Role of Timing in Speech Perception and Speech Production Processes and its Effects on Language Impaired Individuals. , 2006, , . | | 10 |
| 63 | Neuronal symphonies: Musical improvisation and the centrencephalic space of functional integration. World Futures, 2017, 73, 491-510. | 1.0 | 10 |
| 64 | Emotional faces of children and adults: What changes in their perception. , 2018, , . | | 10 |
| 65 | Decisions Under Temporal AND Emotional Pressure: The Hidden Relationships Between the Unconscious, Personality, and Cognitive Styles. World Futures, 2019, 75, 260-273. | 1.0 | 10 |
| 66 | Emotional State Recognition Performance Improvement on a Handwriting and Drawing Task. IEEE Access, 2021, 9, 28496-28504. | 4.2 | 10 |
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| 74 | Seniorsâ€™ Sensing of Agentsâ€™ Personality from Facial Expressions. Lecture Notes in Computer Science, 2018, , 438-442. | 1.3 | 7 |
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| 77 | Combining Features for Recognizing Emotional Facial Expressions in Static Images. Lecture Notes in Computer Science, 2008, , 56-69. | 1.3 | 7 |
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| 80 | Effects of Narrative Identities and Attachment Style on the Individualâ€™s Ability to Categorize Emotional Voices. Smart Innovation, Systems and Technologies, 2015, , 265-272. | 0.6 | 7 |
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| 91 | Multiresolution analysis applied to text-independent phone segmentation. Journal of Physics: Conference Series, 2007, 90, 012083. | 0.4 | 5 |
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| 94 | Advances in Neural Networks: Computational and Theoretical Issues. Smart Innovation, Systems and Technologies, 2015, , . | 0.6 | 5 |
| 95 | Recent Advances in Nonlinear Speech Processing. Smart Innovation, Systems and Technologies, 2016, , . | 0.6 | 5 |
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| 101 | Cognitive Computation Special Issue on Cognitive Behavioural Systems. Cognitive Computation, 2011, 3, 417-418. | 5.2 | 4 |
| 102 | On the Amount of Semantic Information Conveyed by Gestures. , 2015, , . | | 4 |
| 103 | Decision-making Styles and Personality Traits : A pilot study on the predictive capacity of the TCI regarding the quality of the decision. , 2018, , . | | 4 |
| 104 | Linguistic and Behaviour Interaction Analysis within Cognitive Infocommunications. , 2019, , . | | 4 |
| 105 | EEGs as potential predictors of virtual agents's acceptance. , 2019, , . | | 4 |
| 106 | Children's Perception of Musical Emotional Expressions. , 2007, , 51-64. | | 4 |
| 107 | The EMPATHIC Virtual Coach: a demo. , 2021, , . | | 4 |
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| 110 | Advancing and Validating Models of Cognitive Architecture. , 2019, , . | | 4 |
| 111 | Unitas Multiplex. Biological architectures of consciousness. Infocommunications Journal, 2020, 12, 10-16. | 0.8 | 4 |
| 112 | Detecting Depression in Less Than 10 Seconds. , 2020, , . | | 4 |
| 113 | Aspects of Methodology for Interaction Analysis. , 2020, , . | | 4 |
| 114 | Emotional Features of Interactions with Empathic Agents. , 2021, , . | | 4 |
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| 116 | A preliminary study on aging examining online handwriting. , 2014, , . | | 3 |
| 117 | A Pilot Study on the Decoding of Dynamic Emotional Expressions in Major Depressive Disorder. Smart Innovation, Systems and Technologies, 2016, , 189-200. | 0.6 | 3 |
| 118 | Differences between hearing and deaf subjects in decoding foreign emotional faces. , 2017, , . | | 3 |
| 119 | Gender differences in the language of the Map Task dialogues. , 2017, , . | | 3 |
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| 126 | An Interaction Based Approach to Document Segmentation for the Visually Impaired. Lecture Notes in Computer Science, 2009, , 540-549. | 1.3 | 3 |

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| 127 | The Nodes of Treatment: A Pilot Study of the Patient-Therapist Relationship Through the Theory of Complex Systems. Smart Innovation, Systems and Technologies, 2021, , 585-593. | 0.6 | 3 |
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| 134 | Power Poses Affect Risk Tolerance and Skin Conductance Levels. , 2018, , . | | 2 |
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| 136 | â€˜Not only facesâ€™™: specialized visual representation of human hands revealed by adaptation. Royal Society Open Science, 2020, 7, 200948. | 2.4 | 2 |
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| 145 | Decision-Making Styles in an Evolutionary Perspective. Smart Innovation, Systems and Technologies, 2020, , 503-512. | 0.6 | 2 |
| 146 | Co-creating Requirements and Assessing End-User Acceptability of a Voice-Based Chatbot to Support Mental Health: A Thematic Analysis of a Living Lab Workshop. Lecture Notes in Electrical Engineering, 2021, , 201-212. | 0.4 | 2 |
| 147 | Humanoid and android robots in the imaginary of adolescents, young adults and seniors. Journal of Ambient Intelligence and Humanized Computing, 0, , 1. | 4.9 | 2 |
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| 152 | Theory and Practice of Model Transformations. Lecture Notes in Computer Science, 2013, , . | 1.3 | 1 |
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| 155 | A Synthesis of Stochastic Petri Net (SPN) Graphs for Natural Language Understanding (NLU) Event/Action Association. , 2015, , . | | 1 |
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| 170 | The Matrix of Meaning: Re-presenting Meaning in Mind Prolegomena to a Theoretical Model. Lecture Notes in Computer Science, 2011, , 316-334. | 1.3 | 1 |
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