# Agnieszka Wykowska

List of Publications by Year
in descending order



| 87 | 2,170 | 218662 | 254170 |
|---|---|---|---|
| papers | citations | 26 h-index | 43 g-index |

| 105 | 105 | 105 | 1188 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Robots As Intentional Agents: Using Neuroscientific Methods to Make Robots Appear More Social. Frontiers in Psychology, 2017, 8, 1663. | 2.1 | 178 |
| 2 | I See What You Mean: How Attentional Selection Is Shaped by Ascribing Intentions to Others. PLoS ONE, 2012, 7, e45391. | 2.5 | 163 |
| 3 | Beliefs about the Minds of Others Influence How We Process Sensory Information. PLoS ONE, 2014, 9, e94339. | 2.5 | 122 |
| 4 | Embodied artificial agents for understanding human social cognition. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150375. | 4.0 | 118 |
| 5 | Do We Adopt the Intentional Stance Toward Humanoid Robots?. Frontiers in Psychology, 2019, 10, 450. | 2.1 | 110 |
| 6 | How you move is what you see: Action planning biases selection in visual search.. Journal of Experimental Psychology: Human Perception and Performance, 2009, 35, 1755-1769. | 0.9 | 98 |
| 7 | From social brains to social robots: applying neurocognitive insights to humanâ€“robot interaction. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180024. | 4.0 | 95 |
| 8 | Believing androids â€“ fMRI activation in the right temporo-parietal junction is modulated by ascribing intentions to non-human agents. Social Neuroscience, 2017, 12, 582-593. | 1.3 | 52 |
| 9 | Adopting the intentional stance toward natural and artificial agents. Philosophical Psychology, 2020, 33, 369-395. | 0.9 | 49 |
| 10 | iCub: The not-yet-finished story of building a robot child. Science Robotics, 2017, 2, . | 17.6 | 47 |
| 11 | Detecting pop-out targets in contexts of varying homogeneity: Investigating homogeneity coding with event-related brain potentials (ERPs). Brain Research, 2007, 1138, 136-147. | 2.2 | 45 |
| 12 | Risk Perception and Media in Shaping Protective Behaviors: Insights From the Early Phase of COVID-19 Italian Outbreak. Frontiers in Psychology, 2020, 11, 563426. | 2.1 | 45 |
| 13 | On the role of eye contact in gaze cueing. Scientific Reports, 2018, 8, 17842. | 3.3 | 42 |
| 14 | Attribution of intentional agency towards robots reduces oneâ€™s own sense of agency. Cognition, 2020, 194, 104109. | 2.2 | 40 |
| 15 | Humans are Well Tuned to Detecting Agents Among Non-agents: Examining the Sensitivity of Human Perception to Behavioral Characteristics of Intentional Systems. International Journal of Social Robotics, 2015, 7, 767-781. | 4.6 | 39 |
| 16 | On the Temporal Relation of Topâ€“Down and Bottomâ€“Up Mechanisms during Guidance of Attention. Journal of Cognitive Neuroscience, 2010, 22, 640-654. | 2.3 | 38 |
| 17 | Irrelevant Singletons in Visual Search Do Not Capture Attention but Can Produce Nonspatial Filtering Costs. Journal of Cognitive Neuroscience, 2011, 23, 645-660. | 2.3 | 38 |
| 18 | What We Observe Is Biased by What Other People Tell Us: Beliefs about the Reliability of Gaze Behavior Modulate Attentional Orienting to Gaze Cues. PLoS ONE, 2014, 9, e94529. | 2.5 | 37 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The human brain reveals resting state activity patterns that are predictive of biases in attitudes toward robots. Science Robotics, 2020, 5, . | 17.6 | 36 |
| 20 | Social Robots to Test Flexibility of Human Social Cognition. International Journal of Social Robotics, 2020, 12, 1203-1211. | 4.6 | 35 |
| 21 | Itâ€™s in the Eyes: The Engaging Role of Eye Contact in HRI. International Journal of Social Robotics, 2021, 13, 525-535. | 4.6 | 35 |
| 22 | Implications of Robot Actions for Human Perception. How Do We Represent Actions of the Observed Robots?. International Journal of Social Robotics, 2014, 6, 357-366. | 4.6 | 34 |
| 23 | Examining joint attention with the use of humanoid robots-A new approach to study fundamental mechanisms of social cognition. Psychonomic Bulletin and Review, 2020, 27, 217-236. | 2.8 | 34 |
| 24 | Robot-Assisted Training of Joint Attention Skills in Children Diagnosed with Autism. Lecture Notes in Computer Science, 2015, , 296-305. | 1.3 | 34 |
| 25 | Intentional Mindset Toward Robotsâ€"Open Questions and Methodological Challenges. Frontiers in Robotics and AI, 2018, 5, 139. | 3.2 | 30 |
| 26 | Action Intentions Modulate Allocation of Visual Attention: Electrophysiological Evidence. Frontiers in Psychology, 2012, 3, 379. | 2.1 | 29 |
| 27 | Gaze Following Is Modulated by Expectations Regarding Othersâ€™ Action Goals. PLoS ONE, 2015, 10, e0143614. | 2.5 | 28 |
| 28 | Autistic traits and sensitivity to human-like features of robot behavior. Interaction Studies, 2015, 16, 219-248. | 0.6 | 24 |
| 29 | Robot Faces that Follow Gaze Facilitate Attentional Engagement and Increase Their Likeability. Frontiers in Psychology, 2018, 9, 70. | 2.1 | 24 |
| 30 | The Importance of Mutual Gaze in Human-Robot Interaction. Lecture Notes in Computer Science, 2017, , 443-452. | 1.3 | 23 |
| 31 | In natural interaction with embodied robots, we prefer it when they follow our gaze: a gaze-contingent mobile eyetracking study. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180036. | 4.0 | 23 |
| 32 | Robots as Mirrors of the Human Mind. Current Directions in Psychological Science, 2021, 30, 34-40. | 5.3 | 23 |
| 33 | Action-induced effects on perception depend neither on element-level nor on set-level similarity between stimulus and response sets. Attention, Perception, and Psychophysics, 2011, 73, 1034-1041. | 1.3 | 20 |
| 34 | Mutual gaze with a robot affects human neural activity and delays decision-making processes. Science Robotics, 2021, 6, eabc5044. | 17.6 | 20 |
| 35 | Eye contact during joint attention with a humanoid robot modulates oscillatory brain activity. Social Cognitive and Affective Neuroscience, 2021, 16, 383-392. | 3.0 | 19 |
| 36 | Individual Differences in Attitude Toward Robots Predict Behavior in Human-Robot Interaction. Lecture Notes in Computer Science, 2019, , 64-73. | 1.3 | 18 |

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|---|---|---|---|
| 37 | When to engage in interaction — And how? EEG-based enhancement of robot's ability to sense social signals in HRI. , 2014, , . | | 15 |
| 38 | Perception and Action as Two Sides of the Same Coin. A Review of the Importance of Action-Perception Links in Humans for Social Robot Design and Research. International Journal of Social Robotics, 2012, 4, 5-14. | 4.6 | 14 |
| 39 | Adopting the Intentional Stance Towards Humanoid Robots. Springer Tracts in Advanced Robotics, 2019, , 119-136. | 0.4 | 14 |
| 40 | Repetitive Robot Behavior Impacts Perception of Intentionality and Gaze-Related Attentional Orienting. Frontiers in Robotics and AI, 2020, 7, 565825. | 3.2 | 14 |
| 41 | Response Coordination Emerges in Cooperative but Not Competitive Joint Task. Frontiers in Psychology, 2018, 9, 1919. | 2.1 | 13 |
| 42 | Human vs Humanoid. A Behavioral Investigation of the Individual Tendency to Adopt the Intentional Stance. , 2021, , . | | 12 |
| 43 | Train with Me: A Study Comparing a Socially Assistive Robot and a Virtual Agent for a Rehabilitation Task. Lecture Notes in Computer Science, 2019, , 453-463. | 1.3 | 12 |
| 44 | At first sight: robotsâ€™ subtle eye movement parameters affect human attentional engagement, spontaneous attunement and perceived human-likeness. Paladyn, 2020, 11, 31-39. | 2.7 | 12 |
| 45 | Context heterogeneity has a sustained impact on attention deployment: Behavioral and electrophysiological evidence. Psychophysiology, 2013, 50, 722-733. | 2.4 | 11 |
| 46 | Expectations regarding action sequences modulate electrophysiological correlates of the gazeâ€cueing effect. Psychophysiology, 2017, 54, 942-954. | 2.4 | 11 |
| 47 | Imaging When Acting: Picture but Not Word Cues Induce Action-Related Biases of Visual Attention. Frontiers in Psychology, 2012, 3, 388. | 2.1 | 10 |
| 48 | Motivation Modulates Visual Attention: Evidence from Pupillometry. Frontiers in Psychology, 2013, 4, 59. | 2.1 | 10 |
| 49 | Using a Gaze-Cueing Paradigm to Examine Social Cognitive Mechanisms of Individuals with Autism Observing Robot and Human Faces. Lecture Notes in Computer Science, 2014, , 370-379. | 1.3 | 10 |
| 50 | More Than You Expect: Priors Influence on the Adoption of Intentional Stance Toward Humanoid Robots. Lecture Notes in Computer Science, 2019, , 119-129. | 1.3 | 10 |
| 51 | ERP markers of action planning and outcome monitoring in human â€“ robot interaction. Acta Psychologica, 2021, 212, 103216. | 1.5 | 9 |
| 52 | TobiiGlassesPySuite. , 2019, , . | | 7 |
| 53 | Intentions with actions: The role of intentionality attribution on the vicarious sense of agency in Humanâ€“Robot interaction. Quarterly Journal of Experimental Psychology, 2022, 75, 616-632. | 1.1 | 7 |
| 54 | Reduced Sense of Agency in Human-Robot Interaction. Lecture Notes in Computer Science, 2018, , 441-450. | 1.3 | 6 |

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|---|---|---|---|
| 55 | Focusing on the face or getting distracted by social signals? The effect of distracting gestures on attentional focus in natural interaction. Psychological Research, 2021, 85, 491-502. | 1.7 | 6 |
| 56 | Mind the Eyes: Artificial Agentsâ€™ Eye Movements Modulate Attentional Engagement and Anthropomorphic Attribution. Frontiers in Robotics and AI, 2021, 8, 642796. | 3.2 | 6 |
| 57 | I Am Looking for Your Mind: Pupil Dilation Predicts Individual Differences in Sensitivity to Hints of Human-Likeness in Robot Behavior. Frontiers in Robotics and AI, 2021, 8, 653537. | 3.2 | 6 |
| 58 | Training Autistic Children on Joint Attention Skills with a Robot. Lecture Notes in Computer Science, 2018, , 86-92. | 1.3 | 6 |
| 59 | Theory of Mind and Joint Attention. , 2021, , 311-348. | | 6 |
| 60 | The Effect of Individual Differences and Repetitive Interactions on Explicit and Implicit Attitudes Towards Robots. Lecture Notes in Computer Science, 2020, , 466-477. | 1.3 | 6 |
| 61 | Joint action with artificial agents: Human-likeness in behaviour and morphology affects sensorimotor signaling and social inclusion. Computers in Human Behavior, 2022, 132, 107237. | 8.5 | 6 |
| 62 | How Humans Optimize Their Interaction with the Environment: The Impact ofÂAction Context onÂHuman Perception. International Journal of Social Robotics, 2011, 3, 223-231. | 4.6 | 5 |
| 63 | Humans Socially Attune to Their â€œFollowerâ€•Robot. , 2019, , . | | 5 |
| 64 | Robot Gaze Behavior Affects Honesty in Human-Robot Interaction. Frontiers in Artificial Intelligence, 2021, 4, 663190. | 3.4 | 5 |
| 65 | Toward an Attentive Robotic Architecture: Learning-Based Mutual Gaze Estimation in Humanâ€“Robot Interaction. Frontiers in Robotics and AI, 2022, 9, 770165. | 3.2 | 5 |
| 66 | Distract yourself: prediction of salient distractors by own actions and external cues. Psychological Research, 2019, 83, 159-174. | 1.7 | 4 |
| 67 | Attributing Human-Likeness to an Avatar: The Role of Time and Space in the Perception of Biological Motion. Lecture Notes in Computer Science, 2018, , 400-409. | 1.3 | 3 |
| 68 | How Humans Optimize Their Interaction with the Environment: The Impact of Action Context on Human Perception. Communications in Computer and Information Science, 2009, , 162-172. | 0.5 | 3 |
| 69 | Does Observing Artificial Robotic Systems Influence Human Perceptual Processing in the Same Way as Observing Humans?. Lecture Notes in Computer Science, 2012, , 327-337. | 1.3 | 3 |
| 70 | The Intentional Stance Test-2: How to Measure the Tendency to Adopt Intentional Stance Towards Robots. Frontiers in Robotics and AI, 2021, 8, 666586. | 3.2 | 3 |
| 71 | Exposure to Robotic Virtual Agent Affects Adoption of Intentional Stance. , 2021, , . | | 3 |
| 72 | Editorial: Computational Approaches for Human-Human and Human-Robot Social Interactions. Frontiers in Robotics and AI, 2020, 7, 55. | 3.2 | 2 |

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|---|---|---|---|
| 73 | Robots Improve Judgments on Self-generated Actions: An Intentional Binding Study. Lecture Notes in Computer Science, 2019, , 88-97. | 1.3 | 2 |
| 74 | Irrelevant Robot Signals in a Categorization Task Induce Cognitive Conflict in Performance, Eye Trajectories, the N2 Component of the EEG Signal, and Frontal Theta Oscillations. Journal of Cognitive Neuroscience, 2021, 34, 108-126. | 2.3 | 2 |
| 75 | Motor behaviour mimics the gaze response in establishing joint attention, but is moderated by individual differences in adopting the intentional stance towards a robot avatar. Visual Cognition, 2022, 30, 42-53. | 1.6 | 2 |
| 76 | Cultural Values, but not Nationality, Predict Social Inclusion of Robots. Lecture Notes in Computer Science, 2021, , 48-57. | 1.3 | 2 |
| 77 | Robotâ€™s Social Gaze Affects Conflict Resolution but not Conflict Adaptations. Journal of Cognition, 2022, 5, . | 1.4 | 2 |
| 78 | Cognitive and Social Neuroscience Methods for HRI. , 2018, , . | | 1 |
| 79 | Upper limb exercise with physical and virtual robots: Visual sensitivity affects task performance. Paladyn, 2021, 12, 199-213. | 2.7 | 1 |
| 80 | The Personality of a Robot. An Adaptation of the HEXACO â€“ 60 as a Tool for HRI. Lecture Notes in Computer Science, 2021, , 707-717. | 1.3 | 1 |
| 81 | Social Cognition for HRI. , 2020, , . | | 1 |
| 82 | Modulating the Intentional Stance: Humanoid Robots, Narrative and Autistic Traits. Lecture Notes in Computer Science, 2021, , 697-706. | 1.3 | 1 |
| 83 | Misleading Robot Signals in a Classification Task Induce Cognitive Load as Measured by Theta Synchronization Between Frontal and Temporo-parietal Brain Regions. Frontiers in Neuroergonomics, 0, 3, . | 1.1 | 1 |
| 84 | Modality-specific interference between action planning and perceptual processing. Journal of Cognitive Psychology, 2018, 30, 77-84. | 0.9 | 0 |
| 85 | Selecting When Acting: How Human Perception Is Tuned to Action Goals and How Robotics Can Benefit from That. Lecture Notes in Computer Science, 2010, , 275-284. | 1.3 | 0 |
| 86 | Deployment of Spatial Attention towards Locations in Memory Representations. An EEG Study. PLoS ONE, 2013, 8, e83856. | 2.5 | 0 |
| 87 | Does attributing mental states to a robot influence accessibility of information represented during reading?. Acta Psychologica, 2022, 228, 103660. | 1.5 | 0 |