

Tzvi Ganel

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

2,685
citations

257450

24
h-index

189892

50
g-index

87
all docs

87
docs citations

87
times ranked

1843
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Electrophysiological and Haemodynamic Correlates of Face Perception, Recognition and Priming. <i>Cerebral Cortex</i> , 2003, 13, 793-805. | 2.9 | 348 |
| 2 | Visual control of action but not perception requires analytical processing of object shape. <i>Nature</i> , 2003, 426, 664-667. | 27.8 | 197 |
| 3 | The involvement of the "fusiform face area" in processing facial expression. <i>Neuropsychologia</i> , 2005, 43, 1645-1654. | 1.6 | 164 |
| 4 | Hemispheric Specialization for the Visual Control of Action Is Independent of Handedness. <i>Journal of Neurophysiology</i> , 2006, 95, 3496-3501. | 1.8 | 149 |
| 5 | Effects of Familiarity on the Perceptual Integrality of the Identity and Expression of Faces: The Parallel-Route Hypothesis Revisited.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2004, 30, 583-597. | 0.9 | 125 |
| 6 | The COVID-19 pandemic masks the way people perceive faces. <i>Scientific Reports</i> , 2020, 10, 22344. | 3.3 | 123 |
| 7 | A Double Dissociation Between Action and Perception in the Context of Visual Illusions. <i>Psychological Science</i> , 2008, 19, 221-225. | 3.3 | 121 |
| 8 | Visual coding for action violates fundamental psychophysical principles. <i>Current Biology</i> , 2008, 18, R599-R601. | 3.9 | 119 |
| 9 | Repetition priming for familiar and unfamiliar faces in a sex-judgment task: Evidence for a common route for the processing of sex and identity.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2000, 26, 1198-1214. | 0.9 | 90 |
| 10 | Practice makes perfect, but only with the right hand: Sensitivity to perceptual illusions with awkward grasps decreases with practice in the right but not the left hand. <i>Neuropsychologia</i> , 2008, 46, 624-631. | 1.6 | 89 |
| 11 | Left handedness does not extend to visually guided precision grasping. <i>Experimental Brain Research</i> , 2007, 182, 275-279. | 1.5 | 85 |
| 12 | Perceptual integrality of sex and identity of faces: Further evidence for the single-route hypothesis.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2002, 28, 854-867. | 0.9 | 73 |
| 13 | Interactions between the processing of gaze direction and facial expression. <i>Vision Research</i> , 2005, 45, 1191-1200. | 1.4 | 67 |
| 14 | Repetition priming for familiar and unfamiliar faces in a sex-judgment task: Evidence for a common route for the processing of sex and identity.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2000, 26, 1198-1214. | 0.9 | 62 |
| 15 | Three-Dimensional Representations of Objects in Dorsal Cortex are Dissociable from Those in Ventral Cortex. <i>Cerebral Cortex</i> , 2017, 27, 422-434. | 2.9 | 53 |
| 16 | The relationship between fMRI adaptation and repetition priming. <i>NeuroImage</i> , 2006, 32, 1432-1440. | 4.2 | 49 |
| 17 | Perceptual integrality of sex and identity of faces: further evidence for the single-route hypothesis. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2002, 28, 854-67. | 0.9 | 35 |
| 18 | Response: When does grasping escape Weber's law?. <i>Current Biology</i> , 2008, 18, R1090-R1091. | 3.9 | 34 |

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|----|---|-----|-----------|
| 19 | Does grasping in patient D.F. depend on vision?. Trends in Cognitive Sciences, 2012, 16, 256-257. | 7.8 | 34 |
| 20 | Accurate Visuomotor Control below the Perceptual Threshold of Size Discrimination. PLoS ONE, 2012, 7, e36253. | 2.5 | 34 |
| 21 | Smiling makes you look older. Psychonomic Bulletin and Review, 2015, 22, 1671-1677. | 2.8 | 33 |
| 22 | Real-time vision, tactile cues, and visual form agnosia: removing haptic feedback from a "natural" grasping task induces pantomime-like grasps. Frontiers in Human Neuroscience, 2015, 9, 216. | 2.0 | 32 |
| 23 | Face masks disrupt holistic processing and face perception in school-age children. Cognitive Research: Principles and Implications, 2022, 7, 9. | 2.0 | 30 |
| 24 | Visual control of action directed toward two-dimensional objects relies on holistic processing of object shape. Psychonomic Bulletin and Review, 2015, 22, 1377-1382. | 2.8 | 26 |
| 25 | Action is immune to the effects of Weber's law throughout the entire grasping trajectory. Journal of Vision, 2014, 14, 11-11. | 0.3 | 25 |
| 26 | Weber's law in 2D and 3D grasping. Psychological Research, 2019, 83, 977-988. | 1.7 | 25 |
| 27 | General holistic impairment in congenital prosopagnosia: Evidence from Garner's speeded-classification task. Cognitive Neuropsychology, 2013, 30, 429-445. | 1.1 | 23 |
| 28 | Sensitivity to Object Impossibility in the Human Visual Cortex: Evidence from Functional Connectivity. Journal of Cognitive Neuroscience, 2015, 27, 1029-1043. | 2.3 | 23 |
| 29 | Grasping numbers: evidence for automatic influence of numerical magnitude on grip aperture. Psychonomic Bulletin and Review, 2014, 21, 830-835. | 2.8 | 22 |
| 30 | Object representations in visual memory: Evidence from visual illusions. Journal of Vision, 2012, 12, 15-15. | 0.3 | 21 |
| 31 | Bimanual grasping does not adhere to Weber's law. Scientific Reports, 2017, 7, 6467. | 3.3 | 20 |
| 32 | Variability-based Garner interference for perceptual estimations but not for grasping. Experimental Brain Research, 2014, 232, 1751-1758. | 1.5 | 19 |
| 33 | Human-Centered Transparency of Grasping via a Robot-Assisted Minimally Invasive Surgery System. IEEE Transactions on Human-Machine Systems, 2018, 48, 349-358. | 3.5 | 19 |
| 34 | Representation of possible and impossible objects in the human visual cortex: Evidence from fMRI adaptation. NeuroImage, 2013, 64, 685-692. | 4.2 | 17 |
| 35 | Revisiting the relationship between the processing of gaze direction and the processing of facial expression.. Journal of Experimental Psychology: Human Perception and Performance, 2011, 37, 48-57. | 0.9 | 16 |
| 36 | Grasping trajectories in a virtual environment adhere to Weber's law. Experimental Brain Research, 2018, 236, 1775-1787. | 1.5 | 16 |

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|----|--|-----|-----------|
| 37 | Functional dissociation between perception and action is evident early in life. <i>Developmental Science</i> , 2012, 15, 653-658. | 2.4 | 14 |
| 38 | Functional dissociation between action and perception of object shape in developmental visual object agnosia. <i>Cortex</i> , 2016, 76, 17-27. | 2.4 | 14 |
| 39 | The effects of smiling on perceived age defy belief. <i>Psychonomic Bulletin and Review</i> , 2018, 25, 612-616. | 2.8 | 14 |
| 40 | Still holding after all these years: An action-perception dissociation in patient DF. <i>Neuropsychologia</i> , 2019, 128, 249-254. | 1.6 | 13 |
| 41 | Dissociable effects of irrelevant context on 2D and 3D grasping. <i>Attention, Perception, and Psychophysics</i> , 2018, 80, 564-575. | 1.3 | 12 |
| 42 | Holistic processing of impossible objects: Evidence from Garner's speeded-classification task. <i>Vision Research</i> , 2013, 93, 10-18. | 1.4 | 11 |
| 43 | Weber's law in grasping. <i>Journal of Vision</i> , 2015, 15, 18. | 0.3 | 11 |
| 44 | Impossible expectations: fMRI adaptation in the lateral occipital complex (LOC) is modulated by the statistical regularities of 3D structural information. <i>NeuroImage</i> , 2015, 122, 188-194. | 4.2 | 11 |
| 45 | Visuomotor Resolution in Telerobotic Grasping with Transmission Delays. <i>Frontiers in Robotics and AI</i> , 2017, 4, . | 3.2 | 11 |
| 46 | The extreme relativity of perception: A new contextual effect modulates human resolving power.. <i>Journal of Experimental Psychology: General</i> , 2016, 145, 509-515. | 2.1 | 10 |
| 47 | A double dissociation between action and perception in bimanual grasping: evidence from the Ponzo and the Wundt-Jastrow illusions. <i>Scientific Reports</i> , 2020, 10, 14665. | 3.3 | 10 |
| 48 | The effect of smiling on the perceived age of male and female faces across the lifespan. <i>Scientific Reports</i> , 2021, 11, 23020. | 3.3 | 10 |
| 49 | Effects of configural processing on the perceptual spatial resolution for face features. <i>Cortex</i> , 2015, 72, 115-123. | 2.4 | 9 |
| 50 | Dissociable effects of stimulus range on perception and action. <i>Cortex</i> , 2018, 98, 28-33. | 2.4 | 9 |
| 51 | Food deprivation reduces the susceptibility to size-contrast illusions. <i>Appetite</i> , 2018, 128, 138-144. | 3.7 | 8 |
| 52 | The effect of food deprivation on human resolving power. <i>Psychonomic Bulletin and Review</i> , 2018, 25, 455-462. | 2.8 | 7 |
| 53 | Active visuomotor interactions with virtual objects on touchscreens adhere to Weber's law. <i>Psychological Research</i> , 2020, 84, 2144-2156. | 1.7 | 7 |
| 54 | Evidence for similar early but not late representation of possible and impossible objects. <i>Frontiers in Psychology</i> , 2015, 6, 94. | 2.1 | 6 |

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|----|--|-----|-----------|
| 55 | The highs and lows of object impossibility: effects of spatial frequency on holistic processing of impossible objects. <i>Psychonomic Bulletin and Review</i> , 2015, 22, 297-306. | 2.8 | 6 |
| 56 | Simon in action: the effect of spatial congruency on grasping trajectories. <i>Psychological Research</i> , 2015, 79, 134-142. | 1.7 | 6 |
| 57 | Obeying the law: speed-precision tradeoffs and the adherence to Weber's law in 2D grasping. <i>Experimental Brain Research</i> , 2019, 237, 2011-2021. | 1.5 | 5 |
| 58 | Grasping Weber's Law in a Virtual Environment: The Effect of Haptic Feedback. <i>Frontiers in Psychology</i> , 2020, 11, 573352. | 2.1 | 5 |
| 59 | The Size Congruity Effect Vanishes in Grasping: Implications for the Processing of Numerical Information. <i>Scientific Reports</i> , 2018, 8, 2723. | 3.3 | 4 |
| 60 | Numerical magnitude affects online execution, and not planning of visuomotor control. <i>Psychological Research</i> , 2018, 82, 488-495. | 1.7 | 4 |
| 61 | Food deprivation disrupts normal holistic processing of domain-specific stimuli. <i>Psychological Research</i> , 2020, 84, 302-312. | 1.7 | 4 |
| 62 | Consciously monitored grasping is vulnerable to perceptual intrusions. <i>Consciousness and Cognition</i> , 2020, 85, 103019. | 1.5 | 4 |
| 63 | Does food deprivation affect perceived size?. <i>Appetite</i> , 2020, 155, 104829. | 3.7 | 4 |
| 64 | Effects of Facial Identity on Age Judgments. <i>Experimental Psychology</i> , 2010, 57, 390-397. | 0.7 | 4 |
| 65 | When perception intrudes on 2D grasping: evidence from Garner interference. <i>Psychological Research</i> , 2020, 84, 2138-2143. | 1.7 | 3 |
| 66 | Double dissociation between perception and action in children. <i>Journal of Experimental Child Psychology</i> , 2021, 201, 104986. | 1.4 | 3 |
| 67 | The Objects of Face Perception. <i>Neuron</i> , 2006, 50, 7-9. | 8.1 | 2 |
| 68 | Selective attention to perceptual dimensions and switching between dimensions.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2013, 39, 191-201. | 0.9 | 2 |
| 69 | Cross-modal effects of auditory magnitude on visually guided grasping. <i>Journal of Vision</i> , 2015, 15, 2. | 0.3 | 2 |
| 70 | Spatial resolution in visual memory. <i>Psychonomic Bulletin and Review</i> , 2015, 22, 500-508. | 2.8 | 2 |
| 71 | Different Modes of Visual Organization for Perception and for Action. , 0, , . | | 2 |
| 72 | Perception and Action in Remote and Virtual Environments. , 2018, , . | | 1 |

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|----|--|-----|-----------|
| 73 | When better is worse: Better face recognizers are more susceptible to the effect of face masks. Journal of Vision, 2021, 21, 2820. | 0.3 | 1 |
| 74 | Intact implicit representation of object 3D structure in object agnosia. Journal of Vision, 2015, 15, 1099. | 0.3 | 1 |
| 75 | The effects of magnitude on visually guided action and perception.. Journal of Vision, 2016, 16, 453. | 0.3 | 1 |
| 76 | The perception of food size and food shape in anorexia nervosa. Appetite, 2022, 169, 105858. | 3.7 | 1 |
| 77 | The effect of emotional expression on perceived facial age. Journal of Vision, 2015, 15, 707. | 0.3 | 0 |
| 78 | A New Context Effect of Human Resolving Power Distinguishes between Perception and Action. Journal of Vision, 2015, 15, 978. | 0.3 | 0 |
| 79 | Weber's law in bimanual grasping and perceptual estimations. Journal of Vision, 2016, 16, 452. | 0.3 | 0 |
| 80 | Effects of numerical magnitude on the online execution of grasping movements. Journal of Vision, 2017, 17, 462. | 0.3 | 0 |
| 81 | The effect of hunger on the perception of food size. Journal of Vision, 2017, 17, 475. | 0.3 | 0 |
| 82 | The contributions of visual and tactile cues to analytic processing during grasping. Journal of Vision, 2017, 17, 461. | 0.3 | 0 |
| 83 | Active visuomotor interactions with virtual objects are intruded by perceptual processing. Journal of Vision, 2018, 18, 66. | 0.3 | 0 |
| 84 | Reduced Functional Dissociation Between Action and Perception in Individuals with Autism. Journal of Vision, 2020, 20, 1238. | 0.3 | 0 |