

Bibliography

Note: Numbers in square brackets denote the chapter in which an entry is cited.

- Baars, B. J. 1988. *A Cognitive Theory of Consciousness*: Cambridge Univ. Press. [12, 14]
- Bahrami, B., K. Olsen, P. E. Latham, et al. 2010. Optimally Interacting Minds. *Science* **329**:1081–1085. [12]
- Bang, D., R. Fusaroli, K. Tylen, et al. 2014. Does Interaction Matter? Testing Whether a Confidence Heuristic Can Replace Interaction in Collective Decision-Making. *Conscious. Cogn.* **26**:13–23. [12]
- Baumeister, R. F., E. J. Masicampo, and C. N. Dewall. 2009. Prosocial Benefits of Feeling Free: Disbelief in Free Will Increases Aggression and Reduces Helpfulness. *Pers. Soc. Psychol. Bull.* **35**:260–268. [12]
- Beck, D. M., G. Rees, C. D. Frith, and N. Lavie. 2001. Neural Correlates of Change Detection and Change Blindness. *Nat. Neurosci.* **4**:645–650. [12]
- Beilock, S. L., T. H. Carr, C. MacMahon, and J. L. Starkes. 2002. When Paying Attention Becomes Counterproductive: Impact of Divided versus Skill-Focused Attention on Novice and Experienced Performance of Sensorimotor Skills. *J. Exp. Psychol. Appl.* **8**:6–16. [12]
- Blanke, O., and T. Metzinger. 2009. Full-Body Illusions and Minimal Phenomenal Selfhood. *Trends Cogn. Sci.* **13**:7–13. [12, 15]
- Bobzien, S. 2006. Moral Responsibility and Moral Development in Epicurus' Philosophy. In: *The Virtuous Life in Greek Ethics*, ed. B. Reis, pp. 206–299. New York: Cambridge Univ. Press. [07, 12]
- Chalmers, D. J. 2000. What Is a Neural Correlate of Consciousness? In: *Neural Correlates of Consciousness*, ed. T. Metzinger, A Bradford Book, pp. 17–39. Cambridge, MA: MIT Press. [12]
- Conant, R. C., and W. R. Ashby. 1970. Every Good Regulator of a System Must Be a Model of That System. *Int. J. Syst. Sci.* **1**:89–97. [12, 15]
- Coricelli, G., H. D. Critchley, M. Joffily, et al. 2005. Regret and Its Avoidance: A Neuroimaging Study of Choice Behavior. *Nat. Neurosci.* **8**:1255–1262. [12]
- Crick, F. 1994. *The Astonishing Hypothesis: The Scientific Search for the Soul*. New York: New York: Scribner. [12]
- Crick, F., and C. Koch. 1995. Are We Aware of Neural Activity in Primary Visual Cortex? *Nature* **375**:121–123. [12]
- Danziger, E. 2006. The Thought That Counts: Interactional Consequences of Variation in Cultural Theories of Meaning. In: *The Roots of Human Sociality: Culture, Cognition and Human Interaction.*, ed. S. Levinson and N. Enfield, Wenner-Gren Intl. Symposium, pp. 259–278, L. C. Aiello, series ed. New York: Berg Press. [12]
- Dehaene, S., and L. Naccache. 2001. Towards a Cognitive Neuroscience of Consciousness: Basic Evidence and a Workspace Framework. *Cognition* **79**:1–37. [12]
- Delgado, M. R., R. H. Frank, and E. A. Phelps. 2005. Perceptions of Moral Character Modulate the Neural Systems of Reward During the Trust Game. *Nat. Neurosci.* **8**:1611–1618. [12]
- Dijksterhuis, A., and L. F. Nordgren. 2006. A Theory of Unconscious Thought. *Perspect. Psychol. Sci.* **1**:95–109. [12]
- Dogge, M., M. Schaap, R. Custers, D. M. Wegner, and H. Aarts. 2012. When Moving without Volition: Implied Self-Causation Enhances Binding Strength between Involuntary Actions and Effects. *Conscious. Cogn.* **21**:501–506. [12]
- Dutilh, G., J. Vandekerckhove, B. U. Forstmann, et al. 2012. Testing Theories of Post-Error Slowing. *Atten. Percept. Psychophys.* **74**:454–465. [12]

- Engel, C., and W. Singer, eds. 2008. *Better Than Conscious? Decision Making, the Human Mind, and Implications for Institutions*. Strüngmann Forum Report, vol. 1. J. Lupp, series ed. Cambridge, MA: MIT press. [12]
- Faivre, N., L. Mudrik, N. Schwartz, and C. Koch. 2014. Multisensory Integration in Complete Unawareness: Evidence from Audiovisual Congruency Priming. *Psychol. Sci.* [12]
- Fehr, E., and S. Gächter. 2002. Altruistic Punishment in Humans. *Nature* **415**:137–140. [12]
- Felleman, D. J., and D. C. Van Essen. 1991. Distributed Hierarchical Processing in the Primate Cerebral Cortex. *Cereb. Cortex* **1**:1–47. [12]
- Filiz-Ozbay, E., and E. Y. Ozbay. 2007. Auctions with Anticipated Regret: Theory and Experiment. *Am. Econ. Rev.* **97**:1407–1418. [12, 15]
- Fouragnan, E., G. Chierchia, S. Greiner, et al. 2013. Reputational Priors Magnify Striatal Responses to Violations of Trust. *J. Neurosci.* **33**:3602–3611. [12]
- Fourneret, P., and M. Jeannerod. 1998. Limited Conscious Monitoring of Motor Performance in Normal Subjects. *Neuropsychologia* **36**:1133–1140. [12]
- Friston, K. J. 2005. A Theory of Cortical Responses. *Phil. Trans. R. Soc. B* **360**:815–836. [12, 14]
- . 2010. The Free-Energy Principle: A Unified Brain Theory? *Nat. Rev. Neurosci.* **11**:127–138. [01, 04, 05, 07, 12, 15]
- . 2013. Life as We Know It. *J. R. Soc. Interface* **10**:20130475. [07, 12, 15]
- Fusaroli, R., B. Bahrami, K. Olsen, et al. 2012. Coming to Terms: Quantifying the Benefits of Linguistic Coordination. *Psychol. Sci.* **23**:931–939. [12]
- Gallotti, M., and C. D. Frith. 2013. Social Cognition in the We-Mode. *Trends Cogn. Sci.* **17**:160–165. [12]
- Gilovich, T., and V. H. Medvec. 1995. The Experience of Regret: What, When, and Why. *Psychol. Rev.* **102**:379–395. [12]
- Graziano, M. S. A., and S. Kastner. 2011. Human Consciousness and Its Relationship to Social Neuroscience: A Novel Hypothesis. *Cogn. Neurosci.* **2**:98–113. [12]
- Gürerk, O., B. Irlenbusch, and B. Rockenbach. 2006. The Competitive Advantage of Sanctioning Institutions. *Science* **312**:108–111. [12]
- Haggard, P., S. Clark, and J. Kalogeras. 2002. Voluntary Action and Conscious Awareness. *Nat. Neurosci.* **5**:382–385. [12, 14, 15]
- Hall, L., P. Johansson, and T. Strandberg. 2012. Lifting the Veil of Morality: Choice Blindness and Attitude Reversals on a Self-Transforming Survey. *PLoS One* **7**:e45457. [12]
- Hardy, T. 1909. *Before Life and After*. <http://www.readbookonline.net/readOnline/10445/>. (accessed Oct. 12, 2015). [12]
- Hazel, N. 2008. *Cross-National Comparison of Youth Justice*. London: Youth Justice Board. [12]
- Hödl, L. 1992. Reue. In: *Historisches Wörterbuch Der Philosophie*, vol. 8, ed. J. Ritter and K. Gründer, pp. 944–951. Basel: Schwabe. [12]
- Hohwy, J. 2014. *The Self-Evidencing Brain*. *Nous* DOI: 10.1111/nous.12062. [07, 12]
- Hollerman, J. R., and W. Schultz. 1998. Dopamine Neurons Report an Error in the Temporal Prediction of Reward During Learning. *Nat. Neurosci.* **1**:304–309. [12]
- Humphrey, N. 1999. *A History of the Mind: Evolution and the Birth of Consciousness*: Springer. [12]
- . 2002. Bugs and Beast before the Law. In: *The Mind Made Flesh*, pp. 235–254. Oxford: Oxford Univ. Press. [12]
- Huxley, T. H. 1874. On the Hypothesis That Animals Are Automata, and Its History. *Nature* **10**:362–366. [12]
- Jackson, F. 1982. Epiphenomenal Qualia. *Philos. Q.* 127–136. [12]
- Job, V., C. S. Dweck, and G. M. Walton. 2010. Ego Depletion: Is It All in Your Head? Implicit Theories About Willpower Affect Self-Regulation. *Psychol. Sci.* **21**:1686–1693. [12]
- Johansson, P., L. Hall, S. Sikstrom, and A. Olsson. 2005. Failure to Detect Mismatches between Intention and Outcome in a Simple Decision Task. *Science* **310**:116–119. [12]
- Joyce, J. 1922. *Ulysses*. Paris: Skalespear and Company. [12]

- Kannape, O. A., L. Schwabe, T. Tadi, and O. Blanke. 2010. The Limits of Agency in Walking Humans. *Neuropsychologia* **48**:1628–1636. [12]
- Kersten, D., P. Mamassian, and A. Yuille. 2004. Object Perception as Bayesian Inference. *Annu. Rev. Psychol.* **55**:271–304. [12]
- Kierkegaard, S. 1843/1992. *Either/Or: A Fragment of Life*. London: Penguin Books. [12]
- Koechlin, E., and C. Summerfield. 2007. An Information Theoretical Approach to Prefrontal Executive Function. *Trends Cogn. Sci.* **11**:229–235. [12]
- Kyselo, M. 2014. The Body Social: An Enactive Approach to the Self. *Front. Psychol.* **5**: [12, 15, 20]
- Lamme, V. A. 2015. The Crack of Dawn: Perceptual Functions and Neural Mechanisms That Mark the Transition from Unconscious Processing to Conscious Vision. In: *Open Mind*, ed. T. K. Metzinger and J. M. Windt. Frankfurt: MIND Group. [12]
- . 2015. Predictive Coding Is Unconscious, So That Consciousness Happens Now. In: *Open Mind*, ed. T. K. Metzinger and J. M. Windt. Frankfurt: MIND Group. [12]
- Lau, H. C., R. D. Rogers, and R. E. Passingham. 2007. Manipulating the Experienced Onset of Intention after Action Execution. *J. Cogn. Neurosci.* **19**:81–90. [12]
- Lemus, L., A. Hernandez, R. Luna, A. Zainos, and R. Romo. 2010. Do Sensory Cortices Process More Than One Sensory Modality During Perceptual Judgments? *Neuron* **67**:335–348. [12]
- Levine, G. M., J. B. Halberstadt, and R. L. Goldstone. 1996. Reasoning and the Weighting of Attributes in Attitude Judgments. *J. Pers. Soc. Psychol.* **70**:230–240. [12]
- Levine, J. 1983. Materialism and Qualia: The Explanatory Gap. *Pac. Philos. Q.* **64**:354–361. [12, 14]
- Libet, B., C. A. Gleason, E. W. Wright, and D. K. Perl. 1983. Time of Conscious Intention to Act in Relation to Cerebral Activities (Readiness Potential): The Unconscious Initiation of a Freely Voluntary Act. *Brain Mind* **106**:623–642. [12, 16]
- Logan, G. D., and M. J. Crump. 2010. Cognitive Illusions of Authorship Reveal Hierarchical Error Detection in Skilled Typists. *Science* **330**:683–686. [12]
- McGeer, V. 2007. The Regulative Dimension of Folk Psychology. In: *Folk Psychology Re-Assessed*, ed. D. Hutto and M. Ratcliffe, pp. 137–156. Dordrecht: Springer. [12]
- Melloni, L. 2015. Consciousness as Inference in Time: A Commentary on Victor Lamme. In: *Open Mind*, ed. T. K. Metzinger and J. M. Windt. Frankfurt: MIND Group. [12]
- Metzinger, T., ed. 1995. *Conscious Experience*. Thorverton: Imprint Academic. [12]
- . 1995. The Problem of Consciousness. In: *Conscious Experience*, ed. T. Metzinger, pp. 3–37. Paderborn: Schöningh. [12]
- . 2003. *Being No One: The Self-Model Theory of Subjectivity*. Cambridge, MA: MIT Press. [12, 14]
- . 2009. *The Ego Tunnel: The Science of the Mind and the Myth of the Self*. New York: Basic Books. [12]
- . 2013. The Myth of Cognitive Agency: Subpersonal Thinking as a Cyclically Recurring Loss of Mental Autonomy. *Front. Psychol.* **4**:931. [12]
- Moore, J., and P. Haggard. 2008. Awareness of Action: Inference and Prediction. *Conscious. Cogn.* **17**:136–144. [12]
- Nagel, T. 1974. What Is It Like to Be a Bat? *Philos. Rev.* 435–450. [12, 14]
- . 1986. *The View from Nowhere*. New York: Oxford Univ. Press. [12]
- Nahmias, E., S. Morris, T. Nadelhoffer, and J. Turner. 2005. Surveying Freedom: Folk Intuitions About Free Will and Moral Responsibility. *Philos. Psychol.* **18**:561–584. [12]
- Nisbett, R. E., and T. D. Wilson. 1977. Telling More Than We Can Know: Verbal Reports on Mental Processes. *Psychol. Rev.* **84**:231–259. [12]
- Norman, D. A., and T. Shallice. 1986. Attention to Action: Willed and Automatic Control of Behavior. In: *Consciousness and Self Regulation: Advances in Research*, ed. R. J. Davidson et al., vol. 4, pp. 1–18. New York: Plenum Press. [12]

- Qureshi, A. W., I. A. Apperly, and D. Samson. 2010. Executive Function Is Necessary for Perspective Selection, Not Level-1 Visual Perspective Calculation: Evidence from a Dual-Task Study of Adults. *Cognition* **117**:230–236. [12]
- Reb, J., and T. Connolly. 2009. Myopic Regret Avoidance: Feedback Avoidance and Learning in Repeated Decision Making. *Organ. Behav. Hum. Decis. Process.* **109**:182–189. [12, 15]
- Rigoni, D., S. Kühn, G. Sartori, and M. Brass. 2011. Inducing Disbelief in Free Will Alters Brain Correlates of Preconscious Motor Preparation. *Psychol. Sci.* [12]
- Rigoni, D., H. Wilquin, M. Brass, and B. Burle. 2013. When Errors Do Not Matter: Weakening Belief in Intentional Control Impairs Cognitive Reaction to Errors. *Cognition* **127**:264–269. [12]
- Roepstorff, A., and C. Frith. 2004. What's at the Top in the Top-Down Control of Action? Script-Sharing and "Top-Top" Control of Action in Cognitive Experiments. *Psychol. Res.* **68**:189–198. [12]
- Roese, N. J., K. Epstude, F. Fessel, et al. 2009. Repetitive Regret, Depression, and Anxiety: Findings from a Nationally Representative Survey. *J. Soc. Clin. Psychol.* **28**:671–688. [12]
- Rosenthal, D. M. 1986. Two Concepts of Consciousness. *Philos. Stud.* **49**:329–359. [12]
- Samson, D., I. A. Apperly, J. J. Braithwaite, B. J. Andrews, and S. E. Bodley Scott. 2010. Seeing It Their Way: Evidence for Rapid and Involuntary Computation of What Other People See. *J. Exp. Psychol. Hum. Percept. Perform.* **36**:1255–1266. [12]
- Schmidt, R. E., and M. Van der Linden. 2013. Feeling Too Regretful to Fall Asleep: Experimental Activation of Regret Delays Sleep Onset. *Cogn. Ther. Res.* **37**:872–880. [12]
- Schultz, W., and A. Dickinson. 2000. Neuronal Coding of Prediction Errors. *Annu. Rev. Neurosci.* **23**:473–500. [12]
- Sebanz, N., G. Knoblich, and W. Prinz. 2003. Representing Others' Actions: Just Like One's Own? *Cognition* **88**:B11–21. [12]
- Seth, A. K. 2015. The Cybernetic Brain: From Interoceptive Inference to Sensorimotor Contingencies. In: Open Mind, ed. T. Metzinger and J. Windt. Frankfurt: MIND Group. [02, 06, 12, 15]
- Shea, N. J., A. Boldt, D. Bang, et al. 2014. Supra-Personal Cognitive Control and Metacognition. *Trends Cogn. Sci.* **18**:186–193. [12]
- Shepherd, J. 2012. Free Will and Consciousness: Experimental Studies. *Conscious. Cogn.* **21**:915–927. [12]
- Singer, T., B. Seymour, J. P. O'Doherty, et al. 2006. Empathic Neural Responses Are Modulated by the Perceived Fairness of Others. *Nature* **439**:466–469. [12]
- Smith, C. H., D. A. Oakley, and J. Morton. 2013. Increased Response Time of Primed Associates Following an "Episodic" Hypnotic Amnesia Suggestion: A Case of Unconscious Volition. *Conscious. Cogn.* **22**:1305–1317. [12]
- Sommerfeld, R. D., H. J. Krambeck, D. Semmann, and M. Milinski. 2007. Gossip as an Alternative for Direct Observation in Games of Indirect Reciprocity. *PNAS* **104**:17435–17440. [12]
- Soon, C. S., M. Brass, H. J. Heinze, and J. D. Haynes. 2008. Unconscious Determinants of Free Decisions in the Human Brain. *Nat. Neurosci.* **11**:543–545. [12, 14, 16]
- Sperber, D. 1996. Explaining Culture: A Naturalistic Approach. Oxford: Wiley-Blackwell. [12]
- Tobler, P., J. P. O'Doherty, R. Dolan, and W. Schultz. 2006. Human Neural Learning Depends on Reward Prediction Errors in the Blocking Paradigm. *J. Neurophysiol.* **95**:301–310. [12]
- Tononi, G. 2008. Consciousness as Integrated Information: A Provisional Manifesto. *Biol. Bull.* **215**:216–242. [12, 14]
- Tononi, G., and G. M. Edelman. 1998. Neuroscience: Consciousness and Complexity. *Science* **282**:1846–1851. [12, 14]
- Trivers, R. 2011. The Folly of Fools: The Logic of Deceit and Self-Deception in Human Life. New York: Basic Books. [12]
- Varraine, E., M. Bonnard, and J. Pailhous. 2002. The Top Down and Bottom up Mechanisms Involved in the Sudden Awareness of Low Level Sensorimotor Behavior. *Brain Res. Cogn. Brain Res.* **13**:357–361. [12]

- Vohs, K. D., and J. W. Schooler. 2008. The Value of Believing in Free Will: Encouraging a Belief in Determinism Increases Cheating. *Psychol. Sci.* **19**:49–54. [12]
- von Hippel, W., and R. Trivers. 2011. The Evolution and Psychology of Self-Deception. *Behav. Brain Sci.* **34**:1–16; discussion 16–56. [12]
- Watkins, S., L. Shams, O. Josephs, and G. Rees. 2007. Activity in Human V1 Follows Multisensory Perception. *NeuroImage* **37**:572–578. [12]
- Wegner, D. M. 2003. *The Illusion of Conscious Will*. Cambridge, MA: MIT Press. [12, 14]
- Winkielman, P., K. C. Berridge, and J. L. Wilbarger. 2005. Unconscious Affective Reactions to Masked Happy versus Angry Faces Influence Consumption Behavior and Judgments of Value. *Pers. Soc. Psychol. Bull.* **31**:121–135. [12]