

INTRODUCTION

Gazzaniga (1970,1972)
Gazzaniga (1972)
Gazzaniga and LeDoux (1978)
LeDoux (1996,2002,2012,2019)
LeDoux and Hirst (1986)
LeDoux et al (1978)
LeDoux, et al (2003)

PART 1: Realms of Existence

Alanen (2003) [Ch6]
Alcaraz (2019) [Ch3]
Alcoff (2006) [Ch3]
Allik and McCrae (2004)
Allport (1967) [Ch3]
Altman (1966) [Ch5]
Bacon (1620) [Ch4]
Bain (1859) [Ch2]
Bandura (1977) [Ch3]
Barrett (2017) [Ch4]
Bedau (1997) [Ch2]
Bernard (1865) [Ch5]
Berns (2022) [Ch5]
Bichat (1800) [Ch5]
Binet and Simon (1905) [Ch4]
Bjorklund and Pellegrini (2002) Ch 1)
Blackburn (2005) [Ch2]
Block (1995) [Ch4]
Bolt, et al (2017) [Ch5]
Boring (1950) [Ch1,2]
Bottani and Davies (2013) [Ch5]
Bouchard (1982) [Ch4]
Brick, et al (2021) [Ch4]
Bruner (1994) [Ch4]
Calkins (2015) [Ch 2]
Cameron and Kulick (2003) [Ch 5]
Cao, et al (2021) [Ch4]
Carlson (1971) [Ch3]
Chalmers (2006) [Ch4]
Cisek (2019) [Ch4]
Clark (2008) [Ch3]
Cloninger (2002) [Ch3]
Collins (1985) [Ch3]
Conway and Pleydell-Pearce (2000)
Corfield (2021) [Ch3]
Ciaunica and Levin (2022) [Ch 3]
Damasio (1999) [Ch5]
Damasio (2010) [Ch2]
Danziger (1997a,1997b) [Ch2,4]
Dennett (1992) [Ch2]
Dennett (2017) [Ch5]
Dennett (1995) [Ch 5]
Diamond (1997) (Ch1)
Dienes (2021) [Ch2]
Ebert, et al (2021) [Ch3]
Eysenck and Kamin (1981) [Ch4]
Feinberg (2011) [Ch2,5]
Fireman, et al (2003) [Ch3]
Fiske (2020) [Ch2,3,4]
Flanagan (1996) [Ch4]
Flanagan (2011) [Ch2,4]
Fleming (2021) [Ch4,5]
Fletcher (1995) [Ch4]
Gallagher (2000) [Ch3,5]
Gallagher (2013) [Ch2,3,4]
Gallagher and Daly (2018) [Ch2]
Galton (1883) [Ch3,4]
Galton (1884) [Ch3]
Galton (1909) [Ch4]
Gardner (1987) [Ch2]
Gazzaniga and LeDoux (1978) [Ch4]
Gibson (1979) [Ch3]
Gill (2017) [Ch2]
Ginsburg and Jablonka (2019) [Ch5]
Goldberg (1990) [Ch3]
Gordon-Roth (2020) [Ch2]
Gould (1981) [Ch4]
Hall et al (1998) [Ch1,3]
Hampson (1988) [Ch3]
Harari (2015) [Ch1]
Harre (1984) [Ch3]
Harrison, et al (2010) [Ch3]
Hernstein and Murray (1994) [Ch4]
Holub (2016) [Ch3]
Hood (2012) [Ch2]
Hull (1943) [Ch3]
Hull (1952) [Ch3]
Hyman (2012) (Ch1)
Inoue (20070) (CH 5)
Insel, et al (2010) (Ch1)
Ito and Howe (2017) [Ch2]
Jackson, et al (2019) [Ch2,3,4]
James (1890) [Ch2]
James (1892) [Ch2]
James (1902) [Ch2]
Johnson (2008) [Ch3]
Johnson (2017) [Ch3]
Kagan (1994) [Ch3]
Kelley (1992) [Ch4]
Kim (2005) [Ch2,3]
Kingston (2019) [Ch3]
Kluckhohn and Murray (1948) [Ch3]
Krakauer, et al (2017) [Ch4,5]
Kronfeldner (2018) (Ch1)
Kurki (2019) [Ch3]
Labrador (2004)
Lane (2006) [Ch5]
LaRock, et al (2020) [Ch2]
LeDoux (2002) [Ch3]
LeDoux (2008) [Ch4]
LeDoux (2012) (Ch1,4)
LeDoux (2014) (Ch1)
LeDoux (2015,2017,2019) (Ch1,4)
LeDoux (2020) [Ch5]
LeDoux (2022) [Ch4]
LeDoux and Hofmann (2022) [Ch1]
LeDoux and Lau (2020) [Ch5]
LeDoux and Pine (2016) [Ch11]
LeDoux, et al (2018) ([h1]
Locke (1990) [Ch2]
Mandler and Kessen (1959) [Ch4]
Manyika (2022) (Ch1)
Margolis (2017) [Ch5]
Markus and Kitayama (1991) [Ch2,3]
Marx (1951) [Ch4]
Maynard Smith and Szathmary (1995) [Ch 5]
McIntosh (1986) [Ch3]
McIlenny (2002) [Ch 7]
Mead (1934) [Ch2,3]
Metzinger (2003) [Ch2,5]
Metzinger (2014) [Ch3,5]
Miller (2010) (Ch1)
Millon (2016) [Ch3]
Mischel (1968,1969) [Ch3]
Mischel and Shoda (1995)
Mitchell (2018) [Ch4]
Mitchell (2022) [Ch2]
Murray (1938) [Ch3]
Neisser (1988) [Ch2]
Neisser (1991) [Ch2]
Newen (2018) [Ch3]
Noe (2004) [Ch3]
Northoff, et al (2011) [Ch2]
Novikoff (1945) [Ch5]
Nowak, et al (2000) [Ch2]

O'Connor (2020) [Ch2,4,5]
Olson (1999) [Ch2]
Panksepp (1998) [Ch3,5]
Penn and Tracy (2012) (Ch1)
Pessoa, et al (2022) [Ch4]
Peterson (2015) (Ch1)
Plomin et al (2012) [Ch3]
Ribot (1885) [Ch3]
Romer (1972) [Ch5]
Roughley (2021) (Ch1)
Sapolsky (2017) (Ch1)
Schaffner (2016) (Ch1,4)
Schaffner (2020a,2020b) [Ch4,5]
Schaffner (submitted) [Ch4]
Schneider (2019) (Ch1)
Searle (2008) [Ch2]
Seligman (2002) [Ch3]
Seth (2013) [Ch3]
Seth (2021) [Ch2]
Shweder and Bourne (1984) [Ch2,3]
Singer (2017) [Ch3]
Skinner (1938,1948) [Ch3]
Skinner et al (1954) [Ch3]
Slowik (2017) [Ch2]
Solms and Panksepp (2012) [Ch5]
Soreq, et al (2021) [Ch4]
Strawson (1999) [Ch3]
Stucki (2020) [Ch3]
Sui and Humphreys (2015) [Ch2]
Teichman (1985) [Ch3]
Terman (1916) [Ch4]
Terman and Merrill (1960) [Ch4]
Taschereau-Dumouchel, et al (2022) [Ch1]
Terracciano and McCrae (2006) [Ch3]
Thagard and Wood (2015) [Ch2]
Tinbergen (1955) [Ch5]
Varela, et al (1991) [Ch3]
Volk (2017, 2020) [Ch5]
Walters (2018) [Ch3]
Weinberger et al (2015) (Ch1)
Wilson and Foglia (2017) [Ch3]

PART 2: Biological Realm

Ackerknecht (1974) [Ch 7]
Alcaraz (2019) [Ch 7]
Altman (1966) [Ch 7]
Baron (2020) [Ch 6]
Bechtel and Richardson (1998) [Ch 6]
Bernard (1865,1878) [Ch 6]
Billman (2020) [Ch 6]
Blessing and Gibbins (2008) [Ch 6]
Burnet and Fenner (1949) [Ch 7]
Buss (1987) [Ch 7]
Cameron and Kulick (2003) [Ch 7]
Cannon (1929) [Ch 6]
Cohen (2004) [Ch 6]
Davies (2016) [Ch 6]
Dawkins (1976) [Ch 7]
Dobzhansky et al, (1972) [Ch 7]
Du Toit (2016) [Ch 6]
Elliot (1987) [Ch 6]
Federspil and Sicolo (1994) [Ch 6]
Folse and Roughgarden (2010) [Ch 7]
Funke, et al (2020) [Ch 7]
Garrett (2006) [Ch 6]
Gilbert, et al (2012) [Ch 7]
Godfrey-Smith (2009,2013) [Ch 7]
Goldstein (2009) [Ch 6]
Haeckel (1904) [Ch 7]
Haigh (1975) [Ch 6]
Haldane (1929) [Ch 6]
Hoenig and Zeidel (2014) [Ch 6]
Hull (1992) [Ch 7]

Inoue (20070 [Ch 7]
 Jarrett (2020) [Ch 6]
 Kurzweil (2012) [Ch 7]
 LaFollette and Shanks (1994) [Ch 6]
 Langman and Cohn (2000) [Ch 7]
 LeDoux (2019) [Ch 6,7]
 Lee (2007) [Ch 6]
 Lewontin (1970,1983) [Ch 7]
 Matloff (2016) [Ch 6]
 Maturana and Varela (1987) [Ch 7]
 Maynard Smith and Szathmary (1995) [Ch 7]
 McConwell (2017) [Ch 7]
 McEwen (1994,2017) [Ch 6]
 McIlenny (2002) [Ch 7]
 Michel and Lau (2020) [Ch 6]
 Michod (2005) [Ch 7]
 Michod and Roze (2001) [Ch 7]
 Minsky (1961) [Ch 7]
 Newell and Simon (1972) [Ch 7]
 Niklas and Newman (eds.) (2016) [Ch 7]
 Novikoff (1945) [Ch 7]
 Pennisi (2018) [Ch 7]
 Picard, et al (2018) [Ch 6]
 Pradeu (2010,2012,2012,2016,2019) [Ch 7]
 Romer (1955,1958,1972) [Ch 7]
 Roth (2013) [Ch 6,7]
 Santelices (1999) [Ch 7]
 Sapolsky (1998) [Ch 6]
 Schneider (2019) [Ch 7]
 Schulkin, et al (1994) [Ch 6]
 Selye (1975) [Ch 6]
 Shields (2020) [Ch 6]
 Skillings (2017) [Ch 7]
 Sterling (2012) [Ch 6]
 Subbotin (2016) [Ch 7]
 Tononi, et al (2016) [Ch 6]
 Turing (2009) [Ch 7]
 Tweedale (2017) [Ch 6]
 Watson and Crick (1953) [Ch 6]
 Wilson and Barker (2019) [Ch 7]

PART 3: Neurobiological Realm

Ackerknecht (1974) [Ch 12]
 Adams, et al (1971) [Ch 12]
 Albert, et al (2008) [Ch 13]
 Amaral (2003) [Ch13]
 Arendt (2008) [Ch 11]
 Arendt, et al (2016) [Ch 9,11]
 Ariens Kappers, et al (1936) [Ch 10]
 Badimon, et al (2020) [Ch 9]
 Balleine (2019) [Ch13]
 Balleine and Dickinson (1998) [Ch13]
 Balleine and O'Doherty (2010) [Ch13]
 Barack and Krakauer (2021) [Ch 10]
 Barrett and Finlay (2018) [Ch13]
 Barto, et al (1990) [Ch13]
 Benito-Gutierrez, et al (2021) [Ch13]
 Bennett (2021) [Ch 9,13]
 Bertucci and Arendt (2013) [Ch 9, 11]
 Bichat (1977) [Ch 12]
 Blanchard and Blanchard (1969) [Ch13]
 Blanchard and Blanchard (1972) [Ch13]
 Blanchard and Young (1973) [Ch 12]
 Blessing (1997) [Ch 11,12]
 Blessing and Gibbins (2008) [Ch 11,12]
 Bolles and Fanselow (1980) [Ch13]
 Brentari (2009) [Ch13]
 Brodal (1982) [Ch 10]
 Brunet and Arendt (2016) [Ch 9]
 Butler and Hodos (2005) [Ch 10,11,13]
 Camhi (1984) [Ch 9]
 Cannon (1929) [Ch 12]
 Cardinal, et al (2002) [Ch13]

Cashin-Garbutt (2018) [Ch13]
 Cechetto (2014) [Ch 12]
 Cesario, et al (2020) [Ch 10]
 Cisek (2019) [Ch 9, 10,13]
 Cisek (2022) [Ch 10]
 Clark (2000) [Ch13]
 Cohen and Obrist (1975) [Ch 12]
 Conaco, et al (2012) [Ch 9]
 Cruz, et al (2022) [Ch 10]
 Ciaunica and Levin (2022) [Ch 11]
 Damasio (1994) [Ch 10]
 Damasio and Carvalho (2013[Ch 12])
 Davis (1990) [Ch13]
 Daw, et al (2011) [Ch13]
 Dawkins and Krebs (1979) [Ch 9]
 Dayan (2002) [Ch13]
 de Lecea (2021) [Ch 12]
 Dezfouli and Balleine (2012) [Ch13]
 Dickinson (2011) [Ch13]
 Dodds (2018) [Ch13]
 Dolan and Vuilleumier (2003) [Ch13]
 Edinger (1908) [Ch 10]
 Egger and Flynn (1963) [Ch 12]
 Elman, et al (1997) [Ch 9]
 Erwin (2007) [Ch 9]
 Erwin and Valentine (2013) [Ch 9]
 Falup-Pecurariu, et al (2021) [Ch 12]
 Fanselow and Lester (1988) [Ch13]
 Fanselow and Poulos (2005) [Ch13]
 Furness (2006) [Ch 12]
 Furness (2007) [Ch 12]
 Gershon (1999) [Ch 12]
 Gershon (2010) [Ch 12]
 Gibbins (2013) [Ch 12]
 Gibson, et al (2015) [Ch13]
 Ginsburg and Jablonka (2010) [Ch 9]
 Giurfa (2013) [Ch 9]
 Glanzman (2010) [Ch 10]
 Goldstein (2009) [Ch 12]
 Gould (1982) [Ch13]
 Grant (2016) [Ch 10]
 Graybiel (2008) [Ch13]
 Graybiel and Grafton (2015) [Ch13]
 Greenspan (2007) [Ch 9,11]
 Grillner, et al (1998) [Ch 9]
 Grosberg and Strathmann (2007) [Ch 9]
 Gross and Canteras (2012) [Ch13]
 Hall et al (2012) [Ch 10]
 Hess (1928) [Ch 12]
 Hess and Akert (1955) [Ch 12]
 Hills (2006) [Ch 9]
 Hills, et al (2015) [Ch 9]
 Hilton and Zbrozyna (1963) [Ch 12]
 Hodos and Campbell (1969)
 Holland (2003) [Ch 11]
 Holland (2015) [Ch 10,11]
 Holland, et al (2013) [Ch 11]
 Hubel and Wiesel (2005) [Ch13]
 Hunsperger (1956) [Ch 12]
 Izquierdo, et al (2005) [Ch13]
 Jakel and Dimou (2017) [Ch 9]
 Jekely (2011) [Ch 11,]
 Kaas et al (2022) [Ch 10]
 Kalin, et al (2004) [Ch13]
 Kanaya, et al (2020) [Ch 9]
 Kandel (2001) [Ch 9]
 Karklin and Lewicki (2005) [Ch13]
 Karplus and Kreidl (1910) [Ch 12]
 Kemerling (2001) [Ch 7]
 Kimble (1967) [Ch13]
 Knell and Codling (2012) [Ch 9]
 Knowlton and Diedrichsen (2018) [Ch13]
 Kotter and Meyer (1992) [Ch 10]

Laing (1937) [Ch 9]
 Lane (2015) [Ch 9]
 Lang and Davis (2006) [Ch13]
 LeCun, et al (2015) [Ch13]
 LeDoux (1990) [Ch13]
 LeDoux (1991) [Ch 10]
 LeDoux (1996,2002) [Ch 10,13]
 LeDoux (2012) [Ch 10,12,13]
 LeDoux (2015) [Ch13]
 LeDoux (2019) [Ch 9,10]
 LeDoux (2019) [Ch13]
 LeDoux (2022) [Ch 12]
 LeDoux and Lau (2020) [Ch13]
 Lehrman (1953) [Ch 9]
 Lin, et al (2003) [Ch 10]
 Llinás (2011) [Ch13]
 Llinás and Sotelo (1992) [Ch13]
 Lorenz (1965) [Ch 9]
 MacLean (1949,1952) [Ch 10,12]
 MacLean (1964,1970,1990) [Ch 10]
 Makino, et al (2016) [Ch13]
 Manto et al, (2012) [Ch13]
 Marks (1987) [Ch13]
 Martin and Kandel (1996) [Ch 10]
 Martínez-García and Lanuza (2018) [Ch 10,13]
 Merzenich and Jenkins (1995) [Ch13]
 Meunier, et al (2009) [Ch 10]
 Miller, et al (1970) [Ch 12]
 Mobbs and LeDoux (2018) [Ch13]
 Moore (2004) [Ch 9]
 Moser, et al (2015) [Ch13]
 Murray, et al (2017) [Ch13]
 Nakanishi, et al (2010) [Ch 11]
 Nauta and Karten (1970) [Ch 10,13]
 Niklas (2014) [Ch 9]
 Nomaksteinsky, et al (2009) [Ch 9,11]
 Northcutt (2012) [Ch 9]
 Northcutt and Kaas (1995) [Ch 10]
 Nozdrachev (2002) [Ch 12]
 O'Doherty, et al (2017) [Ch13]
 Oesch and Adamantidis (2021) [Ch 12]
 Öhman (2002) [Ch13]
 Öhman and Mineka (2001) [Ch13]
 Okeefe and Nadel (1978) [Ch13]
 Parfrey, et al (2011) [Ch 9]
 Patton (2015) [Ch 10]
 Pessoa, et al (2022) [Ch 10]
 Pfaff (1999) [Ch13]
 Pfaff (2019) [Ch 12]
 Phelps and LeDoux (2005) [Ch13]
 Plato (1875) [Ch 12]
 Poldrack (2021) [Ch13]
 Porges (2001) [Ch 12]
 Preuss and Wise (2022) [Ch 10]
 Puellas, et al (2019) [Ch 10]
 Ranson and Magoun (1933) [Ch 12]
 Reiner (1990) [Ch 10]
 Reiner (2009) [Ch 10,13]
 Reiner, et al (1998) [Ch 10,13]
 Rentschler, et al (1999) [Ch13]
 Riganello, et al (2019) [Ch12]
Rigato and Minelli (2013) [Ch 10]
 Robbins and Costa (2017) [Ch13]
 Romer (1958) [Ch 11]
 Romer (1972) [Ch 11]
 Rudebeck and Izquierdo (2022) [Ch 10]
 Samuels (2004) [Ch 9]
 Sanes, et al (2012) [Ch 10]
 Saper (1987,2002) [Ch 12]
 Schroer (2021) [Ch13]
 Schultz (1998) [Ch13]
 Schultz (2013) [Ch 9]
 Seth and Friston (2016) [Ch13]

Shepherd (2007) [Ch 10]
 Sherman and Usrey (2021) [Ch 10]
 Sherrington (1933) [Ch13]
 Shettleworth (2001) [Ch13]
 Shubin (2008) [Ch 10]
 Shubin, et al (2009) [Ch 9]
 Smith and Graybiel (2016) [Ch13]
 Sternson (2013) [Ch13]
 Stich (1975) [Ch 9]
 Striedter (2005) [Ch 10]
 Striedter and Northcutt (2020) [Ch 10,13]
 Striedter and Northcutt (2021) [Ch 10]
 Suryanarayana et al (2021) [Ch 10,13]
 Suryanarayana, et al (2017) [Ch 10]
 Suryanarayana, et al (2022) [Ch 10,13]
 Swanson (1983) [Ch 10]
 Swanson (2002) [Ch 10,13]
 Sytnyk, et al (2017) [Ch 10]
 Thiery (2003) [Ch 10]
 Thompson (2005) [Ch13]
 Thorndike (1898) [Ch 9,13]
 Timmann, et al (2000) [Ch13]
 van Duijn (2017) [Ch 9]
 von Uexküll (1934) [Ch13]
 Wasman and Flynn (1962) [Ch 12]
 Weinberger (1995) [Ch13]

PART 4: Cognitive Realm

Abramson and Wells (2018) [Ch17]
 Adams, et al (2018) [Ch15]
 Ardesch, et al (2019) [Ch 19]
 Atkinson and Shiffrin (1968) [Ch15]
 Baddeley (1992) [Ch15]
 Baddeley (2000) [Ch 19]
 Baddeley (2007) [Ch15]
 Baddeley and Hitch (1974) [Ch15,16]
 Baddeley, et al (2011) [Ch 19]
 Badre and D'Esposito, (2009) [Ch 19]
 Balleine (2018) [Ch 19]
 Balleine (2019) [Ch 15,16,19]
 Balleine and Dickinson (1998) [Ch15]
 Balleine and O'Doherty (2010) [Ch 16,19]
 Barbas and Garcia-Cabezas, et al (2016) [Ch 19]
 Barton and Montgomery (2019) [Ch 19]
 Beck (1967) [Ch14]
 Behrens, et al (2018) [Ch16]
 Bennett (2021) [Ch 17,19]
 Beran and Hopkins (2018) [Ch18]
 Bergstrom and Eriksson (2018) [Ch15]
 Binder and Desai (2011) [Ch15]
 Birch et al (2020) [Ch 17]
 Bishop (2013) [Ch16]
 Bitterman (1975,2000) [Ch17]
 Boring (1950) [Ch14,15]
 Bornstein and Daw (2013) [Ch 16,19]
 Bramson, et al (2020a, 2020b) [Ch 19]
 Brodmann (1909) [Ch 19]
 Browning and Birch (2022) [Ch17]
 Bruner, et al (1956) [Ch14]
 Buckner and Carroll (2007) [Ch18]
 Bundgaard (2007) [Ch14]
 Burgess (2008) [Ch 19]
 Burgess, et al (2001, 2007) [Ch 19]
 Burghardt (2013) [Ch17]
 Burton, et al (2015) [Ch 19]
 Butler and Hodos (2005) [Ch 19]
 Buzsaki (2022) [Ch16]
 Buzsaki and Moser (2013) [Ch 19]
 Camos, et al (2011) [Ch15]
 Cardinal, et al (2002) [Ch 19]
 Carruthers (2009) [Ch15]
 Chai, et al (2021) [Ch 19]
 Chomsky (1959) [Ch14]
 Christoff and Gabrieli (2000) [Ch 19]
 Cisek (2019) [Ch18]
 Cisek (2022) [Ch16]
 Chittka (2022) [Ch 17]
 Clarke and Sokoloff (1999) [Ch17]
 Clayton and Dickinson (1998) [Ch17,18,]
 Clayton and Dickinson (1999) [Ch17]
 Clayton and Dickinson (2006) [Ch 19]
 Clayton and Dickinson (2010) [Ch18]
 Clore and Ortony (2013) [Ch14]
 Cohen and Squire (1980) [Ch14]
 Colwill and Rescorla (1985) [Ch15]
 Corballis (2007) [Ch18]
 Corkin (1968) [Ch14]
 Costa, et al (2022) [Ch 19]
 Cowell, et al (2010) [Ch 19]
 Craik (1943) [Ch14,15,16]
 Craik (1966) [Ch14,15]
 Crump and Birch (2021) [Ch 17]
 Culbreth, et al (2016) [Ch16]
 Curtis and D'Esposito (2003) [Ch 19]
 Damasio (1989) [Ch 19]
 Danziger (1997a) [Ch15]
 Daw, et al (2005) [Ch 16, 19]
 Daw, et al (2011) [Ch16]
 Dawkins (1996) [Ch 19]
 De Neys (2022) [Ch 15]
 Decker, et al (2016) [Ch 16,19]
 Delgado, et al (2008) [Ch 19]
 Dennett (1996) [Ch18]
 DeVito, et al (2010) [Ch 19]
 Dickinson (1980, 2008) [Ch15]
 Dickinson (1985) [Ch14,15]
 Dickinson (2012) [Ch14,16]
 Dickinson and Balleine (1994) [Ch15]
 Dijksterhuis and Nordgren (2006) [Ch15]
 Dijkstra, et al (2022) [Ch 19]
 Dolan (2007) [Ch16]
 Dolan and Dayan (2013) [Ch 16,19]
 Donahue, et al (2018) [Ch 19]
 Donahue, et al (2019) [Ch 19]
 Duff, et al (2019) [Ch 19]
 Duff, et al (2019) [Ch15]
 Eichenbaum (2000,2017) [Ch 19]
 Eichenbaum, et al (2007) [Ch 19]
 Enel, et al (2020) [Ch 19]
 Evans (2008, 2009) [Ch15]
 Evans and Stanovich (2013) [Ch15]
 Everitt and Robbins (2016) [Ch 19]
 Flavell (1979,1999) [Ch15]
 Fleming (2021) [Ch15]
 Fleming and Lau (2014) [Ch15]
 Fleming, et al (2018) [Ch 19]
 Fodor (1975) [Ch15]
 Frith (2012) [Ch15]
 Frith and Frith (2005) [Ch15]
 Fuster (2008) [Ch 15,19]
 Gannon, et al (2005) [Ch 19]
 Garcia-Cabezas, et al (2019, 2022) [Ch 19]
 Garcia, et al (1955) [Ch15]
 Gardner (1987) [Ch14]
 Gendler (2008) [Ch15]
 Gentner (2002) [Ch16]
 Gilboa and Marlatte (2017) [Ch 19]
 Gilboa and Moscovitch (2017) [Ch 19]
 Ginsburg and Jablonka (2021) [Ch17]
 Gisquet-Verrier and Delatour (2006) [Ch 19]
 Giurfa (2012, 2015) [Ch17]
 Giurfa and Sandoz (2012) [Ch17]
 Glascher, et al (2010) [Ch16]
 Glimcher and Fehr (2013) [Ch 19]
 Gold and Shadlen (2007) [Ch16]
 Goldman-Rakic (1987) [Ch 19]

Gould (1982) [Ch14]
 Grabenhorst, et al (2008) [Ch 19]
 Gray (1964) [Ch14]
 Gregory (1983) [Ch16]
 Griffiths (2008) [Ch14]
 Gunturkun and Bugnyar (2016) [Ch17]
 Gutnick, et al (2020) [Ch17]
 Haber and Knutson (2010) [Ch 19]
 Hailova, et al (2020) [Ch14]
 Hartley, et al (2014) [Ch 19]
 Hebb (1949) [Ch14]
 Heisenberg (2015) [Ch17]
 Henseler, et al (2011) [Ch 19]
 Heyes and Frith (2014) [Ch15]
 Heylighen (1992) [Ch15]
 Hills (2006, 2018) [Ch18]
 Hills and Dukas (2012) [Ch19]
 Hills, et al (2008) [Ch18]
 Hills, et al (2010) [Ch 19]
 Hills, et al (2012) [Ch 18,19]
 Hills, et al (2015) [Ch 19]
 Holland (2008) [Ch14]
 Holland and Rescorla (1975) [Ch15]
 Holland and Schiffino (2016) [Ch18]
 Izquierdo, et al (2004) [Ch 19]
 Jacob (1977) [Ch 19]
 Jacobs (2022) [Ch17]
 Jacobsen (1936) [Ch 19]
 Johnson-Laird (1983, 2010, 2013) [Ch15, 16]
 Jones and Powell (1970) [Ch 19]
 Kaas (1995) [Ch18]
 Kaas (2013, 2017) [Ch 18,19]
 Kaas et al (2022) [Ch18]
 Kahneman (2011) [Ch15]
 Kastner and Pinsk (2004) [Ch 19]
 Keiflin and Janak (2015) [Ch 19]
 Keller (1973) [Ch14,15]
 Kelley and Jacoby (1996) [Ch15]
 Kennerley and Wallis (2009) [Ch 19]
 Kihlstrom (1987) [Ch15]
 Knudsen and Wallis (2021) [Ch 19]
 Koch, et al (2018) [Ch 19]
 Koehlin and Hyafil (2007) [Ch 19]
 Koriat (2007) [Ch15]
 Kosslyn and Koenig (1992) [Ch15]
 Lara, et al (2009) [Ch 19]
 Lashley (1950) [Ch14]
 Lau (2019) [Ch 19]
 Leal and Powell (2012) [Ch17]
 LeDoux (1982) [Ch 19]
 LeDoux (2019) [Ch15]
 LeDoux and Daw (2018) [Ch15,16]
 Lockwood, et al (2020) [Ch16]
 Lundqvist, et al (2021) [Ch15]
 Lyon (2015) [Ch17]
 Mackintosh (1963) [Ch14]
 MacLean (2016) [Ch18]
 Mandler (1975) [Ch15]
 Mandler (2002) [Ch14]
 Mannella, et al (2016) [Ch 19]
 Mansouri, et al (2017) [Ch 18,19]
 Martinez-Garcia, et al (2002) [Ch 19]
 McNamee and Wolpert (2019) [Ch16]
 Mehta (2015) [Ch 19]
 Melloni (2015) [Ch15]
 Mesulam (1998) [Ch 19]
 Metcalfe and Shimamura (1994) [Ch15]
 Michel (2020) [Ch15]
 Miller (1956) [Ch14]
 Miller (1962) [Ch15]
 Miller and Cohen (2001) [Ch 18,19]
 Miller, et al (1960) [Ch14,15]
 Miller, et al (2018) [Ch 19]

Milner (1954) [Ch14]
 Milner and Goodale (2006) [Ch 19]
 Milner, et al (1968) [Ch 19]
 Mishkin (1957) [Ch 19]
 Mishkin and Pribram (1955) [Ch 19]
 Mitchell (1997) [Ch16]
 Mizunami (2021) [Ch17]
 Moore (2004) [Ch17]
 Morris, et al (1982) [Ch 19]
 Moser, et al (2015) [Ch 19]
 Moser, et al (2017) [Ch 19]
 Muller and Kubie (1987) [Ch 19]
 Murray, et al (2017) [Ch 15,16,17,18,19]
 Muzio, et al (2011) [Ch17]
 Neisser (1967) [Ch14]
 Nelson and Narens (1990) [Ch15]
 Neubert, et al (2014) [Ch 19]
 Nevin (1973) [Ch14]
 Nisbett and Wilson (1977) [Ch15]
 Norman and Shallice (1986) [Ch15]
 Northcutt and Kaas (1995) [Ch 19]
 O'Doherty, et al (2001) [Ch 16,19]
 O'Doherty, et al (2007) [Ch16]
 O'Keefe and Dostrovsky (1971) [Ch15]
 O'Keefe and Nadel (1978) [Ch 15,19]
 Oberauer (2019) [Ch15]
 Otto, et al (2013) [Ch16]
 Packard and McGaugh (1996) [Ch 19]
 Pan, et al (2014) [Ch15]
 Papini (2006,2014) [Ch17]
 Papini (2008) [Ch15]
 Passingham (2021) [Ch 18,19]
 Passingham and Sakai (2004) [Ch 19]
 Passingham, et al (2017) [Ch 19]
 Penn, et al (2008) [Ch18]
 Pepperberg (2009) [Ch17]
 Perry, et al (2013) [Ch17]
 Pessoa, et al (2022) [Ch16]
 Petrides (2000) [Ch 19]
 Pfeiffer and Foster (2013) [Ch 19]
 Piaget (1923) [Ch14]
 Posner and Petersen (1990) [Ch 19]
 Postle (2006) [Ch 15,19]
 Premack and Woodruff (1978) [Ch15]
 Pretzer (2014) [Ch14]
 Preuss (1995) [Ch 18,19]
 Preuss (2007) [Ch18]
 Preuss (2011) [Ch 19]
 Preuss and Goldman Rakic (1991) [Ch 19]
 Preuss and Wise (2022) [Ch 19]
 Proust (2013) [Ch15]
 Ramnani and Owen (2004) [Ch 19]
 Read (2008) [Ch18]
 Reber (2018) [Ch17]
 Reber, et al (2012) [Ch15]
 Redshaw and Suddendorf (2020) [Ch18]
 Reiner (2009) [Ch 19]
 Rescorla (1974) [Ch15]
 Rescorla (1988) [Ch14]
 Rhodes and Murray (2013) [Ch 19]
 Ritchey, et al (2015) [Ch 19]
 Rolls (1996, 2005, 2019) [Ch 19]
 Romanski (2004) [Ch 19]
 Romanski and Goldman-Rakic (2002) [Ch 19]
 Romanski, et al (1999) [Ch 19]
 Rosati (2017) [Ch18]
 Ross et al (2013) [Ch 19]
 Roth (2013) [Ch18]
 Roth, et al (2019) [Ch17]
 Rudebeck and Izquierdo (2022) [Ch17,18,19]
 Rudy and Sutherland (1989) [Ch 19]
 Rushworth and Behrens (2008) [Ch16]
 Rushworth, et al (2011) [Ch 19]

Salena, et al (2021) [Ch17]
 Sallet, et al (2013) [Ch 19]
 Schacter and Addis (2007) [Ch 18,19]
 Schoenbaum, et al (2011) [Ch 19]
 Schultz (2017) [Ch18]
 Scolari, et al (2015) [Ch 19]
 Scoville and Milner (1957) [Ch14]
 Seed and Tomasello (2010) [Ch18]
 Semendeferi et al, (2011) [Ch 19]
 Semendeferi, et al (1997) [Ch 19]
 Seth (2019) [Ch15]
 Sharpe, et al (2019) [Ch 19]
 Shea and Frith (2017, 2019) [Ch15]
 Shea, et al (2014) [Ch15]
 Sherwood, et al (2003) [Ch 19]
 Sherwood, et al (2008) [Ch18]
 Shettleworth (2009, 2010) [Ch18]
 Simmler and Ozawa (2019) [Ch 19]
 Skinner (1957) [Ch14]
 Smaers, et al (2017) [Ch 19]
 Squire (1987) [Ch14]
 Stone et al (2017) [Ch 17]
 Strick, et al (2011) [Ch15]
 Striedter (2005) [Ch 19]
 Striedter and Northcutt (2020) [Ch 19]
 Suboski (1992) [Ch17]
 Suddendorf (2013, 2022) [Ch18]
 Suddendorf and Corballis (2007,2010) [Ch18]
 Suddendorf, et al (2018) [Ch18]
 Sutton and Barto (1998) [Ch16]
 Thorndike (1889) [Ch14]
 Timberlake, et al (1987) [Ch18]
 Todd and Hills (2020) [Ch 18,19]
 Todd and Hills (2020) [Ch18]
 Tolman (1932) [Ch14]
 Tolman (1948) [Ch14,15,16]
 Tolman (1949a, 1949b) [Ch14, 19]
 Tomasello (2018) [Ch15]
 Tomasello and Call (1997) [Ch15]
 Tomasello and Rakoczy (2003) [Ch18]
 Tramacere and Allen (2022) [Ch 19]
 Trubutschek, et al (2017) [Ch15]
 Trubutschek, et al (2019) [Ch15]
 Tsutsui, et al (2016) [Ch 19]
 Tucker and Luu (2021) [Ch15]
 Tulving (1972) [Ch15]
 Tulving (1985) [Ch15]
 Tulving (2001) [Ch18]
 Turner and Parkes (2020) [Ch 19]
 Ungerleider and Mishkin (1982) [Ch 19]
 van den Heuvel, et al (2019) [Ch 19]
 van Ede, et al (2020) [Ch 19]
 Van Gulick (2014) [Ch15]
 Vasconcelos, et al (2012) [Ch17]
 Volman, et al (2011) [Ch 19]
 Wallis (2012) [Ch 19]
 Wallis (2019) [Ch 16,19]
 Wang and Morris (2010) [Ch 19]
 Wason and Evans (1974) [Ch15]
 Wise (2008) [Ch 19]
 Wunderlich, et al (2012) [Ch16]
 Xu, et al (2022) [Ch 19]
 Yeterian, et al (2012) [Ch 19]

PART 5: Conscious Realm

Alberini and LeDoux (2013) [Ch26]
 Alderson-Day and Fernyhough (2015) [Ch26]
 Arbib (2012) [Ch26]
 Atmanspacher (2020) [Ch20]
 Baars (1988) [Ch21]
 Baars (1997) [Ch26]
 Baars (2005) [Ch21]
 Baddeley (2000) [Ch26]

Baddeley, et al (2011) [Ch26]
 Bang and Fleming (2018) [Ch22]
 Bang et al (2020) [Ch 23]
 Barack and Krakauer (2021) [Ch22]
 Baron-Cohen, et al (1985) [Ch23]
 Barrett (2017) [Ch 23,24,26]
 Barrett and Russell (2015) [Ch24]
 Barrett and Simmons (2015) [Ch22]
 Barthes (1986) [Ch 26]
 Bayne (2018) [Ch20, Ch26]
 Behrendt (2013) [Ch22]
 Bechtel W (2022) [Ch20]
 Bekoff (2000) [Ch25]
 Binder and Desai (2011) [Ch23]
 Birch (2023) [Ch 25]
 Birch et al (2020) [Ch25]
 Block (1995, 2002, 2007) [Ch21]
 Block (2011) [Ch26]
 Blouw et al (2016) [Ch21]
 Blumenfeld (2021) [Ch21]
 Blumenfeld and Ranganath (2019) [Ch23]
 Boorman et al (2009) [Ch24]
 Bor et al (2018) [Ch21,Ch22]
 Bor, et al (2017) [Ch21]
 Bortolotti (2018) [Ch26]
 Bramson et al (2020) [Ch24]
 Bramson, et al (2020b) [Ch22]
 Brick, et al (2021) [Ch20]
 Broniak (1996) [Ch24]
 Brown (2015) [Ch21, Ch22]
 Brown and LeDoux (2020) [Ch21]
 Brown, et al (2019) [Ch21, Ch22]
 Browning and Birch (2022) [Ch 25]
 Bruner (1987) [Ch20, Ch26]
 Bruner (1994) [Ch26]
 Bruner and Postman (1949) [Ch22]
 Buckner and Carroll (2007) [Ch23]
 Budson, et al (in press) [Ch23]
 Bulley, et al (2017) [Ch23]
 Burgess, et al (2007) [Ch23]
 Burgess, et al (2022) [Ch23]
 Burghardt (1991) [Ch25]
 Butler and Hodos (2005) [Ch25]
 Buzsáki (2022) [Ch23]
 Camos (2017) [Ch26]
 Campbell (1974) [Ch26]
 Carnap (1934) [Ch20]
 Caruso (2012) [Ch26]
 Chalmers (1996) [Ch20]
 Chalmers (2006) [Ch2]
 Chalmers (2022) [Ch20]
 Chalmers (20230) [Ch 26]
 Cheng, et al (2016) [Ch23]
 Chittka (2022) [Ch 25]
 Churchland (1984) [Ch20]
 Churchland (1988) [Ch20]
 Cisek (2019) [Ch22]
 Cisek (2022) [Ch22]
 Clark (2000) [Ch24]
 Clark (2013) [Ch22]
 Clayton, et al (2001) [Ch23]
 Cleeremans (2008) [Ch21, Ch24]
 Cleeremans, et al (2020) [Ch21, Ch22]
 Clore and Ortony (2013) [Ch24]
 Cocchi, et al (2013) [Ch23]
 Cohen and Squire (1980) [Ch23]
 Cole (2020) [Ch26]
 Conway (2009) [Ch23]
 Cooper (1992) [Ch20]
 Corballis (2014) [Ch26]
 Cowan (1995) [Ch22, Ch26]
 Crick (1994) [Ch26]
 Crick and Koch (1990,1992,1995,1998) [Ch21]

Crivelli and Balconi (2017) [Ch26]
 Crump and Birch (2021) [Ch 25]
 Cruz et al (2022) [Ch22]
 D'Argembeau and Salmon (2012) [Ch23]
 Dafni-Merom and Arzy (2020) [Ch23]
 Damasio (1994,1999) [Ch21, Ch23, Ch24]
 Damasio, et al (1994) [Ch23]
 Dang, et al (2020) [Ch26]
 Darwin (1871) [Ch25]
 Dawkins (1976) [Ch26]
 de Brigard (2014) [Ch23]
 de Brigard et al (2017) [Ch23]
 de Waal (1999) [Ch25]
 Dehaene and Changeux (2004) [Ch21, Ch25]
 Dehaene and Changeux (2011) [Ch21]
 Dehaene and Naccache (2001) [Ch21]
 Dehaene, et al (2001,2014) [Ch21]
 Dehaene, et al (2003) [Ch25]
 Dehaene, et al (2011) [Ch22]
 Dehaene, et al (2017) [Ch21, Ch25]
 Dehaene, et al (2022) [Ch24]
 Dennett (1991) [Ch25, Ch26]
 Dennett (1997) [Ch20]
 Descartes (1637) [Ch25]
 Dienes (2008) [Ch24]
 Dijkstra, et al (2022) [Ch21, Ch22, Ch23, Ch26]
 Ding et al (2020) [Ch23]
 Dodds (2018) [Ch24]
 Duff et al (2020) [Ch23]
 Edelman (1989) [Ch21, Ch22]
 Einstein and Flanagan (2003) [Ch26]
 Ekman (1992) [Ch24]
 Epstein and Baker (2019) [Ch22]
 Ericsson and Simon (1980) [Ch25]
 Fanselow and Pennington (2017) [Ch24]
 Fanselow and Pennington (2018) [Ch20]
 Farovik, et al (2015) [Ch22]
 Feinberg (2001) [Ch23]
 Fernyhough (2013) [Ch26]
 Fernyhough and Meins (2009) [Ch26]
 Ferretti, et al (2017) [Ch26]
 Festinger (1957) [Ch24]
 Fine and Hayden (2022) [Ch26]
 Fireman, et al (2003) [Ch26]
 Fiske (2020) [Ch26]
 Flanagan (1991) [Ch20]
 Flanagan (2021) [Ch24]
 Fleming (2020) [Ch21, Ch24, Ch25, Ch26]
 Fleming (2021) [Ch23, Ch24]
 Fleming and Daw (2017) [Ch21]
 Fleming and Dolan (2012) [Ch22]
 Fleming and Lau (2014) [Ch21]
 Fleming, et al (2010,2012) [Ch21]
 Fleming, et al (2014) [Ch22, Ch23]
 Fleming, et al (2018) [Ch22, Ch23]
 Fletcher and Gaines (2021) [Ch20]
 Fodor (1975) [Ch26]
 Fox, et al (2005,2015) [Ch23]
 Freeman (2003) [Ch26]
 Frijda (1986) [Ch24]
 Friston and Frith (2015) [Ch22]
 Frith (2007) [Ch22]
 Frith (2008) [Ch24]
 Frith and Frith (2005) [Ch23]
 Frith and Frith (2007,2022) [Ch24]
 Frith, et al (1999) [Ch21, Ch25]
 Gallagher and Zahavi (2021) [Ch24]
 Garrett (2006) [Ch20]
 Gazzaniga (1985) [Ch21, Ch26]
 Gazzaniga (2012) [Ch26]
 Gazzaniga (2015) [Ch21]
 Gazzaniga and LeDoux (1978) [Ch26]
 Gendler (2008) [Ch24]
 Gershman (2019) [Ch21]
 Gilboa and Marlatte (2017) [Ch22, Ch23]
 Gilboa, et al (2006) [Ch26]
 Girn and Christoff (2019) [Ch24]
 Godfrey-Smith (2016, 2020) (Ch 25)
 Gottschall (2013) [Ch26]
 Graf and Schacter (1985) [Ch23]
 Graziano (2020) [Ch21]
 Graziano (2021) [Ch21, Ch23]
 Griffin (2001) [Ch25]
 Haggard (2017) [Ch26]
 Hailova, et al (2020) [Ch26]
 Happé F, Frith (2020) [Ch24]
 Hameroff (1998) [Ch20]
 Hatfield (2018) [Ch20]
 He et al (2018) [Ch21]
 Heyes, et al (2020) [Ch24]
 Hearne, et al (2015) [Ch23]
 Hering (1870) [Ch22]
 Herzog, et al (2020) [Ch22, Ch26]
 Heyes (1995,2008) [Ch25]
 Heyes et al. (2020) [Ch 24]
 Heylighen (1992) [Ch24]
 Hobson (1999) [Ch26]
 Hofmann and Doan (2018) [Ch 26]
 Hugdahl (1981) [Ch24]
 Hutto (2007) [Ch26]
 Irish, et al (2012) [Ch23]
 Ivanov and Schwartz (2018) [Ch21]
 Ivanov and Schwartz (2021) [Ch21]
 Izard (1992) [Ch24]
 Jackson et al (2019) [Ch 26]
 James (1890) [Ch20, Ch24]
 Jarrett (2020) [Ch20]
 Jaynes (1976) [Ch26]
 Johnson (1992) [Ch26]
 Kaas (2013,2017) [Ch25]
 Kaas and Herculano-Houzel (2017) [Ch25]
 Kahneman (2011) [Ch20]
 Karklin and Lewicki (2005) [Ch24]
 Keller (1973) [Ch25]
 Kelley (1992) [Ch20]
 Kennedy (1992) [Ch25]
 Key (2015) [Ch25]
 Kiani et al (2014) [Ch 23]
 Klein (2015) [Ch21, Ch24]
 Knoll (1997) [Ch25]
 Koban, et al (2021) [Ch23]
 Koch (2004) [Ch21]
 Koch (2019) [Ch20, Ch21]
 Koch (2020) [Ch20]
 Koch and Tsuchiya (2007) [Ch25]
 Koch et al (2018) [Ch24]
 Koehlin (2011) [Ch23]
 Koriat (2007) [Ch24]
 Kováč (2008) [Ch26]
 Krakauer, et al (2017) [Ch20]
 Kriegel (2004) [Ch24]
 Lamme (2006,2015) [Ch21]
 Lamme (2020) [Ch22]
 Lane (2012) [Ch24]
 Lang (1969) [Ch24]
 Lau (2019) [Ch21, Ch22, Ch23]
 Lau (2019) [Ch26]
 Lau and Brown (2019) [Ch22]
 Lau and Michel (2019) [Ch20, Ch26]
 Lau and Passingham (2006) [Ch21]
 Lau and Rosenthal (2011) [Ch21, Ch22]
 Lau et al (2022) [Ch21, Ch22]
 Lau, et al (in press) [Ch24]
 Laureys (2005) [Ch21]
 Laureys et al (2015) [Ch21]
 LeCun, et al (2015) [Ch24]
 LeDoux and Lau (2020,2022) [Ch21]
 LeDoux (1987,1995,1996,2000,2002) [Ch26]
 LeDoux (2008) [Ch24, Ch26]
 LeDoux (2012) [Ch24, Ch26]
 LeDoux (2014) [Ch24]
 LeDoux (2015) [Ch23, Ch24, Ch25, Ch26]
 LeDoux (2017) [Ch20, Ch23]
 LeDoux (2019) [Ch21, Ch22, Ch23, Ch24, Ch25, Ch26]
 LeDoux (2020a) [Ch21, Ch22, Ch23, Ch24]
 LeDoux (2020b) [Ch21, Ch22, Ch23]
 LeDoux (2021) [Ch21, Ch22, Ch24, Ch25]
 LeDoux (2022) [Ch21, Ch22, Ch23, Ch24, Ch25]
 LeDoux and Brown (2017) [Ch21, Ch22, Ch23, Ch24]
 LeDoux and Hofmann (2018) [Ch21]
 LeDoux and Lau (2020) [Ch21, Ch22, Ch23, Ch24]
 LeDoux and Pine (2016) [Ch21, Ch24]
 LeDoux, et al (2018) [Ch21]
 LeDoux, et al (2020) [Ch21]
 Lenormand and Piolino (2022) [Ch23]
 Levinson et al (2021) [Ch21]
 Lewis (2014) [Ch25]
 Lindquist and Barrett (2008) [Ch24]
 Lindquist, et al (2013) [Ch24]
 Lindquist, et al (2015) [Ch24]
 Loftus (1991) [Ch23]
 Lotka (1925) [Ch26]
 Lysaker and Lysaker (2002) [Ch26]
 MacIntyre (1984) [Ch26]
 Malach (2021) [Ch21, Ch22, Ch24]
 Mangan (1993) [Ch20, Ch24]
 Mangan (1999,2003) [Ch24]
 Maniscalco and Lau (2012) [Ch21]
 Markus and Kitayama (1991) [Ch 26]
 Marty (2009) [Ch 25]
 Marx (1951) [Ch20]
 Mazar, et al (2019) [Ch22]
 McKenzie, et al (2013) [Ch22]
 Mei, et al (2022) [Ch24]
 Merker (2007) [Ch21, Ch22, Ch25]
 Merleau-Ponty (1964) [Ch20]
 Mesquita (2022) [Ch 26]
 Mesquita, et al (2016) [Ch24. 26]
 Metcalfe and Son (2012) [Ch21, Ch23, Ch24]
 Metzinger (2003) [Ch21]
 Michel and Doerig (submitted) [Ch21, Ch22, Ch26]
 Michel and Lau (2020) [Ch20]
 Michel and Morales (2020) [Ch21, Ch22]
 Michel, et al (2019) [Ch20]
 Milliere and Newen (2022) [Ch23]
 Min, et al (2022) [Ch23]
 Mitchell (2018) [Ch26]
 Miyamoto, et al (2021) [Ch23]
 Morales (2023) [Ch22, Ch 26]
 Morales et al (2018) [Ch21, Ch22]
 Morales, et al (2019) [Ch21]
 Morin (2009) [Ch26]
 Moruzzi and Magoun (1949) [Ch21]
 Moscovitch (1992) [Ch23]
 Moscovitch et al (2006) [Ch23]
 Mowrer (1960) [Ch25]
 Murray, et al (2017) [Ch22,23, Ch25]
 Naccache (2018) [Ch21]
 Naccache and Dehaene (2007) [Ch25]
 Nadel and Peterson (2013) [Ch23]
 Nader (2015) [Ch26]
 Nagel (1974) [Ch20]
 Nagel et al (2011) [Ch22]
 Nahmias (2002) [Ch25]
 Nieder (2022) [Ch 25]
 Nisbett and Wilson (1977) [Ch 26]
 Northoff and Bermphol (2004) [Ch23]
 Northoff, et al (2011) [Ch23]
 Nussbaum (2018) [Ch 25]

O'Keefe (1985) [Ch22]
 Odegaard, et al (2017) [Ch21, Ch22]
 Odegaard, et al (2018) [Ch21]
 O'Keefe (1985) [Ch22]
 Okuda, et al (2003) [Ch23]
 Olds (1956) [Ch25]
 Oppenheimer (2008) [Ch24]
 Ortony, et al (1988) [Ch24, Ch 26]
 Orulv and Hyden (2006) [Ch26]
 Pace-Schott (2013) [Ch26]
 Panagiotaropoulos, et al (2020) [Ch21, Ch23]
 Panksepp (1998) [Ch21, Ch23, Ch24, Ch25]
 Panksepp and Biven (2012) [Ch21, Ch23]
 Papineau (2022) [Ch24]
 Passingham (2021) [Ch25]
 Penn, et al (2008) [Ch25]
 Penrose (1989) [Ch20]
 Pereira, et al (2022) [Ch22]
 Pessoa, et al (2022) [Ch22]
 Pine, et al (2021) [Ch23]
 Place (1956) [Ch20]
 Plum and Posner (1966) [Ch21]
 Postle (2016) [Ch22]
 Povinelli and Prince (1998) [Ch25]
 Povinelli, et al (2000) [Ch25]
 Premack and Woodruff (1978) [Ch23]
 Preuss (1995,2007,2011) [Ch25]
 Proust (2013) [Ch24]
 Quilty-Dunn et al (in press) [Ch 26]
 Raichle (2015) [Ch23]
 Reber (1967,1989) [Ch24]
 Reber (2019) [Ch 25]
 Reber, et al (2004) [Ch24]
 Renoult, et al (2019) [Ch23]
 Rescorla (2019) [Ch26]
 Rieckmann, et al (2012) [Ch22]
 Ritchey, et al (2015) [Ch23]
 Robin and Moscovitch (2017) [Ch23]
 Rolls (2008) [Ch26]
 Rolls (2022) [Ch23]
 Rose (2005) [Ch20, Ch26]
 Rosenthal (2005) [Ch21, Ch25]
 Rosenthal (2008,2019) [Ch21]
 Rosenthal and Weisberg (2008) [Ch21]
 Roth (2013) [Ch25]
 Rounis (2012) [Ch21]
 Rounis, et al (2010) [Ch21,Ch22]
 Ruby, et al (2018) [Ch21,Ch22]
 Russell (1927) [Ch25]
 Russell (2003) [Ch23]
 Ryle (1949) [Ch20]
 Satpute and Lindquist (2019) [Ch24]
 Saxe, et al (2021) [Ch24]
 Schachter and Singer (1962) [Ch24]
 Schacter (2001) [Ch23]
 Schacter and Addis (2007,2020) [Ch23]
 Schacter, et al (2008,2015) [Ch23]
 Scherer (1984) [Ch24]
 Schneider (2011) [Ch26]
 Schroder, et al (2013) [Ch21]
 Searle (1980) [Ch26]
 Semendeferi, et al (2011) [Ch25]
 Sergent (2018) [Ch21]
 Sergent and Dehaene (2005) [Ch21]
 Sergent and Rees (2007) [Ch25]
 Sergent et al (2021) [Ch21]
 Seth (2021) [Ch20, Ch22]
 Seth, et al (2008) [Ch21]
 Shallice (1988) [Ch21]
 Shaver et al (2008) [Ch21]
 Shea and Frith (2019) [Ch21]
 Shea, et al (2014) [Ch23,24]
 Shekhar and Rahnev (2018) [Ch21,Ch22]
 Sherman and Usrey (2021) [Ch22]
 Shettleworth (2010) [Ch25]
 Shimamura (1995) [Ch23]
 Shugg (1968) [Ch25]
 Smart (1959) [Ch20]
 Solms (2021) [Ch22]
 Sonuga-Barke and Castellanos (2007) [Ch23]
 Soon, et al (2008) [Ch23]
 Sperduti et al (2011) [Ch26]
 Sperling (1960) [Ch26]
 Spitzer, et al (2017) [Ch26]
 Squire (1987) [Ch23]
 Stapp (1993) [Ch20]
 Striedter and Northcutt (2020) [Ch25]
 Stuss and Benson (1986) [Ch23]
 Suddendorf (2013) [Ch25]
 Suddendorf and Corballis (1997) [Ch 23]
 Suddendorf and Corballis (2010) [Ch25]
 Suddendorf, et al (2009) [Ch26]
 Suzuki (2022) [Ch21,Ch22]
 Takeuchi, et al (2022) [Ch22]
 Taschereau-Dumouchel, et al (2022) [Ch21, Ch24]
 Thompson and Madigan (2005) [Ch22]
 Tomasello (2008) [Ch26]
 Tononi (2012) [Ch20]
 Tononi and Koch (2015) [Ch20, Ch21]
 Tsuchiya, et al (2016) [Ch20]
 Tulving (1983,1985,2002,2005) [Ch23]
 Turing (1950) [Ch26]
 Tye (2021) [Ch24]
 Vaccaro and Fleming (2018) [Ch21,Ch22]
 van Kesteren, et al (2010) [Ch22]
 Vandekerckhove (2021) [Ch 25]
 Vandekerckhove and Panksepp (2011) [Ch21, Ch24,Ch25]
 Vandekerckhove and Panksepp (,2014) [Ch21, Ch24, Ch25]
 Vernet, et al (2019) [Ch21]
 Vygotsky (1934/1987) [Ch26]
 Wallace, et al (2011) [Ch22]
 Watanabe (2021) [Ch21]
 Waterhouse (2007) [Ch26]
 Watt (2000) [Ch25]
 Wearing (2005) [Ch26]
 Weilhhammer, et al (2021) [Ch21]
 Weiskrantz (1997) [Ch25]
 Wheeler (1997) [Ch23]
 Wierzbicka (1994) [Ch26]
 Wilson (1994) [Ch25]
 Winkelman, et al (2015) [Ch24]
 Winsler, et al (2009) [Ch26]
 Zamani, et al (2022) [Ch22, Ch24]
 Zeidman and Maguire (2016) [Ch22]
 Zeithamova, et al (2019) [Ch22]
 Zeman (2001) [Ch21]
 Zerilli (2022) [Ch20]