1. Tursky Award Winner

2. Tursky Award Winner

3. Tursky Award Winner

4. Caffeine reduces the affect startle effect
   Ottmar V. Lipp & Pearl Y. Martin
   University of Queensland

5. Don’t look back to anger: Inhibited to return to emotion
   Naz Derakshan¹, Moshe Feldman¹, Tom Campbell², & Ottmar Lipp³
   ¹University of Leeds, ²Cognitive and Brain Sciences Unit, Finland, ³University of Queensland

6. The effects of music presence and pacing on listener physiological arousal
   Robert F. Potter, Francesca Carpentier, Jinhee Kim, Jinmyung Choi, & Hong-sik Yu
   University of Alabama, Tuscaloosa

7. Increased memory for structurally complex radio messages: Could arousal be the mechanism?
   Robert F. Potter, Jinmyung Choi, Hong-sik Yu, Jinhee Kim, & Francesca Carpentier
   University of Alabama, Tuscaloosa

8. The role of self-relevance in arousal elicited by anti-drug PSAs in adolescents and college students
   Annie Lang, T. Makana Chock, Mija Shin, Yongkuk Chung, Seungwhan Lee, & Samuel D. Bradley
   Indiana University
9. Processing anti-drug public service announcements: Production pacing, arousing content, and adolescence
   Annie Lang, Yongkuk Chung, Seungwhan Lee, Nancy Schwartz, & Mija Shin
   Indiana University

10. Fear factor: The effect of imagery in high fear radio public service announcements
    Paul D. Bolls & Katie Clark
    Washington State University

11. Effects of text and animated graphics in television news stories on viewer attention, arousal and memory
    Julia R. Fox¹, Annie Lang¹, Yongkuk Chung¹, Seungwhan Lee¹, Nancy Schwartz¹, Leah Haverhals¹, Zheng Wang¹, Samuel D. Bradley¹, & Deborah Potter²
    ¹Indiana University, ²NewsLab

12. Feeling-of-knowing and feeling-of-not-knowing: An event-related fMRI study on metamemory
    Jing Luo¹, Kazuhisa Niki², & Yue-Jia Luo¹
    ¹Institute of Psychology, Chinese Academy of Sciences, ²Neuroscience Research Institute, AIST

13. Comparison of baroreflex sensitivity estimates from inter-systolic interval and ECG R-spike
    G.A. Reyes del Paso, J.A. Hernández, & M.I. González
    Universidad de Jaén

14. Cardiovascular reactivity in college students with physical symptoms
    Karen S. Quigley¹ & Melissa D. Olivadoti²
    ¹University of Medicine & Dentistry of New Jersey, ²Pennsylvania State University
15. Noncontact assessment of cardiovascular activity using laser Doppler vibrometry
John W. Rohrbaugh¹, Robert R. Rice², Erik J. Sirevaag¹, & Andrew H. Ryan³
¹Washington University School of Medicine, ²The Boeing Company, ³Department of Defense Polygraph Institute

16. Parsing effects of affective stimulus content on startle reflex modulation in men
Edward Bernat, Christopher J. Patrick, Stephen Benning, Daniel Blonigen, & Brian Hicks
University of Minnesota

17. Effects of affective content and intensity on startle blink and ERP in women
Edward Bernat, Christopher Patrick, Benjamin Steffen, & Sarah Sass
University of Minnesota

18. Effects of negative affective priming and physiological reactivity on laboratory aggression
Edelyn Verona & Michele Pole
Kent State University

19. Reduced P300 and externalizing: Evidence for genetic mediation
Christopher Patrick, Stephen M. Malone, Edward Bernat, Brian Hicks, Robert Krueger, & William G. Iacono
University of Minnesota

20. Linear and nonlinear effects of smoking/nicotine on human EEG assessed using dense-array technology
Estate M. Sokhadze¹, Michael E. Houlihan², Walter S. Pritchard³, Thomas D. Guy³, & John H. Robinson³
¹Wake Forest University School of Medicine, ²Arcadia University, ³R. J. Reynolds Tobacco Co.
21. Effects of smoking/nicotine and response complexity on ERPs
Estate M. Sokhadze¹, Michael E. Houlihan², Walter S. Pritchard³,¹, Thomas D. Guy³, & John H. Robinson³,¹
¹Wake Forest University-School of Medicine, ²Arcadia University, ³R. J. Reynolds Tobacco Co.

22. Countermeasures (CMs) to P300-based detection of deception
J. Peter Rosenfeld, Matthew Soskins, Joanna Blackburn, & Ann Mary Robertson
Northwestern University

23. Response-specific scalp distributions in deception detection and ERP correlates of psychopathy
Antoinette Reinhart Miller¹ & J. Peter Rosenfeld²
¹Clayton College & State University, ²Northwestern University

24. Alcohol & the Stroop task: Examining the role of cognitive control
John J. Curtin & Brad A. Fairchild
University of Wisconsin-Madison

25. Alcohol and error related negativity: A test of the response conflict resolution theory
John J. Curtin, Brad A. Fairchild, & Daniel A. Green
University of Wisconsin-Madison

26. Cortical source analysis of ERP of individual participants in psychophysiological experiments
John E. Richards
University of South Carolina

27. Effects of medial temporal lobe excisions on novelty P3 amplitude and scalp distribution
David Friedman¹, Doreen Nessler¹, & Marla Hamberger²
¹New York Psychiatric Institute, ²Epilepsy Center, Neurological Institute
28. The effect of cross-modal repetition on the novelty P3
Yael M. Cycowicz, David Friedman, & Isabel Dziobek
New York Psychiatric Institute

29. ERPs reflecting problem difficulty in an arithmetic task
M. Isabel Nuñez & M. Luisa Honrubia
University of Barcelona

30. Evaluation of the dependencies between emotional and bioelectrical immaturity in military pilot candidates
Janina Maciejczyk, Stanislaw Dec, & Jan Miszczak
Polish Air Force Institute of Aviation Medicine

31. Memory encoding failure in Alzheimer’s disease: Neurobiological evidence
Judith M. Ford, Jessica Lee, Jennifer Keller, & Nusha Askari
Stanford University

32. Sex differences in ERP measures of attentional resources
Frances Martin & Kristy Draper
University of Tasmania

33. Selective improvements in multiple task performance: Event-related brain potentials dissociate practice from time pressure effects
Joerg Sangals, Werner Sommer, & Maria Wilwer
Humboldt University-Berlin

34. On the reasons of response slowing in Parkinson’s disease
Michael Falkenstein¹, Joerg Hoormann¹, Joachim Hohnsbein¹, & Horst Hielscher²
¹Leibniz Research Center for the Working Environment & Human Factors, ²City Hospital, Gelsenkirchen
35. Distraction by irrelevant visual information in Parkinson’s disease: Behavioral and ERP evidence
   Joachim Hohnsbein¹, Joerg Hoormann¹, Horst Hielscher², & Michael Falkenstein¹
   ¹Leibniz Research Center for the Working Environment & Human Factors, ²City Hospital, Gelsenkirchen

36. Using ERPs to investigate how hunger selectively influences food evaluations
   Stephen L. Crites, Jr.¹, Dora Isable Lozano², & Shelley N. Aikman-Eckenrode¹
   ¹University of Texas at El Paso, ²University of Southern California

37. Effects of alcohol intoxication on social information processing
   Bruce D. Bartholow¹, Melanie Pearson², Gabriele Gratton³, & Monica Fabiani³
   ¹University of North Carolina at Chapel Hill, ²University of Missouri-Columbia, ³University of Illinois at Urbana-Champaign

38. The functional localization of the lateralized readiness potential
   Hiroaki Masaki¹, Nele Wild-Wall², Joerg Sangals², & Werner Sommer²
   ¹Japan Society for the Promotion of Science, ²Humboldt University

39. P300 source localization using lead-field modeling and focused inversion
   Kevin M. Spencer¹, David Weinstein², Margaret A. Niznikiewicz¹, & Robert W. McCarley¹
   ¹Harvard Medical School/VA Boston Healthcare System, ²University of Utah

40. Effects of repetition priming on induced gamma band responses in the human EEG
   T. Gruber & M.M. Müller
   University of Liverpool
41. Lower alpha activity differences between successful and unsuccessful performance in a motor task
J. Gualberto Cremades & Robert Castillo
Barry University

42. Omega-3 fatty acids reduce DBP at rest and during stress: Diet as a source of individual differences in stress reactivity
Sheila G. West & Penny M. Kris-Etherton
Pennsylvania State University

43. Effects of nicotine deprivation on event-related brain potentials in a Go/No-Go task
Andrey Anokhin & Angela Ralano
Washington University School of Medicine

44. 6-9 Hz EEG synchronization during cognitive processing at 8 months and 4 years
Martha Ann Bell & Christy Wolfe Collie
Virginia Polytechnic Institute & State University

45. Left or right button press versus silent count in tonal and phonetic oddball tasks: Current Source Density (CSD) ERPs and Principal Components Analysis (PCA)
Jürgen Kayser, Craig E. Tenke, Carlye B. Griggs, Stewart Shankman, & Gerard E. Bruder
New York State Psychiatric Institute

46. Anger dysregulation in married couples
Sybil Carrere¹, Dan Yoshimoto¹, John Schwab², Angela Mittmann³, Erica Woodin⁴, Amber Tabares¹, Kim Ryan⁵, Melissa Hawkins⁶, Stacey Prince¹, & John Gottman¹
¹University of Washington, ²Talaris Institute, ³University of California, Los Angeles, ⁴SUNY-Stony Brook, ⁵New College of Florida, ⁶University of Utah
47. On the automatic capture of attention by emotion: An event-related potential analysis
Harald T. Schupp\textsuperscript{1}, Jessica Stockburger\textsuperscript{1},
Markus Junghöfer\textsuperscript{2}, Almut I. Weike\textsuperscript{1}, &
Alfons O. Hamm\textsuperscript{1}
\textsuperscript{1}University of Greifswald, \textsuperscript{2}University of Konstanz

48. Repressors display cognitive avoidance and sympathetic inhibition during positive emotional events that threaten self-concept
Marilyn Mendolia, Gary A. Baker, & Mark C. Clayton
The University of Mississippi

49. Voluntarily performing certain facial muscular actions generates different patterns of facial EMG activities
Senqi Hu & Jennifer J. Conn
Humboldt State University

50. Frontal EEG asymmetry during sleep and its relation to affective style
Louis A. Schmidt\textsuperscript{1}, Kimberly A. Cote\textsuperscript{2},
Diane L. Santesso\textsuperscript{1}, & Catherine E. Milner\textsuperscript{2}
\textsuperscript{1}McMaster University, \textsuperscript{2}Brock University

51. Emotional reactivity during anticipation and perception of affective pictures
M. Carmen Pastor, Rosario Poy, Susana Montañés, M. Pilar Tormo, Pilar Segarra, Jaime Vila, & Javier Moltó
Jaume I University

52. Affective processing in patients with neurally mediated syncope
Daniela Palomba\textsuperscript{1}, Maurizio Codispoti\textsuperscript{1},
Pietro Cortelli\textsuperscript{2}, Giorgio Barletta\textsuperscript{3}, Giulia Pierangeli\textsuperscript{1}, & Giulia Buodo\textsuperscript{1}
\textsuperscript{1}University of Padova, \textsuperscript{2}University of Modena, \textsuperscript{3}University of Bologna
53. Individual physiological and psychological reactivity to environmental sounds
   Michael Vickroy¹, Michael T. Bergen¹, Harry L. Moore, Jr.², & Richard J. Servatius¹,³
   ¹Department of Veterans Affairs, ²TACOM-ARDEC, ³New Jersey School of Medicine

54. Event-related brain potentials within an extended affective/evaluative oddball paradigm
   Isabel B. da Fonseca¹, Armando M. de Oliveira², & Francisco R. Cardoso²
   ¹University of Lisbon, ²University of Coimbra

55. Content and context: Additional sources of variability in affective picture processing ERPs?
   F. Joseph McClernon
   Duke University & VA Medical Centers

56. Who’s on last: Pupil dilation and fMRI assessment of inhibition between cognitive and emotional processing in depressed and healthy individuals
   Greg J. Siegle, Stuart R. Steinhauer, Roma O. Konecky, Michael E. Thase, & Cameron S. Carter
   University of Pittsburgh

57. Noise characteristics and optimum filtering for EROS measurements
   Edward L. Maclin, Gabriele Gratton, & Monica Fabiani
   University of Illinois at Urbana-Champaign

58. A single relaxation session improves incidental visual memory
   Hartmut Schaechinger, Esmeralda Nava, & Daniela Landau
   University Hospital Basel
59. Language perception under concurrent task load
   Annette Neumann, Joerg Sangals, & Werner Sommer
   Humboldt University-Berlin

60. Differential activation of the thalamus during prepulse inhibition: A mixed-trial fMRI study
   Erin A. Hazlett, Monte S. Buchsbaum, & Cheuk Tang
   The Mount Sinai School of Medicine

61. Phantom hands and intermanual interference in nonamputated individuals: A fMRI-study
   Gebhard Sammer, Carlo Blecker, Peter Kirsch, & Dieter Vaitl
   University of Giessen

62. Effects of affective context information on auditory-visual integration as revealed by fMRI
   Gebhard Sammer, Susanne V. Frowein, Peter Kirsch, & Dieter Vaitl
   University of Giessen

63. Activation of the prefrontal cortex in adults with ADHD: An fMRI study
   Peter Kirsch, Sigrid Scholz, Gebhard Sammer, & Dieter Vaitl
   University of Giessen

64. A procedure for recording heart rate variability during functional magnetic resonance imaging
   Deane Aikins\textsuperscript{1,2}
   \textsuperscript{1}Yale University, \textsuperscript{2}National Center for PTSD

65. The contribution of reduced heart rate variability in panic disorder with and without nocturnal panic attacks
   Deane Aikins\textsuperscript{1,2} & Michelle Craske\textsuperscript{3}
   \textsuperscript{1}Yale University, \textsuperscript{2}National Center for PTSD, \textsuperscript{3}University of California, Los Angeles
66. Increased heart rate variability in nocturnal panic following cognitive behavioral therapy: Contributions from the mind and the body
Deane Aikins¹,² & Michelle Craske³
¹Yale University, ²National Center for PTSD, ³University of California, Los Angeles

67. The psychophysiological detection of concealed information: A comparison of written versus pictorial stimulus presentation on skin conductance response and phasic heart rate
Hans-Georg Rill¹, Heinz Werner Gödert¹, Gerhard Vossel¹, Anthony Busuttil², & Keith R. Ashcroft²
¹University of Mainz, ²University of Edinburgh

68. Phasic heart rate as an index in the Guilty Actions Test for the psychophysiological detection of concealed information
Heinz Werner Gödert¹, Hans-Georg Rill¹, Gerhard Vossel¹, Keith R. Ashcroft², & Anthony Busuttil²
¹University of Mainz, ²University of Edinburgh

69. An examination of various psychophysiological parameters for detecting concealed information
Keith R. Ashcroft¹, Matthias Gamer², Hans-Georg Rill², Heinz Werner Gödert², Gerhard Vossel², & Anthony Busuttil²
¹University of Edinburgh, ²University of Mainz

70. Different hypnotic suggestions of analgesia modulate the sensory-discriminative and the motivational-affective component of pain processing selectively
Thomas Weiss, Wolfgang H.R. Miltner, Ralf Trippe, Holger Hecht, Marc Friederich, & Tanja Scheler
Friedrich Schiller University, Jena
71. Central nervous activation to nociceptive stimulation in high susceptible subjects during hypnotic analgesia
   Thomas Weiss¹, Wolfgang H.R. Miltner¹, Carlo Blecker², Daniela Simon¹, Rudolf Stark², Holger Hecht¹, Ralf Trippe¹, & Dieter Vaitl²
   ¹Friedrich Schiller University, Jena, ²University of Giessen

72. Attention bias in phobics: Cortical and behavioral correlates
   Wolfgang H.R. Miltner, Silke Krieschel, Holger Hecht, Ralf Trippe, & Thomas Weiss
   Friedrich Schiller University, Jena

73. Effects of ambient odor administration on sleep quality, sleep duration, and post-sleep cognitive functioning and alertness
   Bryan Raudenbush, Jerrod Koon, Jeffrey Smith, & Phillip Zoladz
   Wheeling Jesuit University

74. Effects of odor administration on pain threshold, pain tolerance, physiological stress measurements, mood, workload, and anxiety
   Bryan Raudenbush¹, Jerrod Koon¹, Brian Meyer², & Nick Flower³
   ¹Wheeling Jesuit University, ²Appalachian State University, ³Northwood Health Systems

75. Examination of normalized pulse volume - blood volume relationship: Toward a more valid estimation of the finger vascular tone
   Gohichi Tanaka, Yukihiro Sawada, & Kenta Matsumura
   Sapporo Medical University

76. Phase-dependent heart rate change as an index for predictive timing of RT signals: A simulation study
   Riek J.M. Somsen¹, J. Richard Jennings², Maurits W. Van der Molen¹
   ¹University of Amsterdam, ²University of Pittsburgh
77. Reduced parasympathetic activity and decreased sympathovagal flexibility among healthy high-hostiles during emotional processing
   Heath A. Demaree¹, Jennifer L. Robinson¹, & D. Erik Everhart²
   ¹Case Western Reserve University, ²East Carolina University

78. Low alpha power (7.5-9.5Hz) changes during positive and negative emotion processing
   D. Erik Everhart¹, Jennifer L. Robinson², & Heath A. Demaree²
   ¹East Carolina University, ²Case Western Reserve University

79. Attention hypoarousal in nonsmokers with a family smoking history
   Steven L. Schandler, Nashla Feres, Ngoc Mai Wells, & Giovanna C. Nichola
   Chapman University

80. Increased response time enhances orienting and information processing in adult children of alcoholics
   Steven L. Schandler, Michael J. Cohen, Lindsey Velez, & Kathleen Turnbaugh
   Long Beach Veterans Affairs Health Care System

81. It’s not how much you do, but what you do: Physical activity and executive control in older adults
   University of Illinois at Urbana-Champaign

82. Emotion and motivated behavior: Postural adjustments to affective picture viewing
   Charles H. Hillman, Karl S. Rosengren, Darin P. Smith, & Jon P. Hudson
   University of Illinois at Urbana-Champaign
83. Physiological correlates of emotional processing through written disclosure
   Denise M. Sloan, Brian P. Marx, & Jose Soler-Baillo
   Temple University

84. Hypomanic tendencies predict lower startle magnitudes during pleasant pictures
   Steven K. Sutton & Sheri L. Johnson
   University of Miami

85. Evoked EEG coherence, event-related potentials and startle response reflect altered emotional information processing in MVA survivors with posttraumatic stress disorder (PTSD)
   Anke Karl¹, Katja Lämmerhirt¹, Denise Dörfel¹, Antje Erlebach¹, Ulrich Buhss¹, Hans Jürgen Volke¹, & Andreas Maercker²
   ¹University of Technology Dresden, ²University of Zürich

86. ANS activity in schizophrenics and normal controls during verbal working memory load
   Carsten Diener & Robert Olbrich
   Central Institute of Mental Health

87. Habituation and sensitization of psychophysiological reactivity to stress in men and women
   Robert M. Kelsey¹, Kathleen Soderlund², Carlotta M. Arthur³, & Sidney R. Ornduff¹
   ¹University of Tennessee, ²University of North Texas, ³Harvard School of Public Health

88. The relationship between facial skin surface temperature reactivity and traditional polygraph measures
   Dean A. Pollina¹, Ioannis Pavlidis², & Andrew H. Ryan¹
   ¹Department of Defense Polygraph Institute, ²Honeywell Corporation
89. Individual differences in the sleep onset process: ERP, EEG, and personality
   Kiwamu Yasuda, Kimberly A. Cote, & Laura Ray
   Brock University

90. Cardiac and cortisol reactivity of temperamentally exuberant children
   Kristin A. Buss
   University of Missouri-Columbia

91. Consideration of temperament and gender in the interpretation of physiologic data
   Nancy Snidman¹, Jerome Kagan¹, Sue Woodward¹, & Mark McManis²
   ¹Harvard University ²University of Texas at Houston

92. Relationships among 24-hour activity diary recordings, Holter monitor heart rate, and Actigraph activity monitoring
   Stephen M. Patterson¹, Jeffrey B. Vancouver¹, & David S. Krantz²
   ¹Ohio University, ²Uniformed Services University of the Health Sciences

93. Phase relationship between respiration and respiratory sinus arrhythmia varies as a function of respiration rate
   Nicholas D. Giardino, Leighton Chan, & Soo Borson
   University of Washington

94. The long and the short of it: Influence of inter-stimulus interval on auditory P300 abnormalities in schizophrenia
   Daniel H. Mathalon¹ & Judith M. Ford²
   ¹Yale University & VA Connecticut Health Care System, ²Stanford University & VA Palo Alto Health Care System
95. One-year longitudinal stability of the P50 event-related potential in schizophrenia patients and normal comparison subjects
   Cindy M. Yee, Sarah E. Morris, & Keith H. Nuechterlein
   University of California, Los Angeles

96. Reduction of MMN in the first few years of schizophrenia
   Dean Salisbury, Martha E. Shenton, & Robert W. McCarley
   Harvard Medical School, McLean Hospital

97. Is startle exaggerated in posttraumatic stress disorder?
   Mark W. Miller & Jennifer L. Greif
   Boston University/Boston VAMC

98. Flexibility of breathing regulation in high and low anxious persons
   Omer Van den Bergh, Ilse Van Diest, Karel P. Van de Woestijne, & Bruno Vandeputte
   University of Leuven