

DAFTAR PUSTAKA

- 1 Ganong, W. F. 2003. Buku Ajar Fisiologi Kedokteran (20 ed.). Jakarta: EGC. .
- 2 Balakrishnan G, Uppinakudru G, Girwar Singh G, Bangera S, Dutt Raghavendra A, Thangavel D. 2014. A Comparative study on Visual Choice Reaction Time for Different Colors in Females. *Neurol Res Int.* .
- 3 Chan AHS, Ng AWY. Finger response times to visual, auditory and tactile modality stimuli. *Lecture Notes in Engineering and Computer Science* 2012; **2196**: 1449–1454.
- 4 Prabhavathi K, Hemamalini R V., Kumar TG, Amalraj C, Maruthy KN, Saravanan A. A correlational study of visual and auditory reaction time with their academic performance among the first year medical students. *National Journal of Physiology, Pharmacy and Pharmacology* 2017; **7**: 371–374.
- 5 Kosinski, R. J. 2013, September. Clemson University. Retrieved Januari 18, 2015, from <http://biae.clemson.edu/bpc/bp/lab/110/reaction.htm>. .
- 6 Schlarb AA, Friedrich A. Sleep problems in university students-an intervention. 2017; : 1989–2001.
- 7 Olsen NL. Caffeine Consumption Habits and Perceptions among University of New Hampshire Students Caffeine Consumption Habits and Perceptions among University of New. 2013: 1-43. .
- 8 Cappelletti S, Daria P, Sani G, Aromatario M. Caffeine: Cognitive and Physical Performance Enhancer or Psychoactive Drug? *Current Neuropharmacology* 2014; **13**: 71–88.
- 9 Butt MS, Sultan MT. Coffee and its consumption: Benefits and risks. *Critical Reviews in Food Science and Nutrition*. 2011; **51**: 363–373.
- 10 Nieber K. The Impact of Coffee on Health Author Pharmacokinetics and Mode of Action Bioactive Components in Coffee. *Planta Med* 2017; **83**: 1256–1263.
- 11 McLellan TM, Caldwell JA, Lieberman HR. A review of caffeine's effects

- on cognitive, physical and occupational performance. *Neuroscience and Biobehavioral Reviews* 2016; **71**: 294–312.
- 12 Paula CSA, Alexandra Æ, Fernando RBSÆ, Assunc EN, Pereira OÆ, Barbosa MHN *et al.* Guarana (*Paullinia cupana* var . *sorbilis*), an anciently consumed stimulant from the Amazon rain forest : the seeded-fruit transcriptome. 2008; : 117–124.
- 13 Schimpl FC, Da Silva JF, Gonçalves JFDC, Mazzafera P. Guarana: Revisiting a highly caffeinated plant from the Amazon. *Journal of Ethnopharmacology* 2013; **150**: 14–31.
- 14 Guyton, A. C., Hall, J. E. 2014. *Buku Ajar Fisiologi Kedokteran. Edisi 12.* Jakarta : EGC, 1022. .
- 15 Schellack G. Caffeine: the ‘good’, the ‘bad’ and the ‘ugly’. *Prof Nurs Today* 2012; **16**: 10,12-14.
- 16 Lauralee S. Sistem Saraf Tepi: Divisi Aferen; Indra Khusus. In: *Introduction to Human Physiology*. Cengage Learning, 2013, pp 195–250.
- 17 Tortora GJ. Sensory, Motor, And Integrative Systems. In: *Principles of Anatomy & Physiology*. John Wiley and Sons Inc., 2012, pp 606–634.
- 18 Lauralee S. Sistem Saraf Pusat. In: *Introduction to Human Physiology*. Cengage Learning, 2013, pp 142–194.
- 19 Tortora GJ. Special Senses. In: *Principles of Anatomy & Physiology*. John Wiley and Sons Inc., 2012, pp 635–679.
- 20 John E H. Pengaturan Fungsi Motorik oleh Korteks dan Batang Otak. In: *Guyton dan Hall Buku Ajar Fisiologi Kedokteran*. 2011, pp 667–679.
- 21 Lauralee S. Fisiologi Otot. In: *Introduction to Human Physiology*. Cengage Learning, 2012, pp 273–320.
- 22 Fang JY, Davis TL. Reaction Time in Parkinson’s Disease. *The Curated Reference Collection in Neuroscience and Biobehavioral Psychology* 2017; : 16–18.
- 23 Beratis IN, Pavlou D, Papadimitriou E, Andronas N, Kontaxopoulou D, Fragkiadaki S *et al.* Mild Cognitive Impairment and driving: Does in-vehicle distraction affect driving performance? *Accident; analysis and*

- prevention* 2017; **103**: 148–155.
- 24 Draheim C, Mashburn CA, Martin JD, Engle RW. Reaction time in differential and developmental research: A review and commentary on the problems and alternatives. *Psychological bulletin* 2019; **145**: 508–535.
- 25 Shabir A, Hooton A, Tallis J, Higgins MF. The Influence of Caffeine Expectancies on Sport, Exercise, and Cognitive Performance. *Nutrients* 2018; **10**. doi:10.3390/NU10101528.
- 26 Shabir A, Hooton A, Spencer G, Storey M, Ensor O, Sandford L *et al*. The Influence of Caffeine Expectancies on Simulated Soccer Performance in Recreational Individuals. *Nutrients* 2019; **11**. doi:10.3390/NU11102289.
- 27 H S. Physics, ballistics, and psychology: a history of the chronoscope in/as context, 1845-1890. *History of psychology* 2005; **8**: 46–78.
- 28 Ginting AJW (1210172). Pengaruh Aromaterapi Minyak Lemon (Citrus limon (L.) Burm.f.) terhadap Waktu Reaksi Sederhana pada Wanita Dewasa. 2015.
- 29 Sembiring DTC (1210153). Pengaruh Pemberian Seduhan Teh Putih (Camellia sinensis L.) terhadap Waktu Reaksi Sederhana Laki-Laki Dewasa Muda. 2015.
- 30 Moustakas D, Mezzio M, Rodriguez BR, Constable MA, Mulligan ME, Voura EB. Guarana Provides Additional Stimulation over Caffeine Alone in the Planarian Model. *PLoS ONE* 2015; **10**. doi:10.1371/JOURNAL.PONE.0123310.
- 31 N S, AL A. Guarana's Journey from Regional Tonic to Aphrodisiac and Global Energy Drink. *Evidence-based complementary and alternative medicine : eCAM* 2010; **7**: 279–282.
- 32 Dulloo AG, Geissler CA, Collins A, Miller DS. Normal caffeine consumption: influence on thermogenesis and daily energy expenditure in lean and postobese human volunteers. *The American journal of clinical nutrition* 1989; **49**: 44–50.
- 33 Kennedy DO, Haskell CF, Robertson B, Reay J, Brewster-Maund C, Luedemann J *et al*. Improved cognitive performance and mental fatigue

- following a multi-vitamin and mineral supplement with added guaraná (Paullinia cupana). *Appetite* 2008; **50**: 506–513.
- 34 Baratloo A, Rouhipour A, Forouzanfar MM, Safari S, Amiri M, Negida A. The Role of Caffeine in Pain Management: A Brief Literature Review. *Anesthesiology and pain medicine* 2016; **6**. doi:10.5812/AAPM.33193.
- 35 Peixoto H, Roxo M, Röhrig T, Richling E, Wang X, Wink M. Anti-Aging and Antioxidant Potential of Paullinia cupana var. sorbilis: Findings in *Caenorhabditis elegans* Indicate a New Utilization for Roasted Seeds of Guarana. *Medicines (Basel, Switzerland)* 2017; **4**: 61.
- 36 Haskell CF, Kennedy DO, Wesnes KA, Milne AL, Scholey AB. A double-blind, placebo-controlled, multi-dose evaluation of the acute behavioural effects of guaraná in humans. *Journal of psychopharmacology (Oxford, England)* 2007; **21**: 65–70.
- 37 ITIS - Report: Paullinia cupana.
https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=506078#null.
- 38 I R, AJF D, AF O, IBM da C, EE R, M M *et al.* Protective effect of guarana-loaded liposomes on hemolytic activity. *Colloids and surfaces B, Biointerfaces* 2020; **187**. doi:10.1016/J.COLSURFB.2019.110636.
- 39 Lima N da S, Numata E de P, Mesquita LM de S, Dias PH, Vilegas W, Gambero A *et al.* Modulatory Effects of Guarana (Paullinia cupana) on Adipogenesis. *Nutrients* 2017; **9**. doi:10.3390/NU9060635.
- 40 RS A, ICA R, VA P, LBN C, GT B, MA C. Guarana (Paullinia cupana) consumption improves hepatic and renal parameters in alloxan-induced diabetic rats. *Nutricion hospitalaria* 2020; **37**: 343–348.
- 41 Pomportes L, Brisswalter J, Casini L, Hays A, Davranche K. Cognitive Performance Enhancement Induced by Caffeine, Carbohydrate and Guarana Mouth Rinsing during Submaximal Exercise. *Nutrients* 2017; **9**. doi:10.3390/NU9060589.
- 42 Aurelia V. Pengaruh Teh Hijau (*Camellia sinensis* (L .) Kuntze) Dibandingkan dengan Kopi Robusta (*Coffea canephora*) Terhadap

- Kecepatan Waktu Reaksi Laki-Laki Dewasa. 2019.
- 43 Smith A. Effects of caffeine in chewing gum on mood and attention. *Human Psychopharmacology* 2009; **24**: 239–247.
- 44 Patocka J, Navratilova Z, Krejcar O, Kuca K. Coffee, Caffeine and Cognition: a Benefit or Disadvantage? *Letters in Drug Design & Discovery* 2019; **16**: 1146–1156.

