



Carlos Eduardo Keutenedjian Mady

Artigos completos publicados em periódicos

1. BRANDÃO ROLL, JULIO ; LEONE BORGES, MATHEUS ; **Keutenedjian Mady, Carlos Eduardo** ; DE OLIVEIRA JUNIOR, SILVIO . Exergy Analysis of the Heart with a Stenosis in the Arterial Valve. *Entropy*, v. 21, p. 563, 2019.
2. RANGEL CENZI, JULIANA ; ALBUQUERQUE, CYRO ; **Keutenedjian Mady, Carlos Eduardo** . Phenomenological and Thermodynamic Model of Gas Exchanges in the Placenta during Pregnancy: A Case Study of Intoxication of Carbon Monoxide. *International Journal of Environmental Research and Public Health*, v. 16, p. 4138, 2019.
3. Igarashi, T. L. ; Hernandez, A.J. ; **Mady, C. E. K.** ; Fernandes, T.L. ; Albuquerque, C. . Exergy efficiency on incremental stationary bicycle test: A new indicator of exercise performance?. *Journal of the Brazilian Society of Mechanical Sciences and Engineering*, v. 41, p. 566, 2019.
4. SPANGHERO, GABRIEL ; ALBUQUERQUE, CYRO ; LAZZARETTI FERNANDES, TIAGO ; HERNANDEZ, ARNALDO ; **KEUTENEDJIAN MADY, CARLOS** . Exergy Analysis of the Musculoskeletal System Efficiency during Aerobic and Anaerobic Activities. *Entropy*, v. 20, p. 119, 2018.
5. MARTINEZ GARCIA, MATHEUS ; UNE, RAFAEL ; DE OLIVEIRA JUNIOR, SILVIO ; **KEUTENEDJIAN MADY, CARLOS** . Exergy Analysis and Human Body Thermal Comfort Conditions: Evaluation of Different Body Compositions. *Entropy*, v. 20, p. 265, 2018.
6. MOSQUIM, RAFAEL FERNANDES ; DE OLIVEIRA JUNIOR, SILVIO ; **Keutenedjian Mady, Carlos Eduardo** . Modelling the exergy behavior of São Paulo State in Brazil. *JOURNAL OF CLEANER PRODUCTION*, v. 197, p. 643-655, 2018.
7. **Keutenedjian Mady, Carlos Eduardo**; BRESCIANI, ANTONIO ESIO ; PAIVA, JOSE LUIS ; DE JARDIN, ROBERTO NICOLAS ; GUARDANI, ROBERTO ; DE OLIVEIRA, SILVIO . Thermodynamic assessment of MVR implementation in multistage evaporation plants. *Journal of the Brazilian Society of Mechanical Sciences and Engineering*, v. 40, p. 395, 2018.
8. FLÓREZ-ORREGO, DANIEL ; HENRIQUES, IZABELA B. ; NGUYEN, TUONG-VAN ; MENDES DA SILVA, JULIO A. ; **KEUTENEDJIAN MADY, CARLOS E.** ; PELLEGRINI, LUIZ FELIPE ; GANDOLFI, RICARDO ; VELASQUEZ, HECTOR I. ; BURBANO, JUAN C. ; LATTOUF, RALF ; DE OLIVEIRA JUNIOR, SILVIO . The contributions of Prof. Jan Szargut to the exergy and environmental assessment of complex energy systems. *ENERGY*, v. 161, p. 482-492, 2018.
9. Fernandes, T. L. ; Hernandez, A. J. ; Albuquerque, C. ; **Mady, C. E. K.** . CLINICAL APPLICATION OF THERMOGRAPHY FOR ENERGY BALANCE IN ATHLETES - STATE OF THE ART AND NEW PARADIGMS. *REVISTA BRASILEIRA DE MEDICINA DO ESPORTE (ONLINE)*, v. 24, p. 483-485, 2018.
10. Cenzi, J. R. ; Albuquerque, C. ; **Mady, C. E. K.** . The Effect of Carbon Monoxide on the Exergy Behavior of the Lungs. *Bioengineering*, v. 5, p. 108, 2018.
11. Pinto, C. R. ; **Mady, C. E. K.** . Exergetic Analysis of Hybrid Photovoltaic - Thermal Solar Collectors Coupled to Organic Rankine Cycles. *Civil and Environmental Engineering Reports*, v. 28, p. 1-12, 2018.
12. HENRIQUES, IZABELA BATISTA ; **MADY, CARLOS EDUARDO KEUTENEDJIAN** ; DE OLIVEIRA JUNIOR, SILVIO . Assessment of thermal comfort conditions during physical exercise by means of exergy analysis. *ENERGY*, v.128, p. 609-617, 2017.

13. Bresciani, A.E. ; **Mady, C. E. K.** ; Paiva, J.L. ; Oliveira-Junior, S. ; Jardim Junior, R.N. ; Guardani, R. . Aplicação de metodologia de engenharia de processos na melhoria da eficiência energética em unidade industrial de evaporação. Revista Brasileira de Engenharia Química, v. 31, p. 16-21, 2016.
14. Henriques, I.B. ; **Mady, C. E. K.** ; Oliveira Junior, S . Exergy model of the human heart. Energy (Oxford), v. 117, p. 612-619, 2016.
15. **MADY, CARLOS EDUARDO KEUTENEDJIAN**; Henriques, I.B. ; Oliveira Junior, S . A thermodynamic assessment of therapeutic hypothermia techniques. Energy (Oxford), v. 85, p. 392-402, 2015.
16. **MADY, CARLOS EDUARDO KEUTENEDJIAN**; Ferreira, M.S. ; Yanagihara, J.I. ; Oliveira Jr, S. . Human body exergy analysis and the assessment of thermal comfort conditions. International Journal of Heat and Mass Transfer, v. 77, p. 577-584, 2014.
17. Henriques, I. B. ; **Mady, C. E. K.** ; Albuquerque Neto, C. ; Yanagihara, J. I. ; Oliveira-Junior, S. . The effect of altitude and intensity of physical activity on the exergy efficiency of respiratory system. International Journal of Thermodynamics, v. 17, p. 265-273, 2014.