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College: Faculty of Agriculture

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Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	Tenure Track	Full Time	7

Papers in Journals

1. Mahmood Mahmoodi, Hossein Rahmanian, & Koushkaki, Mohammad Reza Raee, Comparative exergy and energy assessment of a biogas plant with biological purification process: A multigeneration system, Energy & Environment, 2021 10 2.
2. علی رنجبر کریم آبادی , سید حسین کارپرور فرد , هادی عظیمی نژادیان , حسین رحمانیان کوشکی, ارزیابی مزرعه ای موزع غلتهی شیاردار برای کشت ذرت, نشریه پژوهشهای مکانیک ماشینهای کشاورزی, ۱۴۰۱, ۶ ۲۹
3. M. Moein et al., Evaluation of nanostructured GNP and CuO compositions in PCM-based heat sinks for photovoltaic systems, Journal of Energy Storage, 2022 06 28.
4. Hossein Rahmanian et al., Performance evaluation of concentrated photovoltaics with phase change materials embedded metal foam-based heat sink using gradient strategy, International Journal of Energy Research, 2022 04 10.
5. Hossein Rahmanian et al., Simulation of Draught Force During Chisel Ploughing Using Discrete Element Method, Journal of Biosystems Engineering, 2022 04 01.
6. S. Rahmanian , H. Rahmanian Koushkaki , Amin Shahsavari, Numerical assessment on the hydrothermal behaviour and entropy generation characteristics of boehmite alumina nanofluid flow through a concentrating photovoltaic/thermal system considering various shapes for nanoparticle, Sustainable Energy Technologies and Assessments, 2022 02 26.
7. Mahmood Mahmoodi-Eshkaftaki, & Hossein Rahmanian-Koushkaki, Multi-objective Optimization of Pneumatic Mixing Systems for Anaerobic Digesters: A Hybrid Technique of Statistical Modeling and Numerical Simulations, Waste and Biomass Valorization, 2022 01 09.
8. S. Rahmanian et al., Performance investigation of inclined CPV system with composites of PCM, metal foam and nanoparticles, Solar Energy, 2021 11 10.