Amankwah Henry

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RESEARCH

Areas: Control and Systems Engineering · Computational Mechanics · Management Science and Operations Research · Mathematical Physics · Mechanical Engineering · Ocean Engineering

RESEARCH SUMMARY

9	26	2	1	0.29	0%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 9 publications listed below, 2012–2024. Field-weighted impact is the mean over the 9 works scored for it; 1.00 is the world average for works of the same field, type and year. 0 of the 9 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 8

1. Perpetual Appiah, **Henry Amankwah**, Francis Benyah (2024). Optimal Control of a Malaria Transmission Model with Saturated Incidence. *Journal of Mathematics and Statistics*. https://doi.org/10.3844/jmssp.2024.18.36
2. Martin Anokye, Luca Guerrini, Albert L. Sackitey, Samuel E. Assabil, **Henry Amankwah** (2024). Stability Analysis of a Credit Risk Contagion Model with Distributed Delay. *Axioms*. https://doi.org/10.3390/axioms13070483
3. Joseph Kofi Mensah, Joseph Ahor Abandoh-Sam, **Henry Amankwah**, Emmanuel Tchouchu (2024). The Relevance of Development and Deployment of Software Defined Networking Solutions for a University Network. *Indian Journal of Data Communication and Networking*. https://doi.org/10.54105/ijdcn.c5034.04020224
4. Henrietta Nkansah, Francis Benyah, **Henry Amankwah** (2021). Smoothing Approximations for Least Squares Minimization with L1-Norm Regularization. *International Journal of Analysis and Applications*. https://doi.org/10.28924/2291-8639-19-2021-264
5. Henrietta Nkansah, Francis Benyah, **Henry Amankwah** (2021). Smoothing Approximations for Least Squares Minimization with L1-Norm Regularization Functional. *DOAJ (DOAJ: Directory of Open Access Journals)*.
6. Martin Anokye, **Henry Amankwah**, Emmanuel Kwame Essel, Irene Kafui Amponsah (2019). Dynamics of Equilibrium Prices With Differential and Delay Differential Equations Using Characteristic Equation Techniques. *Journal of Mathematics Research*. https://doi.org/10.5539/jmr.v11n4p1
7. **H. Amankwah**, T. Larsson, B. Textorius (2014). A DUALITY-BASED DERIVATION OF THE MAXIMUM FLOW FORMULATION OF THE OPEN-PIT DESIGN PROBLEM. *International Journal of Pure and Apllied Mathematics*. https://doi.org/10.12732/ijpam.v92i4.1
8. **Henry Amankwah**, Torbjörn Larsson, Björn Textorius (2014). A maximum flow formulation of a multi-period open-pit mining problem. *Operational Research*. https://doi.org/10.1007/s12351-013-0140-7

Book chapters 1

1. **Henry Amankwah**, Torbjörn Larsson, Björn Textorius (2012). Open-Pit Mining with Uncertainty: A Conditional Value-at-Risk Approach. *Springer proceedings in mathematics & statistics*. https://doi.org/10.1007/978-1-4614-5134-1_8