



Health Sciences

Effectiveness of Risky Sexual Behavior Prevention Program among Adolescent Boys (*in Thai*)

Worawan Tipwareerom, Sureeporn Suwanna-osod, and Taweesak Khumlue.....1

Sciences and Technology

Compressed Air Generator for Low Wind Speed Electrification

Varin Vongmanee and Veerapol Monyakul.....15

Using Case Based Reasoning to Answer Exam Questions (*in Thai*)

Tawin Tanawong.....26

Land use change in Thap Lan National Park, the part of Dong Phrayayen - Khao Yai Forest Complex World Heritage, Thailand

Wassana Phanurak and Pongthep Suwanwaree.....39

Carbon Dioxide Emission Assessment of Thin Film Amorphous Silicon for Electricity Generation (*in Thai*)

Sawapha Thinpan and Prapita Thanarak.....49

Semi-Solid State Joining of Semi-Solid Metal Aluminum Alloy 356 Covered by Nitrogen Gas (*in Thai*)

Thongchai Khrueaphue, Somchai Phopayom, and Prapas Muangjunburee.....59

Testing of spatial decision support system on estimating water need for irrigated paddy areas using open source software (*in Thai*)

Kampanart Piyathamrongchai.....69

Humanities and Social Sciences

Factors Affecting Academic Achievement Of Dental Students, Faculty Of Dentistry, Naresuan University (*in Thai*)

Sugitta Sengkem, Samran Meejaeng and Teamjan Parnichparinchai.....79

A Causal Relationship Model of Organizational Citizenship Behavior (*in Thai*)

Kessiri Mora.....92

Fourth grade students' scientific reasoning (*in Thai*)

Ladapa Suttakun and Luecha Ladachart.....107

The strategy for the implementation philosophy of sufficiency economy of sub-district administrative organization in kamphaeng phet province (*in Thai*)

Narin Kotcharit.....124

Elevated Detached House for Handling Repeated Floods Based on Sufficiency Economy: A Case Study of Bang-Rakam Model (*in Thai*)

Kitchakarn Promma.....139