

ISSN 0976 - 1152

# SCIENCIA ACTA XAVERIANA

An International Research Journal of Basic and Applied Sciences

Biannual

Volume 9

No. 2

September 2018



*Published by:*

St. Xavier's College (Autonomous)

Palayamkottai - 627 002, INDIA.

<http://www.stxavierstn.edu.in/sax/index.php>

Indexed in Google Scholar, Cite Factor, Directory of Sciences,  
Global Impact Factor (GIF), Open Academic Journals Index (OAJI), Research Bible, and NAAS

September 2018

SCIENCIA ACTA XAVERIANA

Vol. 9 No. 2

# SCIENCIA ACTA XAVERIANA

An International Research Journal of Basic and Applied Sciences / September 2018

## Contents

- DOCKING ANALYSIS OF LIGAND 3-[1-HYDROXY-[METHYLETHYL] BENZONITRILE ON HUMAN GASTRIC CANCER PROTEIN (HGCP) IBJ7  
R. AZHAGU RAJ, M. SUMATHI, A. PRAKASAM, ZHOU MING-BING AND M. RAMAKRISHNAN 01-05
- A NOVEL APPROACH TO AZASPIROCYCLES VIA NUCLEOPHILIC ADDITIONS  
SEBASTIAN BRITTO AND MARUTHAI NALLU 07-13
- COLD PLASMA TECHNOLOGY IN AGRICULTURE AND FOOD INDUSTRY – A REVIEW  
A. KAVITHA PUSHPAM, J. ANGEL MARY GREENA, M. BABY MARIYATRA AND X. SAHAYA SHAJAN 15-32
- GROWTH AND CHARACTERISATION OF L-LEUCINE ADDUCT ADDED WITH SODIUM FLUORO ANTIMONATE SINGLE CRYSTALS  
R. MARY JENILA, J. ANTONY XAVIER SITHIRAI SELVAN AND R. VELAMMAL 33-40
- SYNTHESIS AND CHARACTERIZATION STUDIES OF HYDROXYAPATITE NANOCRYSTALS  
K. SELVAM, P. AJITH, S. M. RAVI KUMAR, G. MANI AND D. PREM ANAND 41-47
- HPLC AND HPTLC FINGERPRINT PROFILE OF ELYTRARIA IMBRICATA (VAHL) PERS.  
S. SIVA SANKAR, S. SUNDAR AND A. JOHN DE BRITTO 49-54
- EVEN VERTEX EQUITABLE EVEN LABELING FOR TREE RELATED GRAPHS  
A. LOURDUSAMY, S. JENIFER WENCY AND F. PATRICK 55-62

