

Indian Journal of Experimental Biology

<http://www.niscair.res.in>; <http://nopr.niscair.res.in>

VOLUME 56

NUMBER 2

FEBRUARY 2018

CODEN: IJEB (A6) 56 (2) 69-142 (2018)

ISSN: 0019-5189 (Print); 0975-1009 (Online)

CONTENTS

Papers

- Time requirement for sexual maturity of the African catfish *Clarias gariepinus* (Burchell, 1822) in captivity 75
Subir Kumar Juin & Panchanan Nath*
- Thioredoxin fused CHH1 protein as antigen for polyclonal antisera: Application to regulate glycemia in *Penaeus monodon* 83
Vrinda S, Jasmin C, Rosamma Philip & Bright Singh IS*
- Hormonal status and distribution of the ABO system phenotypic groups in menopausal and postmenopausal women with breast tumors 93
Marina Koridze, Davit Baratashvili, Rusudan Khukhunaishvili, Irina Nakashidze*, Nina Petrovic, Marina Nagervadze, Nato Zosidze, Sophiko Tskvitinidze, Nanuli Kotrikadze & Sarfraz Ahmad*
- Proteomic investigation of the molecular mechanism of king cobra venom L-amino acid oxidase induced apoptosis of human breast cancer (MCF-7) cell line 101
Shin Yee Fung*, Mui Li Lee & Nget Hong Tan
- Characterization and optimization of fruit body yield in *Volvariella volvacea* white strain 112
OP Ahlawat* & Harleen Kaur
- Opportunistic endophytism of *Trichoderma* species in rice Pusa basmati-1 (PB1) 121
Verna Colette Leon, M Raja, R Thava Prakasa Pandian, A Kumar & Pratibha Sharma*
- Effect of dietary antioxidants on growth and development of Taro caterpillar, *Spodoptera litura* (Fab.) 129
Kirti Sharma*, Sridhar J & RK Sharma
- Note**
- Touchdown-PCR based RAPD assay for early diagnosis of gender in *Carica papaya* L. 136
Sinchan Adhikari, Sanoyaz Sekh, Tapas Kumar Bandyopadhyay & Parthadeb Ghosh

Author Index

Adhikari S	136	Kaur H	112	Philip P	83
Ahlawat OP	112	Khukhunaishvili R	93	Raja M	121
Ahmad S	93	Koridze M	93	Sekh S	136
Bandyopadhyay TK	136	Kotrikadze N	93	Sharma K	129
Baratashvili D	93	Kumar A & Sharma P	121	Sharma RK	129
Bright Singh IS	83	Lee ML	101	Sridhar J	129
Fung SY	101	Leon VC	121	Tan NH	101
Ghosh P	136	Nagervadze M	93	Tskvitinidze S	93
Jasmin C	83	Nakashidze I	93	Vrinda S	83
Juin SK	75	Nath P	75		
		Pandian RTP	121		
		Petrovic N	93		

Keyword Index

Anticancer	101	Immunolocalization	83	5.8S rRNA gene	112
Antiproliferative activity	101	MALDI-TOF/TOF	101	Seedling gender diagnosis	136
Ascomyceteous fungus	121	Meridic diet	129	SEM	121
Breast adenocarcinoma	93,101	Molecular phylogeny	121	Sex-linked markers	136
Bulk segregant analysis	136	Mycelial growth	112	Shrimps	83
Cancer	93	Mycoparasitism	121	Snake venom	101
CHH neuropeptides	83	<i>Ophiophagus hannah</i>	101	Taro caterpillar	129
Cotton leaf worm	129	Oxidative stress	101	Td-PCR	136
Crustacean hyperglycemic hormone	83	Paddy straw mushroom	112	Testosterone	75
Cytotoxicity	101	Papaya	136	Thyroid-stimulating hormone (TSH)	93
Diabetogenic factor	83	2D-PAGE	101	Thyroxin (ft4)	93
Estradiol	75,93	Prolactin	93	Tobaco cutworm	129
Fecundity	129	Protein expression	101	Transcriptional factors	101
Fibroadenoma	93	Recombinant/fusion/chimeric protein	83	modification	
Gonad weight	75	Rajasthan	121	Translation elongation factor 1 (Tef1)	121
Growth hormone	75	ROS	101	Trioecious	136
Growth index	129			Vitellogenin	75