

INDEX TO DEFENCE LIFE SCIENCE JOURNAL, VOLUME 2, 2017

TITLE INDEX

- A Hypothetical Tool for Integrated Omics, Drugs and Clinical Stem Cell Data Analysis, 354
- Advances in the Value Addition to Foods-recent Trends, 90
- All Year Round Vegetable Cultivation in Trenches in Cold Arid trans-Himalayan Ladakh, 54
- ANN based Joint Time and Frequency Analysis of EEG for Detection of Driver Drowsiness, 406
- Application of Enriched Fraction of Seabuckthorn Leaf Extract as Antimicrobial Finish on Technical Textile, 428
- Assessment of Muscular Fatigue with Electromyography on Lower Back and Leg Muscles during Continuous Uphill and Downhill Load Carriage Task, 21
- Bio-engineering and Bio-medical Technologies: Role in the Protection of the Protectors, 379
- Biological Radioprotection: Six Decades of Scientific Struggle, 241
- Biosorption of Nickel using Mixed Cultures of *Pseudomonas aeruginosa* and *Bacillus subtilis*, 442
- Brahmi Herbal drink Mitigates *Aluminium chloride* Induced Cognitive Impairments, 152
- Catalytic Reduction of Hazardous Compound (Triethylphosphate) Using Ni Doped CuO Nanoparticles, 458
- Comparative Real Time EPR Investigation of Natural and Synthetic Antioxidants: As Potential Anticancer Agents and Radio-protectors, 301
- Consciousness Levels Detection Using Discrete Wavelet Transforms on Single Channel EEG Under Simulated Workload Conditions, 391
- Data Mining for Drug Repurposing and New Targets Identification for Radioprotection, 343
- Detection and Classification of Bacteria using Raman Spectroscopy Combined with Multivariate Analysis, 435
- Detection of *Shigella dysenteriae* Type 1 in Milk by PCR, 370
- Development of Compressed Meat Based Bar using Response Surface Methodology, 226
- Early Differential Neurometabolite Response of Hippocampus on Exposure to Graded dose of Whole Body Radiation: An in Vivo 1H MR Spectroscopy Study, 310
- Effect of Packaging Materials and Storage on Quality Attributes of Freeze Dried Pineapple *Lassi* Powder for Defence Applications, 193
- Effect of *Psoralea Corylifolia* Extract on Physically Induced Depression in Mice, 199
- Electron Paramagnetic Resonance Spectrometry-based Assessment of Free Radicals Scavenging Potential of N-acetyl Tryptophan Glucoside, 317
- Emerging Technologies in the Area of Food Sciences, 87
- Enhancing Properties of Polyvinyl Alcohol Film using Sorghum Starch Nanocrystals – A Cost Effective Filler from Natural Source, 169
- Excellence is the Real Enemy of Practicality! Relevance to Radiation Countermeasure Development, 242
- Extraction and Purification of Organophosphorus Hydrolase Enzyme from Soil Microorganism *Pseudomonas diminuta*, 416
- Gamma Radiation Induced Intestinal Proteomic Modulation in Mice: A Two Dimensional Electrophoretic Analysis, 327
- Gamma Ray Irradiation for Crop Protection Against Salt Stress, 292
- Green Synthesis of Iron Oxide Nanoparticles using *Lagenaria Siceraria* and Evaluation of its Antimicrobial Activity, 422
- Health Benefits of Quercetin, 142
- Health Food for Soldiers, 111
- Human Patient Simulator based CBRN Casualty Management Training, 80
- Immobilization of lactic acid bacteria and application of bacteriocin for preservation of fruit juices and bacteriocin production, 231
- In-vitro* Antioxidant and Anti-rhizopus Activity of Methanolic Seed Extract of *Camelina Sativa L.*, 59
- In-vitro* Evaluation of Neutral Oximes as Reactivators of Parathion-inhibited Electric Eel Acetylcholinesterase, 363
- In-vitro* Antioxidant and Anti-obesity Properties of *Bauhinia Variegata*, 128
- Injury Analysis using Anthropomorphic Test Device under Vertical Shock Loads, 385
- Iron Bio-accessibility and Nutritional Attributes of Selected Disease Specific Commercial Formulations, 206
- Lettuce: a promising leafy vegetable with functional properties, 178
- Mechanical Failure Analysis of Needles, for Micro-needle Array Dry-electrodes, 448
- Medicinal Plant Growing under Sub-optimal Conditions in trans-Himalaya Region at High Altitude, 37
- Mental Illness in India, 74
- Microfluidic Integrated Technology: A Potential Tool for Portable Radiation Biodosimetry, 287
- Moisture Sorption Characteristics of Ready-to-eat Chicken Wheat Crisps Prepared Using Resistant Starch and Chicken Powder with Wheat Flour, 163
- Multiscale Modelling of Blast-Induced TBI Mechanobiology - From Body to Neuron to Molecule, 3
- Need for the Development of Theatre and Terrain Based Food

- Technologies - An Appraisal, 88
 Non-destructive Quality Monitoring of Fresh Fruits and Vegetables, 103
 Nutritional Requirement at High-altitude with Special Emphasises to Behaviour of Gastro-intestinal Tract and Hormonal Changes, 120
- On-Board Oxygen Generation Using High Performance Molecular Sieve, 380
- Photon interaction parameters of different tissues of human organs, 358
 Physical Fitness of Soldiers in the Armed Forces of Slovakia, 30
 Physico-chemical Characteristics of Fine Nano-scaled Carbon Fibers from Bacterial Cellulose, 453
 Phytosynthesis and Characterisation of Silver Nanoparticles Synthesised from Flower Extract of Roheda (*Tecomella undulata* G. Don), 65
 Prognosis of Disease that may Occur with Growing Age using Confabulation Based Algorithm, 399
- Quality Aspects and Storage Evaluation of Freeze Dried Probiotic Pineapple *Lassi* Powder, 186
- Radiation Biomarkers : Applications in Triage Management of Radiation Victims, 270
 Radiation Countermeasures: Current Status, 278
 Radiation Induced Gastrointestinal Damage and Protection: Nigella Sativa Seed Extract and Thymoquinone, 264
 Radiation Induced Xerostomia: Current Concepts and Future Trends, 256
 Radiation Processing: An Emerging Preservation Technique for Meat and Meat Products, 133
 Rapid Production of Therapeutic Proteins using Plant System, 95
 Response of Normal Cells Following Multiple Radiation Exposure under Radiotherapy Setting, 335
- Screening and Statistical Optimisation of Media Ingredients for Production of Microbial *Transglutaminase*, 216
 Seabuckthorn (*Hippophae rhamnoides* L.) in trans-Himalayan Ladakh, India, 46
- Three Dimensional Gait Assessment During Walking of Healthy People and Drop Foot Patients, 14
 Turbidimetric Assay of Nisin in Tender Coconut Water, 212

AUTHOR INDEX

- Agrawala, Paban Kumar, *see* Haritwal, Teena
 Aguiar, Alcino P. *see* Lima, Antonio Luis Santos
 Ahirwar, Rajkumar, *see* Jayathilakan, K.
 Anand, T. *see* Khanum, Farhath
 Anand, T. 152
 see Patil, M. M.
 Anandan, M. 391
 Andrzej J. Przekwas, *see* Gupta, Raj
 Angmo, Phunchok, *see* Angmo, Stanzin
 Angmo, Stanzin, 54
 Anilakumar, K. R. 90, 178
 see Bhawya D.
 see Shivanna, Naveen
 Anusha, M. B. *see* Shivanna, Naveen
 Aravind, S. 435
 Arora, Rajesh, *see* Karamalakova, Yanka
 Bajaj, Sania, 327
 Banchariya, Shivani, *see* Khan, Shahrukh
 Banga, Harish Kumar, 14
 Basu, Mitra, *see* Gautam, Sima
 Belokar, R.M. *see* Banga, Harish Kumar
 Bhadrecha, Pooja, 37
 Bhardwaj, Shefali, 163
 Bhat, Ajaj A. 380
 Bhawya, D. 199
 Cavalcanti, Laura P.A.N. *see* Lima, Antonio Luis Santos
 Chakraborti, Kanti Lal, *see* Krishnan, Manu
 Chatterjee, Tirthankar, 21
 Chaudhuri, Sadhan Kumar, 65
 Chauhan, O. P. 103
 Chauhan, Sulaxana Kumari, 212
 Chaurasia, O.P. *see* Stobdan, Tsing
 Dabbu, Suman, 406
 Dhaked, Ram Kumar, *see* Gupta, Pallavi
 Dhole, Sandip *see*, Banga, Harish Kumar
 Dolkar, Diskit, *see* Angmo, Stanzin
 Dolkar, Phuntsog, *see* Stobdan, Tsing
 Farooqi, Humaira, *see* Bajaj, Sania
 Gadjeva, Veselina, *see* Karamalakova, Yanka
 Gangenahalli, Gurudutta, *see* Verma, Yogesh Kumar
 Gautam, Jyoti, 399
 Gautam, Sima, 80
 George, Johns, *see* Vasantha Kumar, S.
 Gopalan, Natarajan, 87
 see Bhardwaj, Shefali
 see Anilakumar, K. R.
 see Chauhan, O. P.
 see Xavier, J. R.
 see Ramalingam, Sathish Kumar
 Gupta, Mamta Aryabhushan, *see* Rana, Poonam
 Gupta, Manju Lata, *see* Bajaj, Sania
 Gupta, Noopur, *see* Haritwal, Teena
 Gupta, Pallavi, 370
 Gupta, Raj K. 3
 Gupta, Sanjay Mohan, 59
 Hanumantharayappa, Chikka, *see* Manjunatha, H. C.

- Hari Priya, S. *see* Ramalingam, Sathish kumar
 Haritwal, Teena, 278
 Harsha, S. N. *see* Anilakumar, K. R.
- Ilaiyaraja, N. *see* Khanum, Farhath
 see Patil, M. M.
 Iyappan, G. *see* Ramalingam, Sathish kumar
 Iyer, Satish R. *see* Krishnan, Manu
- Jayashree, V. *see* Shibly, V. K.
 Jayathilakan, K. 133, 226
- Kadirvelu, K. 422, 435, 442, 458
 see Ramalingam, Sathish kumar
 Kalita, Bhargab, *see* Bajaj, Sania
 Kalra, Parveen, *see* Banga, Harish Kumar
 Kanagasubbulakshmi, S., 422
 Kannan, G.K. 379, 385
 Karamalakova, Yanka, 301
 see Malhotra, Poonam
 Kartik, S.N. 391
 Kaur, Ramanpreet, 74
 Khan, Ahmad Raza, *see* Rana, Poonam
 Khan, Shahrukh, 287
 Khanum, Farhath, 111
 Khanum, Farhath, *see* Bhawya D.
 see Patil, M. M.
 see Anand, T.
 Khushu, Subash, *see* Rana, Poonam
 Kingston, J. 435
 see Ramalingam, Sathish kumar
 Kotresh, T. M. 380, 428
 Krishnan, Manu, 256
 Kumar, Bhuvnesh, *see* Stobdan, Tsering
 Kumar, Manoj, *see* Bhadrecha, Pooja
 Kumar, N.S. 416, 435
 Kumar, Paljor Eli, *see* Angmo, Stanzin
 Kumar, Pankaj, 292
 Kumar, R. 142
 see Chauhan, Sulaxana Kumari
 Kumar, Raj, 241
 see Karamalakova, Yanka
 see Khan, Shahrukh
 see Malhotra, Poonam
 see Mishra, Saurabh
 Kumar, Rajesh, *see* Banga, Harish Kumar
 Kumar, Shravan, *see* Khan, Shahrukh
 Kumar, Sunny, *see* Vasantha Kumar, S.
 Kumar, Vikash, 385
 Kumar, Vivek, *see* Bhadrecha, Pooja
- Lakshmi, K. 458
 Lakshmi, S. *see* Chauhan, O. P.
 see Urooj, Asna
 Lima, Antonio Luis Santos, 363
 see Lima, Antonio Luis Santos
 Lima, Keila S.C. *see* Lima, Antonio Luis Santos
 Madhukar, N. *see* Anand, T.
 Mahadevabharath R. Somayaji, *see* Gupta, Raj
- Maheshwari, D. T. 416
 Majumdar, Dhurjati, *see* Chatterjee, Tirthankar,
 Malhotra, Poonam, 317
 Malini, M. 406
 Mallesha, *see* Anilakumar, K. R.
 Mallikarjuna Reddy, M.V. 391
 Malodia, Lalit *see* Chaudhuri, Sadhan Kumar
 Mang, H. 380
 Manjunatha, H. C. 358
 Mishra, Saurabh, 270
 Mohan Manu, T. *see* Anand, T.
 Mohan, P. S. 458
 Mohanavelu, K. 391
 Mukherjee, R. 435
- Nadanasabapathi, S. *see* Chauhan, Sulaxana Kumari
 see Kumar, R.
 Nagaraju, N. *see* Anand, T.
 Nikolova, Galina, *see* Karamalakova, Yanka
 see Malhotra, Poonam
 Norbu, Tsewang *see* Angmo, Stanzin
 Padaki, V.C. 448
 Pal, Madhusudan, *see* Chatterjee, Tirthankar
 Pandareesh, M. D. *see* Anand, T.
 Pandey, A. K. *see* Chauhan, O. P.
 Pandey, Harsh, *see* Pandey, Nidhi
 Pandey, M. C. *see* Bhardwaj, Shefali
 see Jayathilakan, K.
 see Shibly, V. K.
 see Tabassum, Aisha
 Pandey, Nidhi, 264
 Patil, Kartik S. 385
 Patil, M. M. 128
 see Khanum, Farhath
 Paul, Sohini, *see* Chatterjee, Tirthankar,
 Pramanik, Anilendu, *see* Chatterjee, Tirthankar,
 Prasanna, A. 385
- Radhakrishnan, J.K. 448
 Raghu, T. S. 428
 Rajendran, Deepika, 435
 Rajkumar, S. 380
 Ramalingam, Sathish Kumar, 95
 Ramana, K. V. *see* Xavier, J. R.
 Rana, Poonam, 310
 Ranjan, Rajiv, *see* Bajaj, Sania
 Ravi, N. *see* Chauhan, O. P.
 Reddy, B. Ram, 406
 Rezende, Claudia M. *see* Lima, Antonio Luis Santos
 Roopa, N. *see* Anand, T.
- Sajeekumar, V. A. *see* Vasantha Kumar, S.
 Sanchita, S. *see* Shibly, V. K.
 Saraswathy, Seema, *see* Krishnan, Manu
 Seenappa, L. *see* Manjunatha, H. C.
 Sekhri, Tarun, *see* Krishnan, Manu
 Sharma, Ajay Kumar *see* Yashavardhan, M. H.
 Sharma, Navneet *see* Gautam, Sima
 Sharma, Rakesh Kumar, 88

- see* Anilakumar, K. R.
see Chauhan, O. P.
see Khanum, Farhath
see Ramalingam, Sathish kumar
see Xavier, J. R.
see Gautam, Sima
see Karamalakova, Yanka
Sharma, Vasundhara *see* Kumar, Pankaj
Shiby, V. K. 193
 see Bhardwaj, Shefali
 see Tabassum, Aisha
Shiromani, Shikha, *see* Khanum, Farhath
Shivanna, Naveen, 120
Shri, Priya *see* Pandey, Nidhi
Shukla, Sandeep Kumar *see* Yashavarddhan, M. H.
Siddiqi, Seema *see* Urooj, Asna
Sil, S. 435
Singh, A.K. *see* Kumar, Raj
Singh, Abhinav, *see* Bajaj, Sania
Singh, Bhupinder, *see* Kumar, Pankaj
Singh, Darshana, *see* Malhotra, Poonam
Singh, U.K. 435, 380, 448
Singsit, D. *see* Khanum, Farhath
Sridhar, K. N. *see* Manjunatha, H. C.
Srivastava, Neha, 399
Stobdan, Tsering, 46
Suar, Mrutyunjay, *see* Yashavarddhan, M. H.
Sultana, Khudsia, *see* Jayathilakan, K.
 see Jayathilakan, K.
Surve, Sarvesh *see* Haritwal, Teena
Swaminathan, Jiji, 435
Tabassum, Aisha, 186
Tan, X. Gary, *see* Gupta, Raj
Tiwari, Mrinalini, *see* Haritwal, Teena
Tripathi, Yamini B. *see* Pandey, Nidhi
Tsering Stobdan, Bhuvnesh *see* Angmo, Stanzin
Urooj, Asna, 206
Uthra, K. 442
Varghese, F. V. 428
Varsha, Thygaraj, 416
Vasantha Kumar, S. 169
Verma, Yogesh Kumar, 343, 354
Vijayalakshmi, S. *see* Kumar, R.
Vyza, Yashwanth Sai, 406
Xavier, J. R. 216, 231
Yadav, Poonam, *see* Kumar, Pankaj
Yashavarddhan, M. H. 335
Yashavarddhan, M.H. *see* Bajaj, Sania
Zheleva, Antoaneta, *see* Karamalakova, Yanka

REVIEWERS INDEX

- | | | |
|---|---|--|
| <i>Anand, Taruna</i>
<i>Bharti, Vijay K.</i>
<i>Bhatia, Dinesh</i>
<i>Bisht, Naveen C.</i>

<i>Chakrabarti, Debkumar</i>
<i>Chakraborti, K. L.</i>
<i>Chaturvedi, Krishna Nand</i>
<i>Chintaman, Vijay</i>

<i>Das, Aparup</i>
<i>Dash, Paban Kumar</i>
<i>Dhaked, Ram Kumar</i>
<i>Dubey, Rakesh Kumar</i>

<i>Flora, Swaran J.S.</i>

<i>Gahlaut, Seema</i>
<i>Gaur, Naseem A.</i>
<i>Gaur, R. K.</i>
<i>Goel, Ajay Kumar</i>
<i>Gupta, Pallavi</i>

<i>Harinath, Bhaskar C.</i>
<i>Harinikumar, K. M.</i>
<i>Hussain, Saber</i> | <i>Jerath, J. M.</i>
<i>Jha, Harit</i>

<i>Karunasagar, Indrani</i>
<i>Kaur, Inderjeet</i>
<i>Khan, Abid Ali</i>
<i>Khatami, , Mehrdad</i>
<i>Kohli, Ekta</i>
<i>Kulshreshtha, Shweta</i>
<i>Kumar, Ela</i>
<i>Kumar, Pradeep</i>
<i>Kumar, Raj</i>
<i>Kumar, Ratan</i>
<i>Kumar, Subodh</i>

<i>M., Chandrika B.</i>
<i>M., Naveena B.</i>
<i>Maiti, Soumen Kumar</i>
<i>Majumdar, Deepti</i>
<i>Manohar, V. Krishna</i>
<i>Matham, Chandrashekhar Swami</i>
<i>Mehra, Vishal</i>
<i>Mishra, Gyan Prakash</i>
<i>Mishra, Nishi</i>

<i>Pandey, Sudhakar</i>
<i>Pandey, Vandana</i> | <i>Pandeya, Neha</i>
<i>Panjwani, Usha</i>

<i>Raghav, Manoj</i>

<i>Sahu, Keshav Kant</i>
<i>Salve, Urmi Ravindra</i>
<i>Satnam, Manmohan Lal</i>
<i>Saxena, Shweta</i>
<i>Singh, Braham</i>
<i>Singh, Jagbir</i>
<i>Singh, K.P.</i>
<i>Singh, N. K.</i>
<i>Singh, Rajesh P.</i>
<i>Sivappagari, Chandra Mohan Reddy</i>
<i>Sujana, H.</i>
<i>Sunooj, K. V.</i>

<i>Thakur, Raj Kumar</i>
<i>Tyagi, B. K.</i>

<i>V. Ashok G.</i>
<i>Vijayaraghavan, R.</i>

<i>Willinger, R.</i>

<i>Yadav, Ashish</i>
<i>Yadav, Prem Narayan</i> |
|---|---|--|