

CARE PUBLICATIONS

S.no	Authors/Title of the paper/Journal
AHS	
1.	M. Revathi, R. Saravanan, A. Shanmugam (2012) Production and characterization of chitinase from <i>Vibrio</i> species, a head waste of shrimp <i>Metapenaeus dobsonii</i> (Miers, 1878) and chitin of <i>Sepiella inermis</i> Orbigny, 1848. <i>Advances in Bioscience and Biotechnology</i> 3:392-397.
2.	M. M. Ramya and R. Murugesan. (2012). Joint, Image-Adaptive Compression and Watermarking by GABased Wavelet Localization: Optimal Trade-Off between Transmission Time and Security. <i>International Journal of Image Processing</i> 6:478 - 487
3.	A. Shakila Banu, S. Vimala Devi and T. Prakash. (2012). Interaction of Sol-Gel derived TiO ₂ and SiO ₂ based bionanocomposites with erythrocytes and serum proteins. <i>IET Nanobiotechnology</i> 7:22-27
4.	T. Parkash (2012). Influence of temperature on AC conductivity of nanocrystalline CuAlO ₂ . <i>International Nano Letters</i> . 2:12.
5.	M.S. Kumar, A. Babu, R. Murugesan, K. Jeyasubramanian (2012). Novel water soluble dendrimer nanocarrier for enhanced photodynamic efficacy of protoporphyrin IX. <i>Nano-Biomedical Engineering</i> . 4:132-138.
6.	K. Langeswaran, S. Gowtham Kumar, R. Revathy, M.P. Balasubramanian (2012). Attenuation of Aflatoxin induced primary hepatocarcinogenesis by a citrus bioactive compound-Limonin. <i>Journal of Pharmacy Research</i> . 5:177-182.
7.	A. Palaniappan (2012). Evolutionary medicine: seeking a fuller understanding of disease. <i>Chettinad Health City Medical Journal</i> . 1:138-141.
8.	A. Babu, J. Periasamy, A. Gunasekaran, G. Kumaresan, S. Naicker, P. Gunasekaran, R. Murugesan (2012). Polyethylene glycol-modified gelatin/poly(lactic acid) nanoparticles for enhanced photodynamic efficacy of a hypocrellin derivative in vitro. <i>Journal of Biomedical Nanotechnology</i> . 9:177-92.
9.	T. Prakash. (2012). Review of nanostructured semiconductors for dye sensitized solar cells. <i>Electronic Materials Letters</i> .8: 231.
10.	K. Langeswaran, R. Revathy, S. Gowtham Kumar, S. Vijayaprakash, M.P. Balasubramanian (2012). Kaempferol ameliorates aflatoxin B1 (AFB1) induced hepatocellular carcinoma through modifying metabolizing enzymes, membrane bound ATPases and mitochondrial TCA cycle enzymes. <i>Asian Pacific Journal of Tropical Biomedicine</i> . 2:S1653-S1659.
11.	T. Jaiganesh, J.D.V. Rani, A. Girigoswami. (2012). Spectroscopically Characterized Cadmium Sulphide Quantum Dots Lengthening the Lag Phase of <i>Escherichia coli</i> Growth. <i>Spectrochimica Acta A</i> . 92:29-32.
12.	D. Ghosh, A. Girigoswami, N. Chattopadhyay. (2012). Superquenching of coumarin 153 by gold nanoparticles. <i>Journal of Photochemistry and Photobiology A</i> . 242, 44-50.
13.	M. Mele, A. Javed, M. Pybus, P. Zalloua, M.D. Haber, M.G. Netea, O. Balanovsky, E. Balanovska, L. Jin, Y. Yang, R.M. Pitchappan, G. Arunkumar, L. Parida, F. Calafell, J. Bertranpetit and Genographic Consortium (2012). Recombination Gives a New Insight in the Effective Population Size and the History of the Old World Human Populations. <i>Molecular Biology and Evolution</i> . 29:25-30.
14.	I.G. Romero, C.B. Mallick, A. Liebert, F. Crivellaro, G. Chaubey, Y. Itan, M. Metspalu, M. Easwarkhanth R. Pitchappan, R. Villems, D. Reich, L. Singh, K. Thangaraj, G.M. Thomas, D.M. Swallow, M.M. Lahr (2012). Herders of Indian and European Cattle Share Their Predominant Allele for Lactase Persistence. <i>Molecular Biology and Evolution</i> . 29:249-260.
15.	A. Javed, M. Mele, M. Pybus, P. Zalloua, M. Haber, D. Comas, M.G. Netea, O. Balanovsky, E. Baanovska, I. Yajung, G. Arunkumar, R. Pitchappan (2012). Recombination networks as genetic markers in a human variation study of the Old World. <i>Human Genetics</i> . 131:601-613.
16.	S.S.J. Ahmed, V. Ramakrishnan. (2012). Systems Biological Approach of Molecular Descriptors Connectivity: Optimal Descriptors for Oral Bioavailability Prediction, <i>PLoS ONE</i> . 7: e40654.

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17.	G. ArunKumar, F. David, Soria-Hernanz, V.J. Kavitha, V.S. Arun, A. Syama, K.S. Ashokan, K. Thangaraj Gandhirajan, K. Vijayakumar, M. Narayanan, M. Jayalakshmi, J.S. Ziegler, A.K. Royyuru, L. Parida, R.S. Wells, C. Renfrew, T.G. Schurr, C.T. Smith, D.E. Platt, R. Pitchappan. (2012). Consortium TG Population Differentiation of Southern Indian Male Lineages Correlates with Agricultural Expansions Predating the Caste System. <i>PloS One</i> 7:e50269.
18.	K. Langeswaran, S.G. Kumar, S. Perumal, R. Revathy, M.P. Balasubramanian (2013). Limonin – A citrus limonoid, establish anticancer potential by stabilizing lipidperoxidation and antioxidant status against N-nitrosodiethylamine induced experimental hepatocellular carcinoma. <i>Biomedicine & Preventive Nutrition</i> . 3:165-171.
19.	S.V. Devi and T. Prakash. (2013). Kinetics of Ciplatin release by in-vitro using poly (D, L-Lactide) coated Fe ₃ O ₄ nanocarriers <i>IEEE. Transactions on Nanobioscience</i> . 12:60–63.
20.	T. Prakash and S. Ramasamy. (2013). Effect of applied bias voltage on grain boundary potential barrier height in semiconductors. <i>Electronic Materials Letters</i> . 9:227-230.
21.	T. Prakash, S. Ramasamy, and B. S. Murty (2013). Effect of DC bias on Dielectric properties of nanocrystalline CuAlO ₂ . <i>Electronic Materials Letters</i> . 9:207–211.
22.	T. Prakash and P. Chandrasekar. (2013). Realization of ZnO/PVK transparent heterojunction by solution processing routes. <i>International Nano Letters</i> . 3:9
23.	T. Prakash, B.S. Murty, A.R. Kaskhedikar, and P.D. Peshwe (2013). Crystallite size effect on voltage tunable giant dielectric permittivity of nanocrystalline CuO. <i>Electronic Materials Letters</i> . 9:59-62.
24.	R. Saravanan, V.K. Gupta, T. Prakash, V. Narayanan, and A. Stephen. (2013). Synthesis, characterization photocatalytic activity of novel Hg doped ZnO nanorods prepared by thermal decomposition method. <i>Journal of Molecular Liquids</i> . 178: 88-93.
25.	K. Langeswaran, S. Gowthamkumar, S. Vijayaprakash, R. Revathy, M.P. Balasubramanian (2013). Influence of limonin on Wnt signalling molecule in HepG2 cell lines. <i>Journal of Natural Science, Biology and Medicine</i> 4:126-33.
26.	N. Subhapradha, S. Suman, P. Ramasamy, R. Saravanan, V. Shanmugam, A. Srinivasan and A. Shanmugam (2013). Anticoagulant and antioxidant activity of sulfated chitosan from the shell of donacid clam <i>Donax scortum</i> (Linnaeus, 1758). <i>International Journal of Nutrition, Pharmacology, Neurological Diseases</i> . 3:39-45.
27.	S. Sudharsan, P. Seedeve, R. Saravanan, S. Vairamani, S. Vasanthkumar, A. Srinivasan, and A. Shanmugam (2013). Isolation, characterization and molecular weight determination of collagen from marine sponge <i>Spirastrella inconstans</i> (Dendy). <i>African Journal of Biotechnology</i> . 12:504-511
28.	S. Gowtham Kumar. L. Kulanthaivel, R. Rajendran, V. Ramakrishnan (2013). Ethanolic extract of <i>Carum carvi</i> (EECC) Prevents n- Nitrosodiethylamine Induced phenobarbital promoted hepatocarcinogenesis by modulating Antioxidant enzymes. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 5:195.
Anaesthesia	
29.	Dalim M and Thilaka M. (2013). Pain relief in neonates. No doubt it's a duty. <i>Chettinad Health City Medical Journal</i> . 2(2): 28-30.
Anatomy	
30.	Ray B, Pugazhandhi B, Sharmila S, Fasil M and Srinivasa RS. 2012. Analysis of the arterial anatomical variations of thyroid gland – anatomic guide for surgical neck dissection. <i>Bratislava Medical Journal</i> .113(11): 669-672.
31.	Vinaitha D, Subaanandhi K, Sharmila S, Lakshmi R and Aruna S. 2012. High bifurcation of the common carotid artery and looping of the external carotid artery - a case report. <i>Journal of Clinical Diagnosis Research</i> . 6: 462-464.
32.	Ashwini LS, Mohandasrao KG, Sharmila S and Somayaji SN. 2012. Morphological and morphometric analysis of supraorbital foramen and supraorbital notch – A study on dry human skulls. <i>Oman Medical</i>

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	Journal. 27(2): 129-133.
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34.	Nirmaladevi M, Sudhaseshayyan, HS Rajila R. 2012. Study of origin of superior mesenteric artery in south Indian population – Original study with review of literature. <i>Anatomica Karnataka</i> . 6(2): 33-37
Community Medicine	
35.	Reddy GM, Singh A, Singh D. 2012. Community based estimation of extent and determinants of cost of injuries in a north Indian city. <i>Indian Journal of Medical Sciences</i> . 66(1): 23-29.
36.	Sarkar M, Konar H, Raut DK. 2012. Gynecological malignancies: epidemiological characteristics of the patients in a tertiary care hospital in India. <i>Asian Pacific Journal of Cancer Prevention</i> . 13(6): 2997-3004.
37.	Sarkar M, Wolf MG. 2012. Simple ovarian cysts in postmenopausal women: scope of conservative management. <i>European Journal of Obstetrics & Gynecology and Reproductive Biology</i> . 162(1): 75-78.
Dermatology	
38.	Sunderamoorthy Srinivasan, Ramamoorthy Mathumathy. 2013. Scoring Systems In Bullous Dermatoses. <i>Our Dermatology Online</i> . 4(Suppl. 3): 663-665
Forensic Medicine	
39.	MN Hemanth Raj, Bai Manjula Kumar, AG Vijay, J Suresh, TS Ajay Kumar, HR Vinay (2013), Comparison of clinical and autopsy diagnosis of cause of death at Belgaum, Karnataka, <i>Indian Journal of Forensic Medicine and Toxicology</i> , 7(1):65-69.
General Surgery	
40.	DBalakrishnan TM and Sivarajan N. (2012). Anatomical study of supraclavicular perforator artery and its clinical application as sensate supraclavicular artery propeller flap in the reconstruction of post burns scar contracture neck. <i>Indian Journal of Science and Technology</i> . 5(8): 3137-3141
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41.	N.Pandiyan, Semen analysis - A number games. <i>Chettinad Health City Medical Journal</i> , 2012, 1(1), 2-3
42.	P.Savitha, D.Ramesh Raja, Dr.Radha Pandiyan. Normal and Abnormal oocytes observed during ART procedures. <i>CHCML</i> 2012: 1(1): 4-11
43.	Kavitha G, Pandiyan N, Radha Pandiyan and Reddy GMM. Predictive value of serum follicle stimulating hormone and testicular volume as markers for the outcome of surgical spermatozoa retrieval in men with azoospermia. <i>Chettinad Health City Medical Journal</i> . 2013.1(2):44-47
44.	Gayethri Ganesan, Savitha, Radha pandiyan. Size of follicle and oocyte maturation status in an assisted reproductive technology Programmne. <i>Chettinad Health City Medical Journal</i> . 2010.1(3):83-87
45.	Krithika Devi, Radha Pandiyan and Pandiyan N. Firsrt Post Embryo Transfer Beta hCG level and Pregnancy outcome in an ART program. 2012. <i>International Journal of Infertility and Foetal medicine</i> . 3(2):57-62
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47.	Vysakh PR and Jeya M. (2013). A comparative analysis of community acquired and hospital acquired methicillin resistant Staphylococcus aureus. Journal of Clinical and Diagnostic Research. 7(7): 1339-1342.
48.	Priyadarshini S, Jeya M and Susan S. (2013). The bacteriology of diabetic foot ulcers, with a special reference to multidrug resistant strains. Journal of Clinical and Diagnostic Research. 7(3): 441-445.
49.	Nirupa S, Vignesh RN and Jaya M. (2013). Can mobile phones act as vehicles transmitting nosocomial infections?. International Journal of Pharma and Biosciences. 4(1): 859-864.
NICU	
50.	Srinivasan K, Jaishree V. 2012. Obstructive Sleep Apnoea in Children. Chettinad Health City Medical Journal. 1(3):124-127
51.	Rema Chandramohan, Saradha Suresh, Srinivasan K. 2012. Predictors of Adverse Outcome in Asphyxiated and Ventilated Late Preterm and Term Newborns. Chettinad Medical Journal. 1(4) .142-145
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52.	Ramesh VG. (2013). Outcome prediction in traumatic brain injury, Journal of Neurosurgery. 119 (5):1351.
53.	Ramesh VG. (2013). Obsessive-compulsive disorder and cingulotomy. Journal of Neurosurgery. 119(2):526
54.	Ramesh VG, Karthikeyan KV, Rao KR, Balasubramanian C. (2013). Cervical extradural and extraspinal ependymoma mimicking dumb-bell schwannoma: An unusual tumor. Neurology India. 61 (3):303-5.
55.	Ramesh VG. (2013). Tuberculous abscess: The correct perspective. Journal of Pediatric Neurosciences. 8(1):85.
56.	Ramesh VG, Karthikeyan KV. (2013). Solitary Giant Neurocysticercosis in a Child with Combined Immunodeficiency. Chettinad Health City Medical Journal. 2 (1):9-10.
57.	Ramesh V G, Karthikeyan V K, Shyamala R, Ramesh Rao, (2013), Pituitary ependymoma: Report of rare care with an insight into the histogenesis, Neurology India 61 (5), 545-546
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58.	Srinija P, Sulaiman A B, Sreevalsan A, Somasundaram, Subbiah VN. (2013). Posterior reversible encephalopathy syndrome. Chettinad health city Med J. ;2(2)
Pathology	
59.	Femila Padmavathy M, Rajesh Nachiappa Ganesh, Bhawana Ashok Badhe, Arshad Jamal. (2012). Synchronous Presentation of Sporadic angiomyolipoma and Renal cell carcinoma in contra lateral kidneys in patients with no evidence of tuber sclerosis. Chettinad health city journal. 1(4); 192-195.
60.	Balamurugan S, C S Jayapriya S., Priyadarshini S, Jeya M., Ramesh Rao K. (2012). Reagent Strip Testing (RST) for Asymptomatic Bacteriuria (ASB) in Pregnant Women: A Cost-effective Screening Tool in Under-resourced Settings. Journal of Clinical and Diagnostic Research. 6(4): 671-673
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61.	Chidambharam Choccalingam, Anish Sunder Narayanan, Vijay Amritraj, Gopi Murali-Reddy. Effect of Adjusted and Non-Adjusted Citrate Concentrations on Coagulation Test Results in Patients with High Haematocrit Values- Breaking the Unproven Leap of Faith - Journal of Coagulation Disorders, 2012:3(1)
Paediatrics	
	Srinivasan K and Jaishree V. 2012. Obstructive sleep apnoea in children. Chettinad Health City Medical Journal. 1(3): 124-127.
62.	Jaishree V, Surya K and Thayumanavan S. 2012. Seckel Syndrome. Chettinad Health City Medical Journal. 1(1): 28-30.
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63.	Prabhu RL, Ruckmani A, Venkatesan D, Madhusudhanan N and Pavithra R. (2012). Anxiolytic effect of homeopathic preparation of Pulsatillanigricans in Swiss albino mice. Homeopathy. 101: 171-174.
64.	Rushender CR, Madhavi E, Madhusudhanan N and Venu G. (2012). In vitro antioxidant and free radical scavenging activity of Nymphaea pubescens. Journal of Pharmacy Research. 5(7): 3804-3806.
65.	Vinayak M, Ruckmani K, Chandrashekar K, Venu G, Madhavi E, Swati B and Madhusudhanan N. (2012). Antidepressant activity of ethanolic extract of Piperbetle leaves in mice. Current Research in Neuroscience. 2(1): 1-6.
66.	Chandrashekar K, Saritha MK and Vinayak M. (2012). Prescription audit in tertiary care centre. Asian Journal Medicine and Clinical Science. 1(2): 70-74.
67.	Chandrasekhar K, Ruckmani A, Vinayak M and Saritha MK. (2012). Effect of 0.2% GTN ointment on wound healing in streptozocin induced diabetes rats an experimental study. Asian Journal Medicine and Clinical Science. 1(2): 86-88.
68.	Arunkumar R, Ruckmani A, Maignanakumar R and Dass PA. (2012). Gene doping - A review. Proceedings of the doping in sports – Invigoration, prerequisites and misapprehensions, Trichy, Edited by Dr Prasanna Balaji. ISBN 9788190918961. pp. 11-17.
69.	Ruckmani A, Vishaly S, Arunkumar R, Prabhu LR and Priya A. (2012). Assessment of barriers in subject recruitment for clinical trials. Journal Clinical Research & Bioethics. 3(1):1-3.
70.	Prabhu LR, Ruckmani A and Madhavi E. 2012. Homeopathic treatment of sports injuries. Proceedings of the doping in sports – Invigoration, prerequisites and misapprehensions, Trichy, Edited by Dr Prasanna Balaji. ISBN 9788190918961. pp. 18-22.
71.	Chandrashekar K and Ruckmani A. 2012. Doping agents: Are they safe to what extent? Proceedings of the Doping in sports - Invigoration, prerequisites and misapprehensions, Trichy. Edited by Dr Prasanna Balaji. ISBN 9788190918961. P-23-27.
72.	Rushender CR, Madhavi E, Madhusudhanan N, Venu G. (2012). Antidiabetic activity of Nymphaeapubescens ethanolic extract – in vitro study. Journal of Pharmacy Research. 5(7): 3807-3809.
73.	Ruckmani A and Arunkumar R. (2012). Prohibited substances in sports: How do they help? Proceedings of the Doping in sports – Invigoration, prerequisites and misapprehensions. ISBN 9788190918961. pp. 5-10.
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75.	Nayak P, Sharma SB and Chowdary NVS. 2013. Aluminum and Ethanol induce alteration in superoxide and peroxide handling capacity (SPHC) in frontal and temporal cortex. Indian Journal of Biochemistry and Biophysics. 50(5): 402-410.

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77.	Mathangi DC, Sriteja Y, Mathangi K, Shyamala R, Hillman DR and Eastwood PR. 2013. The impact of obstructive sleep apnea on self-reported work disability among software professionals. <i>Indian Journal of Sleep Medicine</i> . 8(2): 67- 71.
78.	Mathangi DC, Shymala R and Subhashini. 2012. Effect of REM sleep deprivation on the antioxidant status in the brain of Wistar rats. <i>Annals of Neurosciences</i> . 19(4):1-4.
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Pulmonology	
80.	Vishnu Sharma, V.Viswambhar, Harsha, Alaka Chitra, Basavaraj, Rahul Antony – Low body mass index and low serum albumin level as risk factors for carbon dioxide retention during acute exacerbation of COPD : <i>International Journal of Innovative, Research in Science, Engineering and Technology – Vol 2, Issue 8, Aug 2013</i> P3508-3511
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82.	Vinili.S.(2012). Behaviour changes communication. <i>Health action</i> . 25 (12): 23-25
83.	Vinili.S,Mangalagowri.P.(2013). Utilization of MCH Services- Comparison between rural and urban. <i>Tamilnadu Nurses and Midwives Council Journal of Community Health Nursing</i> . 1 (1): 10-12
84.	AnjuliDeru, ClincySpercia, Bakiyalakshmi, Ramani, Pavithra, Athira Gopidas,Surekha,Vinili.S.(2013).Novices reflection on Community Health Nursing Experience, <i>Tamilnadu Nurses and Midwives Council</i> .1 (1): 37