

## Publications – June 2014 to November 2014

1	Fenton B, Thankappan KR, Champagne B, Jun Lv, Anthony D. Increased knowledge of the effects of smoking and second-hand smoke encourages smoke-free homes. <i>Journal of Research in Nursing</i> . 2014 Aug;19(5):373-87.	
2.	Thankappan KR. Tobacco cessation in India: A priority health intervention. <i>Indian Journal of Medical Research</i> . 2014;139(4):484-6.	1.661
3.	Saramma PP, Sarma PS, Thomas SV. Effect of a self-instructional module on the child rearing knowledge and practice of women with epilepsy. <i>Seizure - European Journal of Epilepsy</i> . 2014;23(6):424-8.	2.059
4.	Saramma PP, Thomas SV, Sarma PS. Child rearing issues for mothers with epilepsy: A case control study. <i>Annals of Indian Academy of Neurology</i> . 2006;9(3):158-62.	0.514
5.	Daivadanam M, Wahlstrom R, Ravindran TKS, Thankappan KR, Ramanathan M. Developing a conceptual model using primary qualitative data to facilitate dietary intervention planning at the household level. <i>BMC Public Health</i> [Internet]. 2014. Available from: <a href="http://www.biomedcentral.com/1471-2458/14/574">http://www.biomedcentral.com/1471-2458/14/574</a>	2.321
6.	Mini GK, Nichter M, Radhakrishnan RN, Thankappan KR. Confirmation of self-reported non-smoking status by salivary cotinine among diabetes patients in Kerala, India. <i>Clinical Epidemiology and Global Health</i> . 2014. <a href="https://doi.org/10.1016/j.cegh.2014.05.003">doi:10.1016/j.cegh.2014.05.003</a>	

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7.	Kuriakose A, Anish TSN, Soman B, Varghese RT, Sreelal TP, Mendez AM, Abraham A. Rate and risk of all cause mortality among people with known hypertension in a rural community of southern Kerala, India: The results for the prolife cohort. <i>International journal of preventive medicine</i> . 2014; 5(5): 596–603.	0.365
8.	Nidhin M , Vedhanayagam M, Sangeetha S, Kiran MS, Shaiju SN , Jayasree RS, Sreeram KJ, Nair BU. Fluorescent nanonetworks: A novel bioalley for collagen scaffolds and Tissue Engineering. <i>Scientific Reports(Nature Publishing Group)</i> . 2014. doi:10.1038/srep05968	5.078
9.	Mini GK , Sarma PS , Thankappan KR . Pattern of Tobacco Use and its Correlates among Older Adults. <i>Asian Pacific Journal of Cancer Prevention</i> . 2014;15(15):6195-8	1.50
10.	Kishore A, Popa T, James P, Yahia-Cherif L, Backer F, Varughese CL, Govind P, Pradeep S, Meunier S.. Age-related decline in the responsiveness of motor cortex to plastic forces reverses with levodopa or cerebellar stimulation. <i>Neurobiology of aging</i> . 2014;35(11):2541-51	4.853
11.	Nair BP, Vaikkath D, Mohan DS, Nair PD . Fabrication of a microvesicles-incorporated fibrous membrane for controlled delivery applications in tissue engineering. <i>Biofabrication</i> . 2014;6(4). <a href="https://doi.org/10.1088/1758-5082/6/4/045008">doi:10.1088/1758-5082/6/4/045008</a>	4.302
12.	Velayudhan S, Anilkumar PR, Nair PD. A Novel, Single Step, Highly Sensitive In-Vitro Cell-Based Metabolic Assay Using Honeycomb Microporous Polymer Membranes. <i>J. Biomed. Nanotechnol.</i> . 2015;11(4):590-599	7.58

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13.	Basu B, Sabareeswaran A, Shenoy SJ. Biocompatibility property of 100% strontium-substituted SiO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> -P <sub>2</sub> O <sub>5</sub> -CaO-CaF <sub>2</sub> glass ceramics over 26 weeks implantation in rabbit model: Histology and micro-Computed Tomography analysis. <i>Journal of Biomedical Materials Research Part B: Applied Biomaterials</i> . 2014. doi: 10.1002/jbm.b.33270	2.328
14.	Rekha MR, Sharma CP. Recent advances in the oral delivery of insulin. <i>Recent patents on drug delivery and formulation</i> . 2014;8(2):155-9.	
15.	Priya SS, Rekha MR, Sharma CP. Pullulan-protamine as efficient haemocompatible gene delivery vector: Synthesis and in vitro characterization. <i>Carbohydrate Polymers</i> . 2014;102(1):207-15.	3.916
16.	Mitha AT, Rekha MR. Multifunctional polymeric nanoplexes for anticancer co-delivery of p53 and Mitoxantrone. <i>Journal of Materials Chemistry B</i> . 2014;2:8005-16.	6.626
17.	Painuly D, Bhatt A, Krishnan VK, Urokinase -CdSe/ZnS core/shell conjugates for targeted fibrinolytic treatment: An in vitro evaluation. <i>Journal of Biomaterials &amp; Tissue Engineering</i> . 2014;4(10):823-833.	1.167
18.	Nair RP, Joseph J, Harikrishnan VS, Krishnan VK, Krishnan LK. Contribution of fibroblasts to the mechanical stability of in vitro engineered dermal-like tissue through extra cellular matrix deposition. <i>Bio Research Open Access</i> . 2014;3(5):1-9.	
19.	Nair RP, Krishnan VK, Krishnan LK. Feasibility of a dermal substitute construction on hybrid scaffold made of poly( $\epsilon$ -caprolactone) and bio mimetic fibrin composite. <i>Journal of Biomaterials and Tissue Engineering</i> . 2014;4(9):710-717.	1.167

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20.	Columbus S, Krishnan LK, Krishnan VK. Modulating - caprolactone) scaffold properties by altering porogen molecular-poly( weight and concentration for blood-vessel tissue engineering. <i>Journal of Biomaterials and Tissue Engineering</i> . 2014;4(June):450-458.	1.167
22.	Nidhin M, Vedhanayagam M, Sangeetha S, Shaiju SN , Jayasree RS, Sreeram KJ, Nair BU. Fluorescent nanonetworks: A novel bioalley for collagen scaffolds and Tissue Engineering. <i>Scientific Reports(Nature Publishing Group)</i> . 2014. doi:10.1038/srep05968	5.078
23.	Krishnakumar N, Gohulkumar M, Nazeer SS, Jayasree RS, Gurushankar K. Monitoring the metabolic response of nanoencapsulated silibinin treatment in DMBA-induced oral carcinogenesis using endogeneous fluorescence. <i>Analytical Methods</i> . 2014;6:9744-53.	1.938
24.	Krishnakumar N, Gurushankar K, Gohulkumar M, Nazeer SS, Jayasree RS, Madhavan NR. Endogenous porphyrin fluorescence as a biomarker for monitoring anti-angiogenic effect in antitumor response to hesperetin loaded nanoparticles in experimental oral carcinogenesis. <i>RSC Advances</i> . 2014;4:46896-906.	3.708
25.	Sini S, Deepa D, Harikrishnan S, Jayakumari N. Evidence for an exclusive association of matrix metalloproteinase-9 with dysfunctional high-density lipoprotein: A novel finding. <i>Atherosclerosis</i> . 2014;236(1):162-168.	3.991
26.	Victor SP, Jayabalan M. Bioactive, mechanically favorable and biodegradable copolymer nanocomposites for orthopedic applications. <i>J. of Mater. Sci and Engg C</i> . 2014;39(1):150-60.	3.076

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27.	Victor SP, Paul W, Jayabalan M, Sharma CP. Cucurbitural/Hydroxyapatite based nanoparticles for potential use in theranostic applications. <i>CrystEngComm</i> . 2014;16:6929-36.	3.858
28.	Victor SP, Paul W, Jayabalan M, Sharma CP. Supramolecular hydroxyapatite complexes as theranostic near-infrared luminescent drug carriers. <i>CrystEngComm</i> ,. 2014;16:9033-42.	3.858
29.	Victor SP, Jayabalan M. Polymer Ceramic Composite Materials for Orthopedic Applications . Relevance and need for mechanical match and bone regeneration. <i>J. Mechatron</i> . 2014;2(1).	1.947
30.	Sini S, Jayakumari N. Functionally defective high density lipoprotein is Pro-Oxidant: a Deviation from Normal Atheroprotective Character. <i>International Journal of Nutrition and Food Sciences</i> . 2013;2(3):92-101.	1.202
33.	Soumyarani VS, Jayakumari N. Oxidized HDL Induces Cytotoxic Effects: Implications for Atherogenic Mechanism. <i>Journal of biochemical and molecular toxicology</i> . 2014;28(11):481-9	1.596
34.	Dhanya VC, Sara PJ, Sanjai D, Amar F, Deepa PM, Santosh GR, Jissa VT, Pillai MR . Demographic and Clinical Characteristics of Pandemic Influenza A (H1N1) 2009 Outbreak in Kerala, Southern India. <i>British Microbiology Research Journal</i> . 2014;4(10):1142-53	
35.	Gayatri P, Misra S, Menon G, Arulvelan A,Jissa VT. Transesophageal echocardiographic evaluation of left ventricular systolic and diastolic function in response to 20% mannitol and 3% hypertonic saline infusion in neurosurgical patients undergoing cran. <i>J Neurosurg Anesthesiol.</i> . 2014;26(3):187-91	2.347

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36.	Surendran S, Girijamma A, Nair R, Ramegowda KS, Nair DH, Jissa V T, Lakkappa RB, Kamalapurkar G, Kartha CC. Forkhead box C2 Promoter Variant c.-512C.T Is Associated with Increased Susceptibility to Chronic Venous Diseases.. <i>PLoS ONE</i> . 2014;9(3):1-9	3.730
37.	Columbus S, Krishnan LK , Krishnan VK. Relating pore size variation of poly (epsilon-caprolactone) scaffolds to molecular weight of porogen and evaluation of scaffold properties after degradation. <i>Journal of Biomedical Materials Research part B: Applied Biomaterials</i> . 2014;102B(4):789-96	2.328
38.	Soumya Columbus, Krishnan LK, Krishnan VK. Modulating poly(epsilon-caprolactone) scaffold properties by altering porogen concentration for blood-vessel tissue engineering. <i>Journal of Biomaterials and Tissue Engineering</i> . 2014;4(6):450-58	1.167
39.	Kiran S, Joseph R. Synthesis and characterization of X-ray opaque polycarbonate urethane: Effect of a dihalogenated chain extender on radiopacity and hemocompatibility. <i>Journal of Biomedical Materials Research Part A</i> . 2014 . doi: 10.1002/jbm.a.35359	2.841
40.	Syama S, Reshma SC, Gayathri V, Varma HK, Mohanan PV. Assessment of hydroxyapatite nanoparticles induced oxidative stress- An in vitro study. <i>J Free Rad Antioxidants</i> . 2014;140:286-93	1.115
41.	Mohanan PV, Syama S, Sabareeswaran A, Sreekanth PJ, Varma HK. Molecular toxicity of dextran coated ferrite nanoparticles after dermal exposure to Wistar rats. <i>J of Toxicology and Health</i> . 2014;104:406-22	4.72

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42.	Reshma SC, Syama S, Leji B, Anju M, Sreekanth PJ, HK. Varma, Mohanan PV. Determination of antioxidant defense mechanism after acute oral administration of hydroxyapatite nanoparticles in rats. <i>J Free Rad Antioxidants</i> .. 2014;140:318-27	1.115
43.	Syama S, Reshma SC, Leji B, Anju M, Sreekanth PJ, Varma HK, Mohanan PV. Toxicity evaluation of dextran coated ferrite nanomaterials after acute oral exposure to Wistar rats. <i>J Allergy Ther</i> . 2014;5(2):166-	1.375
44.	Remya NS, Syama S, Gayathri V, Varma HK, Mohanan PV. An in vitro study on the interaction of hydroxyapatite nanoparticles and bone marrow mesenchymal stem cells for assessing the toxicological behavior. <i>Colloids Surf B Biointerfaces</i> . 2014;28(117C):389-97	4.287
45.	Gayathri V, Neelima R, Mohanan PV. Protective Effect of Melatonin On Kainic acid Induced-Liver Damage And Immune Modulatory Cytokines. <i>Immunome Res</i> .. 2014;S:2:-	
46.	Mohanan PV. Evaluation of Medical Devices. <i>Exp Rev Immunol Vaccine Informat</i> . 2014;1(1):4-13	
47.	Reshmitha TR, Remya NS, Mohanan PV. Toxicological evaluation of Imidazole following direct exposure to bone marrow mesenchymal stem cells. <i>Trends Biomater. Artif. Organs</i> . 2014;28(3):106-112	0.675
48.	Cherian RS, Sreejith R, Syama S, Sruthi S, Gayathri V, Maekawa T, Sakthikumar D and Mohanan PV. Evaluation of Toxicity of Maura Reduced Graphene Oxide using In vitro Systems. <i>J Nanomed Nanotechnol</i> . 2014;5(3):200	5.18
49.	Syama S, Sreekanth PJ, Varma HK, Mohanan PV. Zinc Oxide nanoparticles induced oxidative stress in mouse bone marrow mesenchymal stem cells. <i>Toxicol Mech Methods</i> . 2014;3:1-10	1.548

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50.	Reshma SC, Mohanan PV. Evaluating systemic toxicity in Rabbits after acute ocular exposure to irritant chemicals. <i>Advances in Toxicology</i> . 2014. <a href="http://dx.doi.org/10.1155/2014/262895">http://dx.doi.org/10.1155/2014/262895</a>	
51.	Gulia KK, Patel N, Kumar VM. Increased ultrasonic vocalizations and risk-taking in rat pups of sleep-deprived dams. <i>Physiol Behav</i> . 2015;139:59-66	3.150
52.	K.Gireesh, Jiji TS. Mental Health Programme For Children And Adolescents. <i>Teens Journal Of Teenage Care And Premarital Counselling</i> . 2002;2(8&9):59-63	
53.	Jiji TS. Care Giving Its Impact And Remedies. <i>Health Action</i> . 2007;20(9):15-16	
54.	Jiji TS. Care Giving Its Impact And Remedies. <i>Health Action</i> . 2007;20(8):29-31	
55.	Jiji TS. Co-Dependency Of The Families Of Alcoholics. <i>Health Action</i> . 2011;24(5):16-7	
56.	Jiji TS, Judith PH, Rakesh TP. Anxiety And Stress Among Informal Care Givers Of Mentally ill Patients In Kerala. <i>Ressaisir National Conference On Critical Reflections On Social Work</i> . 2010;42-42	
57.	Jiji TS. Care Giving- Caring Of Patients And Caring Of Carers. <i>Pratheeksha-Epilepsy News</i> . 2009;11(1):9-14	
58.	Jiji TS, Jayachandran D. Art Of Parenting. <i>Pratheeksha-Epilepsy News</i> . 2010;12(1):16-9	
59.	Jiji TS. Epilepsy-Some Myths And Facts. <i>Pratheeksha-Epilepsy News</i> . 2012;14(1):14-6	
60.	Jiji TS. Family Caregiving To Psychiatric Patients:Its Impact On Caregivers. <i>Rajagiri Journal Of Social Development</i> . 2007;3(1):43-61	

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61.	Jiji TS, RakeshTP. Are The Children Of Alcoholics Different? - An Overview. <i>Rajagiri Journal Of Social Development</i> . 2012;4(2):67-84	
62.	Kishore A, Popa T, Balachandran A, Chandran S, Pradeep S, Backer F, Krishnan S, Meunier S. Cerebellar sensory processing alterations impact motor cortical plasticity in Parkinson's disease: clues from dyskinetic patients. <i>Cereb Cortex</i> . 2014 Aug;24(8):2055-67. doi: 10.1093/cercor/bht058. Epub 2013 Mar 27 <a href="https://www.ncbi.nlm.nih.gov/pubmed/23535177">https://www.ncbi.nlm.nih.gov/pubmed/23535177</a>	
63.	Kishore A, Popa T. Cerebellum in levodopa-induced dyskinesias: the unusual suspect in the motor network. <i>Front Neurol</i> . 2014 Aug 18;5:157. doi: 10.3389/fneur.2014.00157. eCollection 2014. <a href="https://www.ncbi.nlm.nih.gov/pubmed/25183959">https://www.ncbi.nlm.nih.gov/pubmed/25183959</a>	
64.	Soman Biju. Participatory GIS in action, a public health initiative from Kerala, India. <i>ISPRS-International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences</i> . 2014 Nov; XL-8:233-37	