

Departmental Research Publications 2017 to 2025

SI No	PUBLICATION	INDEXING
1	Anu S , Roshini. A correlation study on trimester specific effect of pregnancy on maternal cognitive function using critical flicker fusion frequency. J Clin of Diagn Res	Embase, Google Scholar, Index Copernicus, DOAJ
2	K. G. Karthickeyan, R. Durai Arasan , S. Tamil Sudar, K. Akilandeswari. Nerve Conduction Study in Healthy Individuals. Int J Med Pub Health 2025; 15 (1); 1354-1358	EMBASE, Google Scholar, Index Copernicus
3	Shanmughavadivu. R, Durai Arasan.R . Effect of Pranayama on visual Reaction time in Young Adults. Indian Journal of Applied Research: Volume 10/Issue 3 / March 2020	PubMed, PubMed Central, Google Scholar, ICI
4	R. Durai Arasan . Comparison of multiscale entropy analysis of heart rate variability in young normotensive adults with and without parental history of hypertension. Natl J Physiol Pharm Pharmacol. (2025), [cited April 01, 2025]; 15(3): 234-239. doi:10.5455/NJPPP.2025.v15.i3.3	Copernicus, Google Scholar, ScopeMed
5	Himawani S, Ramesh R, Anu S , Anto JV. Perception of Taste and Smell in Sitting and Standing Posture among Healthy Individuals: A Cross-sectional	Embase, Google Scholar, Index



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	Study. J Clin of Diagn Res.2024; 18(6):CC31-CC34. https://www.doi.org/10.7860/JCDR/2024/69429/19539	Copernicus, DOAJ
6	R Shivani, Rekha Kanagamuthu, Saravanan Mohanraj, R Rajkumar, Anu Sengottaiyan. Detection of genetic mutation in lung cancer patients with the help of liquid biopsy in Madurai, India – a cross-sectional study. IJPCR. 2023; 15(1):544-551	Embase
7	Premananth P, Saravanan P S L, Nandhakumaran P, Anu S , Krithikalakshmi Sathiyamoorthy, Vijay Anto J. Post COVID-19 pulmonary function test in young healthcare workers in south Indian population – an observational study. NJPPP. 2023; 13:714-718.	Embase
8	Amritha Varshini Ragavan, AS Kaniethapriya, P Premananth, S Anu, J Vijay Anto. Study comparing the Timbre of Different Musical Sounds and its effect on sleep quality. JCDR. 2022.17(4):CC13-CC17	DOAJ, Web of science, Embase
9	S Anu, K Jeyashree, SN Vishnu Varthini, N Prasanna Venkatesh, J Vijay Anto. Effect of mint flavoured chewing gum in observing changes in cognitive function JCDR. 2022; 16 (6); (C06-C10)	DOAJ, Web of science, Embase



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10	Seetharam Pandiarajan Kausikan, Sengottaiyan Anu, Mohanraj Saravanan , Thulasiraman Devisri, Kanagamuthu Rekha, Rajpathy John The impact of Covid-19 on Auditory and Visual choice reaction time of non-Hospitalised patients. An observational study. IJSRDM, 2022;4(1):21-25	DOAJ
11	Ebenezer DA, Saravanan M. Understanding etymology: awareness among doctors and a tool in successful medical education. International Journal of Medical Science and Education 2022	Google Scholar, Copernicus
12	Selvakumar Palaniappan, Ramprassath Muthampatti Siddhan, Anu Sengottaiyan, Saravanan Mohanraj , Rohit Paul Effect of Lung specific tests in subjects with Fev1% predicted values less than 80% IJSRDMS. 2021; 23(3):117-121.	DOAJ
13	Johnson NN , Amirtham SM, Sandya Rani B, Sathishkumar S, Rebekah G, Vinod E. Assessment of the inherent chondrogenic potential of human articular cartilage-derived chondroprogenitors in pellet culture using a novel whole pellet processing approach. J Orthop [Internet]. 2022 Mar 23 [cited 2023 Jul 6];31:45–51. Available from: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8967706/	PubMed Central, Scopus



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14	Vinod E, Johnson NN , Kumar S, Amirtham SM, James JV, Livingston A, et al. Migratory chondroprogenitors retain superior intrinsic chondrogenic potential for regenerative cartilage repair as compared to human fibronectin derived chondroprogenitors. Sci Rep [Internet]. 2021 Dec 8 [cited 2022 Jan5];11:23685. Available from: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8654938/	PubMed Central, Scopus
15	Palaniappan S, Siddhan RM, Sengottaiyan A , Mohanraj S , Paul R. Effect of Lung Specific Yoga Mudras on Pulmonary Function Tests in subjects with FEV1% predicted values less than 80%. International Journal of Scientific Research in Dental and Medical Sciences, 2021;3(3):117-121.	ICI, DOAJ
16	Shanmugavadivu R, Durai Arasan R . Effect of pranayama on visual reaction time in young adults. Indian journal of applied research [internet]. 2020 Aug 24 [cited 2024 Feb 19];10(3)	Index Medicus
17	Dr. K. Rekha . Assessment of influence of Screen time on Quality of sleep among dental students. Annals of International Medical and Dental Research. 2020	Google Scholar, Index Copernicus, SIE, ARI, ASI, J-Gate, DAIJ, DRJI
18	Mohamed Rayeez A, Anu S , Rajalakshmi PG, Saravanan PSL, Jeyashree K. Influence of six weeks of supine slow leg raising abdominal exercise on abdominal fat. National Journal of physiology 2020;1(8):25-31.	Tamil Nadu Physiology Association journal



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19	Ramesh V, Ashokan S, Sengottaiyan A , et al. Profile of vitamin B12 deficiency and analysis of contributory factors among inpatients in a tertiary care hospital in Madurai, south India. J Evid Based Med Healthc 2020; 7(46), 2674-2679.	Google Scholar, Copernicus, Infobase, WHO-HINARI, J-Gate, DOAJ
20	Anu S , Uwaraja N, Somas kandan R, Vaira Praveena R, Jeyashree K, Ranjith VB. Assessment of Psychomotor Skill using Mentally Guided Imagery and Physical Practice in Medical Interns- An Interventional Study. Journal of Clinical and Diagnostic Research. 2020 Nov, Vol-14(11): CC01-CC03.	Web of science, DOAJ, EMBSE, ISA
21	Keba J , Paramita B. Effect of body mass index on post-exercise hypotension in healthy adult males. Original Research Natl J Physiol Pharm Pharmacol. 2019; 9(10): 1039-44.	Embase, Index Copernicus
22	Keba J , Rajesh JF, Paramita B. Effect of body mass index on time taken to attain maximum post-exercise hypotension in healthy adult males. National Journal of Physiology, Pharmacy and Pharmacology. 2019	Embase, Index Copernicus
23	Shanthi M , Rekha K , Saravanan M , Shree Lakshmi KN. Assessment of memory and cognitive functions in controlled and uncontrolled Type 2 diabetes mellitus patients. National Journal of Physiology Pharmacy and Pharmacology 2019;9(2):140-144.	Embase, Copernicus, Google Scholar, ScopeMed, J-Gate



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24	Saravanan PSL, Anu S , Vaira Praveena R, Preethi GR. Impact of alternate nostril breathing exercises on vascular parameters in hypertensive patients - An interventional study. Natl J Physiol Pharm Pharmacol 2019;9(3):210-214.	Embase, Copernicus, Google Scholar, J-Gate
25	Kanietha Priya A S, Anu S , Pooja Devi. Analysis of the effects of duration and quality of sleep on pain threshold and nerve conduction velocity on medical students. Natl J Physiol Pharm Pharmacol. 2019; 9(4): 353-5.	Embase, Copernicus, Google Scholar, J-Gate
26	Saravanan PSL, Anu S, Priya KAS Vijaybabu K, Paul R. Lung-specific yoga mudras on respiratory function in asthma patients. Natl J Physiol Pharm Pharmacol 2019;9(9):878-883.	Embase, Copernicus, Google Scholar, J-Gate
27	Anu S , Preethi GR, Praveena RV, Jeyashree K. Doppler evaluation of Common carotid artery hemodynamic parameters in patients with essential hypertension after Alternate Nostril Breathing exercises. J Evid Based Med Healthc.2019;6(29):1919-1922.	Google Scholar, Copernicus, Infobase, WHO-HINARI, J-Gate, DOAJ
28	Anu S, S Kaniethapriya A , Paul R, Jeyashree. Effect of specific yoga mudras on respiratory efficiency in asthma patients. Indian J Clin Anat Physiol 2019;6(3):353-358.	Copernicus, Google Scholar, J-Gate



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29	Anu S , Madhava Kumar V, Venkatesh, Vijay Anto J. Effect of passive and active upper limb movements on muscles of the lower limbs in spinal cord injury patients. National Journal of physiology.2019;7(1).	Tamil Nadu Physiology Association journal
30	Vijayakumar K, Mohanakrishnan L, Rieyaz HA, Rajpathy J , Selvakumar P, Deneshkumar V. Non-Infective Cough in Immediate Post Cardiac Surgery Patients. International Journal of Contemporary Medicine, Surgery and Radiology 2019	Index Copernicus
31	Rajpathy J , Mariappan M, Anto JV. Gender Differences on the Effect of Non-HDL-C on Blood Pressure, Blood Flow Velocities and Arterial Wall Thickness. An Observational Analysis in Madurai Population. Ann. Int. Med. Den. Res. 2018; 4(1):PH01-PH04.	Copernicus
32	Suganthi V, Anu S , Mathava Kumar V, Rekha K . Effect of breathing practices on visual and auditory reaction time of adolescent population in Madurai, India -A comparison of right and left nostril breathing. Indian J Clin Anat Physiol. 2018;5(1);52-57	Copernicus, Google Scholar, J-Gate
33	Saravanan P, Anu S , Mohamed Rayeez G, Rajalakshmi P. Effect of double straight leg exercise training on abdominal fat of adolescent population-An interventional study from Madurai, India. Annals of International Medical and Dental Research.2018; 4(5):13	Google Scholar, Copernicus, SIE, ARI, ASI, J-Gate, DAIJ, DRJI



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34	Saravanan P S L, Anu S , Kumar V M, Gender differences on pain threshold, body temperature and reaction time among elderly population after alternate nostril breathing exercises-A comparative study. Indian J Clin Anat Physiol 2018;5(4):483-487	Copernicus, Google Scholar, J-Gate
35	Rekha K, Anu S, Saravanan M. Analysis of motor nerve conduction and pain threshold in professional drivers. Annals of International Medical and Dental Research.2018; 4(5): PH04-PH07.	Google Scholar, Copernicus, SIE, ARI, ASI, J-Gate, DAIJ, DRJI
36	Kumar VM, Anu S. Immediate effect of slow right and left nostril deep breathing exercises on reaction time, pain sensitivity, and temperature of elderly population in Madurai. Nat J Physiol Pharm Pharmacol 2018;8(11):1543-1547	Embase, Copernicus, Google Scholar, J-Gate,
37	Laxmi C, Saravanan M. Exam Stress and Choice Reaction Time in First Year Medical Students. Journal of Evidence Based Medicine and Healthcare 2018; 5(31):2292-95.	Google Scholar, Copernicus, Infobase, WHO-HINARI, J-Gate, DOAJ



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38	Kanietha Priya A S , Ganesh Prasath S. Comparison of effect of aspartame (artificial sweetener) and aspartame sweetened diet drink on autonomic reactivity of volunteers, National Journal of Physiology, Pharmacy and Pharmacology 2018	Index Copernicus
39	Kanietha Priya A S , Ganesh Prasath S. A Comparative Study of Effects of Oropharyngeal Exercises and Continuous Positive Airway Pressure (CPAP) on Parameters of Sleep on Moderate Obstructive Sleep Apnoea Syndrome (OSAS) Patients, National Journal of Basic Medical Sciences. 2018	Index Copernicus
40	Rekha K, Anu S , Antony Selvi S. Assessment of aerobic power (VO_2 max) in different group of athletic females in relation with body mass index and Hemoglobin. Nat J Basic Med Sci. 2017;8(2):108-16.	Copernicus
41	Rajpathy J , Mariappan M, Anto JV. A Statistical Model to Predict Instantaneous Blood Pressure Using Velocity Measurements in the Radial Arteries. Ann. Int. Med. Den. Res. 2017; 3(3):PH10-PH13.	Copernicus



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42	Keba J, John Rajpathy, Jeyanthi A. EEG Spikes and Sharp Waves as a Guide to Anti-Epileptic Drug Therapy in Patients with Chronic Headache. A Retrospective Observational Analysis. Annals of International and Dental Research. 2017; 3(6):PH01-PH-04.	Copernicus
	Saravanan M, Aravindan K. Comparison of visual reaction time in myopic subjects with emmetropic subjects. Natl J Physiol Pharm Pharmacol 2017; 7(2):194-97	Embase, Index Copernicus, Google Scholar, ScopeMed, J-Gate