

# Pragna Rao

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

1,169  
citations

516710

16  
h-index

414414

32  
g-index

68  
all docs

68  
docs citations

68  
times ranked

1512  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reevaluation of the phenol-sulfuric acid reaction for the estimation of hexoses and pentoses. <i>Analytical Biochemistry</i> , 1989, 181, 18-22.	2.4	246
2	Genetic confirmation of T2DM meta-analysis variants studied in gestational diabetes mellitus in an Indian population. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2019, 13, 688-694.	3.6	97
3	Correlation of Serum Homocysteine Levels with the Severity of Coronary Artery Disease. <i>Indian Journal of Clinical Biochemistry</i> , 2014, 29, 339-344.	1.9	88
4	Evaluation of protein oxidation and its association with lipid peroxidation and thyrotropin levels in overt and subclinical hypothyroidism. <i>Endocrine</i> , 2013, 44, 152-157.	2.3	54
5	Investigation of Calpain 10 (rs2975760) gene polymorphism in Asian Indians with Gestational Diabetes Mellitus. <i>Meta Gene</i> , 2014, 2, 299-306.	0.6	51
6	Secreted frizzled related protein 4 (sFRP4) update: A brief review. <i>Cellular Signalling</i> , 2018, 45, 63-70.	3.6	46
7	Further studies on the mechanism of phenol-sulfuric acid reaction with furaldehyde derivatives. <i>Analytical Biochemistry</i> , 1990, 189, 178-181.	2.4	36
8	Evaluation of oxidative stress and severity of endometriosis. <i>Journal of Human Reproductive Sciences</i> , 2019, 12, 40.	0.9	36
9	Angiotensin-converting enzyme gene insertion/deletion polymorphism studies in Asian Indian pregnant women biochemically identifies gestational diabetes mellitus. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2014, 15, 566-571.	1.7	30
10	Correlation between KCNQ1 and KCNJ11 gene polymorphisms and type 2 and post-transplant diabetes mellitus in the Asian Indian population. <i>Genes and Diseases</i> , 2015, 2, 276-282.	3.4	27
11	Cadaver as a first teacher: A module to learn the ethics and values of cadaveric dissection. <i>Journal of Taibah University Medical Sciences</i> , 2020, 15, 94-101.	0.9	26
12	Pathophysiology and diagnosis of Guillain-Barré syndrome – challenges and needs. <i>International Journal of Neuroscience</i> , 2015, 125, 235-240.	1.6	25
13	Screening of mitochondrial mutations and insertion-deletion polymorphism in gestational diabetes mellitus in the Asian Indian population. <i>Saudi Journal of Biological Sciences</i> , 2015, 22, 243-248.	3.8	22
14	Maternal and fetal indicators of oxidative stress in various obstetric complications. <i>Indian Journal of Clinical Biochemistry</i> , 2003, 18, 80-86.	1.9	20
15	Evaluation of Gestational Diabetes Mellitus Risk in South Indian Women Based on MTHFR (C677T) and FVL (G1691A) Mutations. <i>Frontiers in Pediatrics</i> , 2015, 3, 34.	1.9	19
16	Validation of the association of $\gamma$ -TCF7L2 and $\gamma$ -SLC30A8 gene polymorphisms with post-transplant diabetes mellitus in Asian Indian population. <i>Intractable and Rare Diseases Research</i> , 2015, 4, 87-92.	0.9	18
17	Role of Glutamine Deamidation in Neurodegenerative Diseases Associated With Triplet Repeat Expansions: A Hypothesis. <i>Journal of Molecular Neuroscience</i> , 2006, 29, 29-34.	2.3	17
18	Malnutrition-inflammation-atherosclerosis syndrome in Chronic Kidney disease. <i>Indian Journal of Clinical Biochemistry</i> , 2008, 23, 209-217.	1.9	17

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19	Importance of glucokinase -258G/A polymorphism in Asian Indians with post-transplant and type 2 diabetes mellitus. <i>Intractable and Rare Diseases Research</i> , 2015, 5, 25-30.	0.9	16
20	Type 2 Diabetes Mellitus and the Association of Candidate Genes in Asian Indian Population from Hyderabad, India. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2015, 9, GC01-5.	0.8	16
21	Serum lipids and malondialdehyde levels in primiparous patients with pregnancy induced hypertension. <i>Indian Journal of Clinical Biochemistry</i> , 2006, 21, 189-192.	1.9	15
22	Diagnostic strategies for subclinical hypothyroidism. <i>Indian Journal of Clinical Biochemistry</i> , 2008, 23, 279-282.	1.9	15
23	Tumor necrosis factor alpha promoter polymorphism studies in pregnant women. <i>Journal of Reproductive Health and Medicine</i> , 2015, 1, 18-22.	0.3	13
24	Increased proteolysis of oxidatively damaged hemoglobin in erythrocyte lysates in diabetes mellitus. <i>Clinica Chimica Acta</i> , 1994, 225, 65-70.	1.1	12
25	Laboratory accreditation-procedural guidelines. <i>Indian Journal of Clinical Biochemistry</i> , 2005, 20, 186-188.	1.9	12
26	Mitochondrial Insertion-Deletion Polymorphism: Role in Disease Pathology. <i>Genetic Testing and Molecular Biomarkers</i> , 2011, 15, 361-364.	0.7	11
27	Plasma angiogenesis and oxidative stress markers in patients with diabetic retinopathy. <i>Biomarkers</i> , 2020, 25, 397-401.	1.9	11
28	Superficial Burn Wound Healing with Intermittent Negative Pressure Wound Therapy Under Limited Access and Conventional Dressings. <i>World Journal of Plastic Surgery</i> , 2016, 5, 265-273.	0.6	11
29	Evidence for the presence of somatic mitochondrial DNA mutations in right atrial appendage tissues of coronary artery disease patients. <i>Molecular Genetics and Genomics</i> , 2014, 289, 533-540.	2.1	10
30	Coronary artery disease and the frequencies of MTHFR and PON1 gene polymorphism studies in a varied population of Hyderabad, Telangana region in south India. <i>Journal of King Saud University - Science</i> , 2015, 27, 143-150.	3.5	10
31	Serum Copper and Vascular Endothelial Growth Factor (VEGF-A) in Dysfunctional Uterine Bleeding. <i>American Journal of Biochemistry and Molecular Biology</i> , 2011, 1, 284-290.	0.6	10
32	Cardiac troponin-T and CK-MB (mass) levels in cardiac and non cardiac disease. <i>Indian Journal of Clinical Biochemistry</i> , 2004, 19, 91-94.	1.9	9
33	Effect of limited access dressing on hydroxyproline and enzymatic antioxidant status in nonhealing chronic ulcers. <i>Indian Journal of Plastic Surgery</i> , 2014, 47, 216-220.	0.5	8
34	Epidemiological study of burn patients hospitalised at a burns centre, Manipal. <i>International Wound Journal</i> , 2019, 16, 79-83.	2.9	8
35	Biomarker Profiling for Pyridoxine Dependent Epilepsy in Dried Blood Spots by HILIC-ESI-MS. <i>International Journal of Analytical Chemistry</i> , 2018, 2018, 1-8.	1.0	7
36	Cost-Effective HPLC-UV Method for Quantification of Vitamin D <sub>2</sub> and D <sub>3</sub> in Dried Blood Spot: A Potential Adjunct to Newborn Screening for Prophylaxis of Intractable Paediatric Seizures. <i>Chemical and Pharmaceutical Bulletin</i> , 2019, 67, 88-95.	1.3	7

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37	A colorimetric method for the estimation of serum glycated proteins based on differential reduction of free and bound glucose by sodium borohydride. <i>Biochemical Medicine and Metabolic Biology</i> , 1988, 39, 296-304.	0.7	6
38	Anti-thyroid peroxidase antibodies: Its effect on thyroid gland and breast tissue. <i>Annals of Tropical Medicine and Public Health</i> , 2012, 5, 1.	0.1	6
39	Importance of Serum Copper and Vascular Endothelial Growth Factor (VEGF-A) Levels in Postmenopausal Bleeding. <i>Indian Journal of Clinical Biochemistry</i> , 2013, 28, 147-151.	1.9	6
40	Effects of limited access dressing in chronic wounds: A biochemical and histological study. <i>Indian Journal of Plastic Surgery</i> , 2015, 48, 022-028.	0.5	6
41	Nanoparticles: Is Toxicity a Concern?. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2011, 22, 92-101.	0.7	6
42	Degradation of glycated hemoglobin. <i>Clinica Chimica Acta</i> , 1997, 264, 13-25.	1.1	5
43	A comparative study to evaluate the effect of limited access dressing (LAD) on burn wound healing. <i>International Wound Journal</i> , 2016, 13, 791-798.	2.9	5
44	Development and validation of a dried blood spot test for thiamine deficiency among infants by HPLC-fluorimetry. <i>Biomedical Chromatography</i> , 2019, 33, e4668.	1.7	5
45	Novel HILIC-ESI-MS method for urinary profiling of MSUD and methylmalonic aciduria biomarkers. <i>Journal of Chromatographic Science</i> , 2019, 57, 715-723.	1.4	5
46	Micro-Raman Spectroscopy Analysis of Optically Trapped Erythrocytes in Jaundice. <i>Frontiers in Physiology</i> , 2020, 11, 821.	2.8	5
47	Need and Viability of Newborn Screening Programme in India: Report from a Pilot Study. <i>International Journal of Neonatal Screening</i> , 2022, 8, 26.	3.2	5
48	Degradation of glycated hemoglobin by erythrocytic proteolytic enzymes. <i>Clinica Chimica Acta</i> , 1996, 245, 201-208.	1.1	4
49	P3 Fraction: Effect on HbA1c Values by HPLC. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2016, 10, BC12-BC14.	0.8	4
50	Addressing a long-felt need: Introducing palliative care for MBBS Students in the new competency-Based Medical Education Curriculum. <i>Indian Journal of Palliative Care</i> , 2019, 25, 359.	1.0	4
51	Iron Indices in Patients with Functional Anemia in Chronic Kidney Disease. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2013, 24, 129-36.	0.7	4
52	Serum anti- $\text{tPO}$ levels in benign and malignant breast tumors. <i>Indian Journal of Clinical Biochemistry</i> , 2009, 24, 266-268.	1.9	3
53	Antiganglioside Antibodies in Sub Types of Guillain-Barre Syndrome in an Indian Population. <i>Journal of Medical Sciences (Faisalabad, Pakistan)</i> , 2010, 10, 138-142.	0.0	3
54	Association of hyperhomocysteinemia to alcohol withdrawal in chronic alcoholics. <i>Indian Journal of Clinical Biochemistry</i> , 2008, 23, 150-153.	1.9	2

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55	Amino Acid Profile and Lactate Pyruvate Ratio: Potential Adjunct Markers for Differentiating Inborn Errors of Metabolism. Indian Journal of Clinical Biochemistry, 2020, 35, 430-435.	1.9	2
56	Standardization of a dilution method for cyclosporin (C2) estimation in renal transplant patients. Indian Journal of Clinical Biochemistry, 2005, 20, 146-149.	1.9	1
57	Serum alpha-2-macroglobulin, antitrypsin and antichymotrypsin activities in patients receiving treatment with cyclosporine. Indian Journal of Clinical Biochemistry, 2006, 21, 63-66.	1.9	1
58	Development and Validation of GC-MS Bioanalytical Method to Detect Organic Acidemia in Neonatal/Pediatric Urine Samples. Pharmaceutical Chemistry Journal, 2018, 52, 582-586.	0.8	1
59	Computerized Morphometric Analysis of Eryptosis. Frontiers in Physiology, 2019, 10, 1230.	2.8	1
60	Biomarker profiling of vitamin responsive seizures: a potential tool to detect pediatric seizures of unknown aetiology. Bioanalysis, 2020, 12, 111-124.	1.5	1
61	Comparison of Plasma Levels of Renin, Vasopressin and Atrial Natriuretic Peptide in Hypertensive Amlodipine Induced Pedal Oedema, Non-Oedema and Cilnidipine Treated Patients. Journal of Clinical and Diagnostic Research JCDR, 2017, 11, FC05-FC08.	0.8	1
62	Association of Sepsis with Iron Overload in Hemodialysis Patients Receiving Intravenous Iron Therapy. Asian Journal of Biochemistry, 2011, 6, 252-262.	0.5	1
63	Changes in glycated proteins during impaired glucose tolerance. Indian Journal of Clinical Biochemistry, 1990, 5, 117-122.	1.9	0
64	Pathophysiology of Preeclampsia and Possible Role of Zinc in its Genesis. Current Women's Health Reviews, 2014, 10, 38-42.	0.2	0
65	A Case of Sanfillippo's Disease Correlating Clinical and Biochemical Findings. Indian Journal of Clinical Biochemistry, 2014, 29, 520-523.	1.9	0