

Nandan Kumar Mondal

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

935
citations

430442

18
h-index

454577

30
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42
all docs

42
docs citations

42
times ranked

1250
citing authors

#	ARTICLE	IF	CITATIONS
1	Gestational Diabetes Mellitus in a Tertiary Care Hospital of Kolkata, India: Prevalence, Pathogenesis and Potential Disease Biomarkers. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2020, 128, 216-223.	0.6	14
2	Commentary: Improving ventricular assist device design. Much achieved with further innovation on the horizon. <i>JTCVS Open</i> , 2020, 3, 152-153.	0.2	0
3	Management of Antiplatelet Therapy During Continuous-Flow Left Ventricular Assist Device Support After Thrombotic Hemorrhagic Events. <i>ASAIO Journal</i> , 2019, 65, 683-689.	0.9	5
4	Tetrahydrocurcumin epigenetically mitigates mitochondrial dysfunction in brain vasculature during ischemic stroke. <i>Neurochemistry International</i> , 2019, 122, 120-138.	1.9	54
5	High shear induces platelet dysfunction leading to enhanced thrombotic propensity and diminished hemostatic capacity. <i>Platelets</i> , 2019, 30, 112-119.	1.1	55
6	Inflammation, oxidative stress, and higher expression levels of Nrf2 and NQO1 proteins in the airways of women chronically exposed to biomass fuel smoke. <i>Molecular and Cellular Biochemistry</i> , 2018, 447, 63-76.	1.4	31
7	Exercise Mitigates Alcohol Induced Endoplasmic Reticulum Stress Mediated Cognitive Impairment through ATF6-Herp Signaling. <i>Scientific Reports</i> , 2018, 8, 5158.	1.6	29
8	Association of Oxidative Stress and Platelet Receptor Glycoprotein GPIIb/IIIa and GPVI Shedding During Nonsurgical Bleeding in Heart Failure Patients With Continuous-Flow Left Ventricular Assist Device Support. <i>ASAIO Journal</i> , 2018, 64, 462-471.	0.9	13
9	Probiotic Treatment Induces Neuroprotection in Hyperhomocysteinemia Mice after Ischemic Stroke. <i>FASEB Journal</i> , 2018, 32, 921.7.	0.2	0
10	Mechanism of Mitochondrial Dysfunction in Brain Vasculature during Ischemic Stroke: Role of Tetrahydrocurcumin. <i>FASEB Journal</i> , 2018, 32, 711.16.	0.2	0
11	Gut Microbiome Manipulation Promotes Bone Anabolism via Regulatory T Cell Differentiation in Obese Mice. <i>FASEB Journal</i> , 2018, 32, 924.5.	0.2	0
12	Alteration in Leukocyte Subsets and Expressions of FcγR and Complement Receptors among Female Ragpickers in Eastern India. <i>Safety and Health at Work</i> , 2017, 8, 198-205.	0.3	2
13	Mechanistic insight of platelet apoptosis leading to non-surgical bleeding among heart failure patients supported by continuous-flow left ventricular assist devices. <i>Molecular and Cellular Biochemistry</i> , 2017, 433, 125-137.	1.4	23
14	Infection, Oxidative Stress, and Changes in Circulating Regulatory T Cells of Heart Failure Patients Supported by Continuous-Flow Ventricular Assist Devices. <i>ASAIO Journal</i> , 2017, 63, 128-133.	0.9	16
15	Oxidative stress induced modulation of platelet integrin $\alpha 2\beta 3$ expression and shedding may predict the risk of major bleeding in heart failure patients supported by continuous flow left ventricular assist devices. <i>Thrombosis Research</i> , 2017, 158, 140-148.	0.8	19
16	Municipal Solid Waste Exposure and Health Concern: Indian Women are at Risk. <i>Journal of Health Education Research & Development</i> , 2016, 4, .	0.1	1
17	Paradoxical Effect of Nonphysiological Shear Stress on Platelets and von Willebrand Factor. <i>Artificial Organs</i> , 2016, 40, 659-668.	1.0	81
18	Increased risk of cardiovascular disease in premenopausal female ragpickers of Eastern India: involvement of inflammation, oxidative stress, and platelet hyperactivity. <i>Molecular and Cellular Biochemistry</i> , 2016, 419, 193-203.	1.4	12

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19	Systemic Inflammatory Response Syndrome in End-Stage Heart Failure Patients Following Continuous-Flow Left Ventricular Assist Device Implantation: Differences in Plasma Redox Status and Leukocyte Activation. <i>Artificial Organs</i> , 2016, 40, 434-443.	1.0	27
20	Quantification of Shear-Induced Platelet Activation: High Shear Stresses for Short Exposure Time. <i>Artificial Organs</i> , 2015, 39, 576-583.	1.0	57
21	Higher AgNOR Expression in Metaplastic and Dysplastic Airway Epithelial Cells Predicts the Risk of Developing Lung Cancer in Women Chronically Exposed to Biomass Smoke. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2015, 34, 35-51.	0.6	11
22	Comparison of Intraplatelet Reactive Oxygen Species, Mitochondrial Damage, and Platelet Apoptosis After Implantation of Three Continuous Flow Left Ventricular Assist Devices. <i>ASAIO Journal</i> , 2015, 61, 244-252.	0.9	18
23	Shear-induced platelet receptor shedding by non-physiological high shear stress with short exposure time: Glycoprotein I β and glycoprotein VI. <i>Thrombosis Research</i> , 2015, 135, 692-698.	0.8	58
24	Systemic Inflammatory Response Syndrome After Contentious-Flow Left Ventricular Assist Device Implantation and Change in Platelet Mitochondrial Membrane Potential. <i>Journal of Cardiac Failure</i> , 2015, 21, 564-571.	0.7	10
25	Activation and shedding of platelet glycoprotein IIb/IIIa under non-physiological shear stress. <i>Molecular and Cellular Biochemistry</i> , 2015, 409, 93-101.	1.4	64
26	Intraplatelet reactive oxygen species, mitochondrial damage and platelet apoptosis augment non-surgical bleeding in heart failure patients supported by continuous-flow left ventricular assist device. <i>Platelets</i> , 2015, 26, 536-544.	1.1	19
27	Systemic Inflammatory Response Syndrome after Contentious-Flow Left Ventricular Assist Device Implantation: Change in Platelet Mitochondrial Membrane Potential. <i>Journal of Cardiac Failure</i> , 2014, 20, S89.	0.7	0
28	Platelet glycoprotein I β ectodomain shedding and non-surgical bleeding in heart failure patients supported by continuous-flow left ventricular assist devices. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 71-79.	0.3	43
29	Biomass Smoke and Rural Health: Indian Women are at Risk. <i>Journal of Biosafety & Health Education</i> , 2014, 02, .	0.1	0
30	Oxidative Stress, DNA Damage and Repair in Heart Failure Patients after Implantation of Continuous Flow Left Ventricular Assist Devices. <i>International Journal of Medical Sciences</i> , 2013, 10, 883-893.	1.1	36
31	Commercial Glue Sniffing and Child Health: Indian Street Children are at a Risk. <i>Journal of Biosafety & Health Education</i> , 2013, 01, .	0.1	5
32	Neutrophilic Inflammatory Response and Oxidative Stress in Premenopausal Women Chronically Exposed to Indoor Air Pollution from Biomass Burning. <i>Inflammation</i> , 2012, 35, 671-683.	1.7	75
33	Activation of protein kinase B (PKB/Akt) and risk of lung cancer among rural women in India who cook with biomass fuel. <i>Toxicology and Applied Pharmacology</i> , 2012, 259, 45-53.	1.3	19
34	Micronucleus formation and DNA damage in buccal epithelial cells of Indian street boys addicted to gasp \hat{a} €Golden glue \hat{a} ™. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 721, 178-183.	0.9	13
35	Quantitative analysis of AgNOR proteins in buccal epithelial cells of Indian street boys addicted to gasp \hat{a} €golden glue \hat{a} ™. <i>Experimental and Toxicologic Pathology</i> , 2011, 63, 677-681.	2.1	8
36	Assessment of DNA damage by comet assay and fast halo assay in buccal epithelial cells of Indian women chronically exposed to biomass smoke. <i>International Journal of Hygiene and Environmental Health</i> , 2011, 214, 311-318.	2.1	34

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37	Upregulation of AgNOR expression in epithelial cells and neutrophils in the airways and leukocytes in peripheral blood of women chronically exposed to biomass smoke. , 2011, 33, 50-9.		3
38	Micronucleus formation, DNA damage and repair in premenopausal women chronically exposed to high level of indoor air pollution from biomass fuel use in rural India. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2010, 697, 47-54.	0.9	55
39	Indoor Air Pollution from Biomass Burning Activates Akt in Airway Cells and Peripheral Blood Lymphocytes. Toxicologic Pathology, 2010, 38, 1085-1098.	0.9	11
40	Effect of Indoor Air Pollution from Biomass Fuel Use on Argyrophilic Nuclear Organizer Regions in Buccal Epithelial Cells. Journal of Environmental Pathology, Toxicology and Oncology, 2009, 28, 253-259.	0.6	9
41	A Simpler, Cheaper and Quicker Method to Study Somatic Chromosomes from Goat, Capra hircus (L.). Cytologia, 2007, 72, 419-425.	0.2	2