

Kusal K Das

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

1,403
citations

361296

20
h-index

377752

34
g-index

109
all docs

109
docs citations

109
times ranked

1592
citing authors

#	ARTICLE	IF	CITATIONS
1	Total Reflection X-ray Fluorescence Analysis of Plasma Elements in Autistic Children from India. <i>Biological Trace Element Research</i> , 2023, 201, 644-654.	1.9	3
2	Screening and Development of Transglutaminase-2 Inhibitors and their Derivative as Anti-lung Cancer Agent by in silico and in vitro Approaches. <i>Current Computer-Aided Drug Design</i> , 2022, 18, 41-51.	0.8	0
3	Genetic Analysis of Neuroligin 4Y Gene in Autism Population of India. <i>Global Medical Genetics</i> , 2022, 09, 018-022.	0.4	1
4	Interplay of Oxidative Stress and Nitric Oxide Synthase Gene Expression on Cardiovascular Responses in Preeclampsia. <i>Revista Brasileira De Ginecologia E Obstetricia</i> , 2022, 44, 214-219.	0.3	2
5	Human homeostatic iron regulator gene polymorphism in autistic population of India; a case-control study. <i>Gene Reports</i> , 2022, 26, 101518.	0.4	1
6	Molecular Docking Identifies Novel Phytochemical Inhibitors Against SARS-COV-2 for Covid-19 Therapy. <i>Research Journal of Pharmacy and Technology</i> , 2022, , 555-558.	0.2	6
7	Analysis of Genetic Variations in Connexin 26 (GJB2) Gene among Nonsyndromic Hearing Impairment: Familial Study. <i>Global Medical Genetics</i> , 2022, 09, 152-158.	0.4	1
8	Efficacy of BAINS Circuit in Treating Critically Ill Hypoxemic COVID-19 Patients During the Second Wave of the Pandemic in India. <i>Reviews on Recent Clinical Trials</i> , 2022, 17, 86-91.	0.4	0
9	Hypoxia and its preconditioning on cardiac and vascular remodelling in experimental animals. <i>Respiratory Physiology and Neurobiology</i> , 2021, 285, 103588.	0.7	2
10	COVID-19 and Pneumolysis Simulating Extreme High-altitude Exposure with Altered Oxygen Transport Physiology; Multiple Diseases, and Scarce Need of Ventilators: Andean Condor's-eye-view. <i>Reviews on Recent Clinical Trials</i> , 2021, 15, 347-359.	0.4	12
11	Molecular alteration in the Gap Junction Beta 2 (<i>GJB2</i>) gene associated with non-syndromic sensorineural hearing impairment. <i>Intractable and Rare Diseases Research</i> , 2021, 10, 31-36.	0.3	3
12	Terminalia arjuna supplementation ameliorates high fat diet-induced oxidative stress in nephrotoxic rats. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2021, .	0.7	4
13	Novel frameshift mutation in Indian autistic population causes neuroligin and neurexin binding defect. <i>Gene Reports</i> , 2021, 24, 101245.	0.4	0
14	Genetic analysis of the postsynaptic transmembrane X-linked neuroligin 3 gene in autism. <i>Genomics and Informatics</i> , 2021, 19, e44.	0.4	2
15	Mutation analysis and characterisation of <i>F9</i> gene in haemophilia- B population of India. <i>Blood Research</i> , 2021, 56, 252-258.	0.5	4
16	Protective Actions of Cilnidipine: Dual L/N-Type Calcium Channel Blocker Against Hypertensive Renal Injury in Rats. <i>Biomedical and Pharmacology Journal</i> , 2021, 14, 1887-1893.	0.2	1
17	Effect of L-Ascorbic Acid on Nickel-Induced Alteration of Cardiovascular Pathophysiology in Wistar Rats. <i>Biological Trace Element Research</i> , 2020, 195, 178-186.	1.9	5
18	Tailor-made electrically-responsive poly(acrylamide)-graft-pullulan copolymer based transdermal drug delivery systems: Synthesis, characterization, in-vitro and ex-vivo evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 56, 101525.	1.4	55

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19	Nickel and Oxidative Stress: Cell Signaling Mechanisms and Protective Role of Vitamin C. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020, 20, 1024-1031.	0.6	16
20	Functionally Tailored Electro-Sensitive Poly(Acrylamide)-g-Pectin Copolymer Hydrogel for Transdermal Drug Delivery Application: Synthesis, Characterization, In-vitro and Ex-vivo Evaluation. <i>Drug Delivery Letters</i> , 2020, 10, 185-196.	0.2	28
21	Low oxygen microenvironment and cardiovascular remodeling: Role of dual L/N.type Ca ²⁺ channel blocker. <i>Indian Journal of Pharmacology</i> , 2020, 52, 383.	0.4	1
22	Molecular Analysis of Neuronal Cell Surface Protein gene; Neuroligin 3 in Autism Spectrum Disorder. <i>BLDE University Journal of Health Sciences</i> , 2020, 5, 27.	0.0	0
23	Interplay of oxidative stress and nitric oxide synthase gene expression on cardiovascular responses in preeclampsia. <i>BLDE University Journal of Health Sciences</i> , 2020, 5, 47.	0.0	0
24	Screening of 35delG, W24X, W77X and Q124X Variants in connexin 26 gene associated with Non-Syndromic Hearing Impairment. <i>BLDE University Journal of Health Sciences</i> , 2020, 5, 28.	0.0	0
25	The 4Hz Pulsing Magnetic Field (PMF) has Common therapeutic effects on Patients Subjected to Different Pain Stress. <i>BLDE University Journal of Health Sciences</i> , 2020, 5, 23.	0.0	0
26	Emblca officinalis (Amla) Ameliorates High-Fat Diet Induced Alteration of Cardiovascular Pathophysiology. <i>Cardiovascular and Hematological Agents in Medicinal Chemistry</i> , 2019, 17, 52-63.	0.4	10
27	Polysaccharide-based stimuli-sensitive graft copolymers for drug delivery. , 2019, , 155-177.		8
28	Novel pH-sensitive interpenetrated network polyspheres of polyacrylamide-g-locust bean gum and sodium alginate for intestinal targeting of ketoprofen: In vitro and in vivo evaluation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 180, 362-370.	2.5	25
29	Primary concept of nickel toxicity – an overview. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2019, 30, 141-152.	0.7	211
30	Heavy Metals and Low-Oxygen Microenvironment – Its Impact on Liver Metabolism and Dietary Supplementation. , 2019, , 315-332.		8
31	Serum VEGF and TNF- α Correlate Bacterial Burden in Pulmonary Tuberculosis. <i>Indian Journal of Public Health Research and Development</i> , 2019, 10, 189.	0.1	2
32	Antioxidants and Antibodies in Structural Thyroid Diseases. <i>Indian Journal of Public Health Research and Development</i> , 2019, 10, 299.	0.1	0
33	Serum Lipid Profile among the Patients of Various Cardiac Diseases Admitted in Intensive Cardiac Care Unit (ICCU). <i>Indian Journal of Public Health Research and Development</i> , 2019, 10, 706.	0.1	0
34	L-ascorbic Acid Supplementation Ameliorates Sodium Fluoride Induced Alteration of Cardiac Autonomic Functions in Hypoxic Rats. <i>Indian Journal of Public Health Research and Development</i> , 2019, 10, 165.	0.1	0
35	Nickel Induced Alteration of Pathophysiology of Lungs in Experimental Rats. <i>Indian Journal of Public Health Research and Development</i> , 2019, 10, 145.	0.1	0
36	Alteration of Serum Vitamin D in Patients of Myocardial Infarction and Ischemic Heart Diseases. <i>Indian Journal of Public Health Research and Development</i> , 2019, 10, 475.	0.1	0

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37	Hypoxia, Nobel Prize 2019 in Physiology or Medicine and Nanduri R. Prabhakar. BLDE University Journal of Health Sciences, 2019, 4, 53.	0.0	0
38	Pharmacist Led Assessment of Medication Inappropriateness in a Medicine Department of a Tertiary Care Hospital. Indian Journal of Pharmacy Practice, 2019, 12, 262-266.	0.1	0
39	Does Serum Ferritin Concentration Influence Antioxidant Vitamin C in Type 2 Diabetes?. Indian Journal of Public Health Research and Development, 2019, 10, 300.	0.1	0
40	Introductory Chapter: Primary Concept of Hypoxia and Anoxia. , 2018, , .		2
41	Subchronic hypoxia pretreatment on brain pathophysiology in unilateral common carotid artery occluded albino rats. Indian Journal of Pharmacology, 2018, 50, 185.	0.4	6
42	Sub-chronic indomethacin treatment and its effect on the male reproductive system of albino rats: possible protective role of black tea extract. Journal of Basic and Clinical Physiology and Pharmacology, 2017, 28, 201-207.	0.7	4
43	Comparison of yoga and walking-exercise on cardiac time intervals as a measure of cardiac function in elderly with increased pulse pressure. Indian Heart Journal, 2017, 69, 485-490.	0.2	22
44	Groundwater fluoride contamination and its possible health implications in Indi taluk of Vijayapura District (Karnataka State), India. Environmental Geochemistry and Health, 2017, 39, 1017-1029.	1.8	25
45	Effect of Anti-stress Activity of Fluoxetine on Restrained Stress Induced Male Albino Rats in Hematological Parameters and Whole Brain Histopathology. Journal of Young Pharmacists, 2017, 9, 246-250.	0.1	6
46	Protective effects of Ethanolic Extract of Emblica Officinalis (amla) on Cardiovascular Pathophysiology of Rats, Fed with High Fat Diet. Journal of Clinical and Diagnostic Research JCDR, 2017, 11, CC05-CC09.	0.8	11
47	A Comparative Study on Anti-diabetic Effects of Aqueous Trigonella foenum graecum, Hibiscus cannabinus Linn, and Cicer arietinum extracts on Alloxan Induced Diabetic Male Albino Rats. Journal of Young Pharmacists, 2017, 9, 230-233.	0.1	1
48	Effects of Some Indigenous Plants of North Karnataka (India) on Cardiovascular and Glucose Regulatory Systems in Alloxan-Induced Diabetic Rats. Cardiovascular and Hematological Agents in Medicinal Chemistry, 2017, 15, 49-61.	0.4	3
49	Possible Hypoxia Signaling Induced Alteration of Glucose Homeostasis in Rats Exposed to Chronic Intermittent Hypoxia - Role of Antioxidant (Vitamin C) and Ca ²⁺ Channel Blocker (Cilnidipine). Current Signal Transduction Therapy, 2016, 11, 49-55.	0.3	2
50	Effect of Drug Alprazolam on Restrained Stress Induced Alteration of Serum Cortisol and Antioxidant Vitamins (Vitamin C and E) in Male Albino Rats. Journal of Clinical and Diagnostic Research JCDR, 2016, 10, AF07-9.	0.8	4
51	Rational Hyperoxia in the Perioperative Period: a Safe and Effective Tool in the Reduction of SSI. Indian Journal of Surgery, 2016, 78, 27-31.	0.2	3
52	Hypoglycemic activity of curcumin synthetic analogues in alloxan-induced diabetic rats. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 99-105.	2.5	23
53	HEPATOPROTECTIVE EFFECT OF NIGELLA SATIVA SEED IN STERPTOZOTOCINE INDUCED DIABETIC ALBINO RATS: HISTOLOGICAL OBSERVATIONS. International Journal of Anatomy and Research, 2016, 4, 2459-2463.	0.0	4
54	Antioxidant Effect of Nigella Sativa Seed Powder and Thymoquinone in Normal and Sterptozotocine Induced Diabetic Albino Rats. International Journal of Integrative Medical Sciences, 2016, 3, 242-247.	0.0	3

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55	Knowledge on Ethical Authorship: A Comparative Study Between Medical And Pharmacy Faculty. Journal of Young Pharmacists, 2016, 8, 136-140.	0.1	7
56	Effect of Nigella Sativa seed and Thymoquinone on Reproductive Parameters in Sterptozotocine Induced Diabetic and Normal Male Albino Rats. International Journal of Integrative Medical Sciences, 2016, 3, 248-252.	0.0	2
57	EFFECT OF NIGELLA SATIVA SEED ON STREPTOZOTOCIN INDUCED DIABETIC RENO TOXICITY: HISTOLOGICAL OBSERVATIONS. International Journal of Anatomy and Research, 2016, 4, 2566-2570.	0.0	0
58	Effect of yoga on arterial stiffness in elderly subjects with increased pulse pressure: A randomized controlled study. Complementary Therapies in Medicine, 2015, 23, 562-569.	1.3	53
59	Î±-tocopherol supplementation prevents lead acetate and hypoxia-induced hepatic dysfunction. Indian Journal of Pharmacology, 2015, 47, 285.	0.4	10
60	Hypoxia, Lead Toxicities and Oxidative Stress: Cell Signaling, Molecular Interactions and Antioxidant (Vitamin C) Defense. Current Signal Transduction Therapy, 2015, 9, 113-122.	0.3	6
61	Effect of Occupational Exposure on Blood Cell Counts, Electrocardiogram and Blood Pressure in Rice Mill Workers. Journal of Clinical and Diagnostic Research JCDR, 2015, 9, CC01-3.	0.8	1
62	Effect of Yoga on Oxidative Stress in Elderly with Grade-I Hypertension: A Randomized Controlled Study. Journal of Clinical and Diagnostic Research JCDR, 2014, 8, BC04-7.	0.8	39
63	Comparison of the effects of yoga and lifestyle modification on grade-I hypertension in elderly males: A preliminary study. International Journal of Clinical and Experimental Physiology, 2014, 1, 68.	0.2	6
64	Black tea extract ameliorates indomethacin induced changes in testicular histopathology of albino rats. Journal of Young Pharmacists, 2014, 6, 53-57.	0.1	1
65	ESTIMATION OF SERUM NITRITE IN INDIVIDUALS WITH PRIMARY HYPERTENSION. Journal of Evolution of Medical and Dental Sciences, 2014, 3, 11386-11393.	0.1	0
66	Ameliorating effect of black tea extract on cadmium chloride-induced alteration of serum lipid profile and liver histopathology in rats. Indian Journal of Physiology and Pharmacology, 2014, 58, 128-32.	0.4	9
67	Environmental arsenic contamination and its health effects in a historic gold mining area of the Mangalur greenstone belt of Northeastern Karnataka, India. Journal of Hazardous Materials, 2013, 262, 1048-1055.	6.5	64
68	Protective effect of l-ascorbic acid on nickel induced pulmonary nitrosative stress in male albino rats. BioMetals, 2013, 26, 329-336.	1.8	13
69	Conflict of Interest - Serious Issue on Publication Ethics for Indian Medical Journals. Journal of the Nepal Medical Association, 2013, 52, .	0.1	5
70	Î±-Tocopherol ameliorates nickel induced testicular oxidative and nitrosative stress in albino rats. Journal of Basic and Clinical Physiology and Pharmacology, 2012, 23, 77-82.	0.7	10
71	A modified simple method for determination of serum Î±-tocopherol (vitamin E). Journal of Basic and Clinical Physiology and Pharmacology, 2012, 23, 45-48.	0.7	13
72	Alteration of chemical behavior of Lâ€“ascorbic acid in combination with nickel sulfate at different pH solutions in vitro. Asian Pacific Journal of Tropical Biomedicine, 2012, 2, 220-222.	0.5	15

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73	Serum Vitamin E (α-Tocopherol) Estimation: A Potential Biomarker of Antioxidant Status Evaluation on Heavy Metal Toxicities. <i>Recent Patents on Biomarkers</i> , 2012, 3, 36-43.	0.3	5
74	Hexavalent chromium and its effect on health: possible protective role of garlic (<i>Allium sativum</i>) Tj ETQq0 0 0 rgBT Overlock 10 Tf 50 70	0.7	7
75	Diagnosis of Oesophagostomum columbianum infection in goat by indirect enzyme linked immunosorbent assay. <i>Helminthologia</i> , 2010, 47, 83-87.	0.3	3
76	Polyclonal antibody based coproantigen detection immunoassay for diagnosis of Oesophagostomum columbianum infection in goats. <i>Veterinary Parasitology</i> , 2010, 170, 262-267.	0.7	8
77	Effect of Cell Phone Exposure on Physiologic and Hematologic Parameters of Male Medical Students in Bijapur (Karnataka) with Reference to Serum Lipid Profile. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2010, 21, 201-210.	0.7	3
78	L-Ascorbic Acid and Alpha-Tocopherol Supplementation and Antioxidant Status in Nickel-or Lead-Exposed Rat Brain Tissue. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2010, 21, 325-346.	0.7	20
79	Electrocardiogram of Clinically Healthy Mithun (<i>Bos frontalis</i>): Variation among Strains. <i>Veterinary Medicine International</i> , 2010, 2010, 1-8.	0.6	2
80	Effect of garlic (<i>Allium sativum</i>) on nickel II or chromium VI induced alterations of glucose homeostasis and hepatic antioxidant status under sub-chronic exposure conditions. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2009, 20, 1-14.	0.7	14
81	Determination of sensitivity among various cardiovascular autonomic function tests in diabetic patients of Bijapur. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2009, 20, 187-96.	0.7	1
82	Determination of sensitivity among various cardiovascular autonomic function tests in diabetic patients of Bijapur. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2009, 20, 89-97.	0.7	0
83	Effect of antioxidants l-ascorbic acid and alpha-tocopherol supplementation in nickel-exposed hyperglycemic rats. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2008, 19, 89-102.	0.7	23
84	Effect of Garlic (<i>Allium sativum</i>) on Heavy Metal (Nickel II and ChromiumVI) Induced Alteration of Serum Lipid Profile in Male Albino Rats. <i>International Journal of Environmental Research and Public Health</i> , 2008, 5, 147-151.	1.2	11
85	Effect of Garlic (<i>Allium sativum</i>) on Heavy Metal (Nickel II and ChromiumVI) Induced Alteration of Serum Lipid Profile in Male Albino Rats. <i>International Journal of Environmental Research and Public Health</i> , 2008, 5, 147-151.	1.2	14
86	Effect of nickel exposure on peripheral tissues: Role of oxidative stress in toxicity and possible protection by ascorbic acid. <i>Reviews on Environmental Health</i> , 2007, 22, 157-73.	1.1	71
87	Occupational lead exposure in battery manufacturing workers, silver jewelry workers, and spray painters in western Maharashtra (India): effect on liver and kidney function. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2007, 18, 87-100.	0.7	35
88	Effect of l-ascorbic acid on antioxidant defense system in testes of albino rats exposed to nickel sulfate. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2007, 18, 255-266.	0.7	17
89	Protective role of l-ascorbic acid on antioxidant defense system in erythrocytes of albino rats exposed to nickel sulfate. <i>BioMetals</i> , 2007, 20, 177-184.	1.8	26
90	Effect of Lead (Pb) Exposure on the Activity of Superoxide Dismutase and Catalase in Battery Manufacturing Workers (BMW) of Western Maharashtra (India) with Reference to Heme biosynthesis. <i>International Journal of Environmental Research and Public Health</i> , 2006, 3, 329-337.	1.2	76

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91	L-Ascorbic Acid Protects the Antioxidant Defense System in Nickel- Exposed Albino Rat Lung Tissue. Journal of Basic and Clinical Physiology and Pharmacology, 2006, 17, 87-100.	0.7	22
92	Biochemical Aspects of Lead Exposure in Silver Jewelry Workers in Western Maharashtra (India). Journal of Basic and Clinical Physiology and Pharmacology, 2006, 17, 213-230.	0.7	22
93	Effect of L-Ascorbic Acid on Nickel-Induced Alterations in Serum Lipid Profiles and Liver Histopathology in Rats. Journal of Basic and Clinical Physiology and Pharmacology, 2006, 17, 29-44.	0.7	33
94	Studies on the Role of Ascorbic Acid in Nickel Induced Hepatic Nucleic Acid Concentrations in Rats. Journal of Basic and Clinical Physiology and Pharmacology, 2004, 15, 185-196.	0.7	11
95	Effect of nickel sulfate on testicular steroidogenesis in rats during protein restriction.. Environmental Health Perspectives, 2002, 110, 923-926.	2.8	50
96	Influence Of Ascorbic Acid Against Nickel-Induced Hepatic Lipid Peroxidation In Rats. Journal of Basic and Clinical Physiology and Pharmacology, 2001, 12, 187-196.	0.7	58
97	Effect of Nickel on Testicular Nucleic Acid Concentrations of Rats on Protein Restriction. Biological Trace Element Research, 2000, 73, 175-180.	1.9	38
98	Alteration of testicular biochemistry during protein restriction in nickel treated rats. Biological Trace Element Research, 1997, 60, 243-249.	1.9	24
99	Biosynthesis in vitro of core lacto-series glycosphingolipids by N-acetyl-d-glucosaminyltransferases from human colon carcinoma cells, Colo 205. Carbohydrate Research, 1991, 209, 261-277.	1.1	19
100	Ethical Publications in Medical Research. , 0, , .		2
101	Introductory Chapter: Free Radical Biology in Metal Toxicitiesâ€”Role of Antioxidants. , 0, , .		0
102	Age-associated changes in vascular health and its relation with erythropoietin. Indian Journal of Physiology and Pharmacology, 0, 65, 119-126.	0.4	2
103	Role of TNF-Î± on the Function of Erythropoietin and Haematological Profile in Pulmonary Tuberculosis Patients. Journal of Clinical and Diagnostic Research JCDR, 0, , .	0.8	0
104	Serum Vascular Endothelial Growth Factor and Aging: Study among Urban Population of Vijayapur, Karnataka, India. Journal of Clinical and Diagnostic Research JCDR, 0, , .	0.8	0