

Kusal K Das

List of Publications by Year in descending order

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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	Primary concept of nickel toxicity – an overview. Journal of Basic and Clinical Physiology and Pharmacology, 2019, 30, 141-152.	0.7	211
2	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. International Journal of Environmental Research and Public Health, 2006, 3, 329-337.	1.2	76
3	Effect of nickel exposure on peripheral tissues: Role of oxidative stress in toxicity and possible protection by ascorbic acid. Reviews on Environmental Health, 2007, 22, 157-73.	1.1	71
4	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
5	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
6	Tailor-made electrically-responsive poly(acrylamide)-graft-pullulan copolymer based transdermal drug delivery systems: Synthesis, characterization, in-vitro and ex-vivo evaluation. Journal of Drug Delivery Science and Technology, 2020, 56, 101525.	1.4	55
7	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
8	Effect of nickel sulfate on testicular steroidogenesis in rats during protein restriction.. Environmental Health Perspectives, 2002, 110, 923-926.	2.8	50
9	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
10	Effect of Nickel on Testicular Nucleic Acid Concentrations of Rats on Protein Restriction. Biological Trace Element Research, 2000, 73, 175-180.	1.9	38
11	Occupational lead exposure in battery manufacturing workers, silver jewelry workers, and spray painters in western Maharashtra (India): effect on liver and kidney function. Journal of Basic and Clinical Physiology and Pharmacology, 2007, 18, 87-100.	0.7	35
12	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
13	Functionally Tailored Electro-Sensitive Poly(Acrylamide)-g-Pectin Copolymer Hydrogel for Transdermal Drug Delivery Application: Synthesis, Characterization, In-vitro and Ex-vivo Evaluation. Drug Delivery Letters, 2020, 10, 185-196.	0.2	28
14	Protective role of l-ascorbic acid on antioxidant defense system in erythrocytes of albino rats exposed to nickel sulfate. BioMetals, 2007, 20, 177-184.	1.8	26
15	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
16	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. Colloids and Surfaces B: Biointerfaces, 2019, 180, 362-370.	2.5	25
17	Alteration of testicular biochemistry during protein restriction in nickel treated rats. Biological Trace Element Research, 1997, 60, 243-249.	1.9	24
18	Effect of antioxidants l-ascorbic acid and alpha-tocopherol supplementation in nickel-exposed hyperglycemic rats. Journal of Basic and Clinical Physiology and Pharmacology, 2008, 19, 89-102.	0.7	23

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19	Hypoglycemic activity of curcumin synthetic analogues in alloxan-induced diabetic rats. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 99-105.	2.5	23
20	L-Ascorbic Acid Protects the Antioxidant Defense System in Nickel- Exposed Albino Rat Lung Tissue. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2006, 17, 87-100.	0.7	22
21	Biochemical Aspects of Lead Exposure in Silver Jewelry Workers in Western Maharastra (India). <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2006, 17, 213-230.	0.7	22
22	Comparison of yoga and walking-exercise on cardiac time intervals as a measure of cardiac function in elderly with increased pulse pressure. <i>Indian Heart Journal</i> , 2017, 69, 485-490.	0.2	22
23	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
24	Biosynthesis in vitro of core lacto-series glycosphingolipids by N-acetyl-d-glucosaminyltransferases from human colon carcinoma cells, Colo 205. <i>Carbohydrate Research</i> , 1991, 209, 261-277.	1.1	19
25	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
26	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
27	Alteration of chemical behavior of L-ascorbic acid in combination with nickel sulfate at different pH solutions in vitro. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, 220-222.	0.5	15
28	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
29	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
30	A modified simple method for determination of serum $\hat{\pm}$ -tocopherol (vitamin E). <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2012, 23, 45-48.	0.7	13
31	Protective effect of l-ascorbic acid on nickel induced pulmonary nitrosative stress in male albino rats. <i>BioMetals</i> , 2013, 26, 329-336.	1.8	13
32	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
33	Studies on the Role of Ascorbic Acid in Nickel Induced Hepatic Nucleic Acid Concentrations in Rats. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2004, 15, 185-196.	0.7	11
34	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
35	Protective effects of Ethanolic Extract of <i>Emblca Officinalis</i> (amla) on Cardiovascular Pathophysiology of Rats, Fed with High Fat Diet. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2017, 11, CC05-CC09.	0.8	11
36	$\hat{\pm}$ -Tocopherol ameliorates nickel induced testicular oxidative and nitrosative stress in albino rats. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2012, 23, 77-82.	0.7	10

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37	Î±-tocopherol supplementation prevents lead acetate and hypoxia-induced hepatic dysfunction. Indian Journal of Pharmacology, 2015, 47, 285.	0.4	10
38	Emblca officinalis (Amla) Ameliorates High-Fat Diet Induced Alteration of Cardiovascular Pathophysiology. Cardiovascular and Hematological Agents in Medicinal Chemistry, 2019, 17, 52-63.	0.4	10
39	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
40	Polyclonal antibody based coproantigen detection immunoassay for diagnosis of Oesophagostomum columbianum infection in goats. Veterinary Parasitology, 2010, 170, 262-267.	0.7	8
41	Polysaccharide-based stimuli-sensitive graft copolymers for drug delivery. , 2019, , 155-177.		8
42	Heavy Metals and Low-Oxygen Microenvironmentâ€™s Impact on Liver Metabolism and Dietary Supplementation. , 2019, , 315-332.		8
43	Hexavalent chromium and its effect on health: possible protective role of garlic (Allium sativum) Tj ETQq1 1 0.784314 rgBT /Qverlock 10	0.7	7
44	Knowledge on Ethical Authorship: A Comparative Study Between Medical And Pharmacy Faculty. Journal of Young Pharmacists, 2016, 8, 136-140.	0.1	7
45	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
46	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
47	Subchronic hypoxia pretreatment on brain pathophysiology in unilateral common carotid artery occluded albino rats. Indian Journal of Pharmacology, 2018, 50, 185.	0.4	6
48	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
49	Molecular Docking Identifies Novel Phytochemical Inhibitors Against SARS-COV-2 for Covid-19 Therapy. Research Journal of Pharmacy and Technology, 2022, , 555-558.	0.2	6
50	Effect of L-Ascorbic Acid on Nickel-Induced Alteration of Cardiovascular Pathophysiology in Wistar Rats. Biological Trace Element Research, 2020, 195, 178-186.	1.9	5
51	Serum Vitamin E (α-Tocopherol) Estimation: A Potential Biomarker of Antioxidant Status Evaluation on Heavy Metal Toxicities. Recent Patents on Biomarkers, 2012, 3, 36-43.	0.3	5
52	Conflict of Interest - Serious Issue on Publication Ethics for Indian Medical Journals. Journal of the Nepal Medical Association, 2013, 52, .	0.1	5
53	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
54	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

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55	Terminalia arjuna supplementation ameliorates high fat diet-induced oxidative stress in nephrotoxic rats. Journal of Basic and Clinical Physiology and Pharmacology, 2021, .	0.7	4
56	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
57	Mutation analysis and characterisation of <i>F9</i> gene in haemophilia- B population of India. Blood Research, 2021, 56, 252-258.	0.5	4
58	Diagnosis of Oesophagostomum columbianum infection in goat by indirect enzyme linked immunosorbent assay. Helminthologia, 2010, 47, 83-87.	0.3	3
59	Effect of Cell Phone Exposure on Physiologic and Hematologic Parameters of Male Medical Students in Bijapur (Karnataka) with Reference to Serum Lipid Profile. Journal of Basic and Clinical Physiology and Pharmacology, 2010, 21, 201-210.	0.7	3
60	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
61	Molecular alteration in the Gap Junction Beta 2 (<i>GJB2</i>) gene associated with non-syndromic sensorineural hearing impairment. Intractable and Rare Diseases Research, 2021, 10, 31-36.	0.3	3
62	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
63	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
64	Total Reflection X-ray Fluorescence Analysis of Plasma Elements in Autistic Children from India. Biological Trace Element Research, 2023, 201, 644-654.	1.9	3
65	Electrocardiogram of Clinically Healthy Mithun (<i>Bos frontalis</i>): Variation among Strains. Veterinary Medicine International, 2010, 2010, 1-8.	0.6	2
66	Ethical Publications in Medical Research. , 0, , .		2
67	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
68	Introductory Chapter: Primary Concept of Hypoxia and Anoxia. , 2018, , .		2
69	Hypoxia and its preconditioning on cardiac and vascular remodelling in experimental animals. Respiratory Physiology and Neurobiology, 2021, 285, 103588.	0.7	2
70	Age-associated changes in vascular health and its relation with erythropoietin. Indian Journal of Physiology and Pharmacology, 0, 65, 119-126.	0.4	2
71	Serum VEGF and TNF- α Correlate Bacterial Burden in Pulmonary Tuberculosis. Indian Journal of Public Health Research and Development, 2019, 10, 189.	0.1	2
72	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

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73	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
74	Genetic analysis of the postsynaptic transmembrane X-linked neuroligin 3 gene in autism. <i>Genomics and Informatics</i> , 2021, 19, e44.	0.4	2
75	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
76	Genetic Analysis of Neuroligin 4Y Gene in Autism Population of India. <i>Global Medical Genetics</i> , 2022, 09, 018-022.	0.4	1
77	Black tea extract ameliorates indomethacin induced changes in testicular histopathology of albino rats. <i>Journal of Young Pharmacists</i> , 2014, 6, 53-57.	0.1	1
78	Effect of Occupational Exposure on Blood Cell Counts, Electrocardiogram and Blood Pressure in Rice Mill Workers. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2015, 9, CC01-3.	0.8	1
79	A Comparative Study on Anti-diabetic Effects of Aqueous <i>Trigonella foenum graecum</i> , <i>Hibiscus cannabinus</i> Linn, and <i>Cicer arietinum</i> extracts on Alloxan Induced Diabetic Male Albino Rats. <i>Journal of Young Pharmacists</i> , 2017, 9, 230-233.	0.1	1
80	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
81	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
82	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
83	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
84	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
85	Introductory Chapter: Free Radical Biology in Metal Toxicitiesâ€”Role of Antioxidants. , 0, , .		0
86	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
87	Novel frameshift mutation in Indian autistic population causes neuroligin and neurexin binding defect. <i>Gene Reports</i> , 2021, 24, 101245.	0.4	0
88	ESTIMATION OF SERUM NITRITE IN INDIVIDUALS WITH PRIMARY HYPERTENSION. <i>Journal of Evolution of Medical and Dental Sciences</i> , 2014, 3, 11386-11393.	0.1	0
89	EFFECT OF NIGELLA SATIVA SEED ON STREPTOZOTOCIN INDUCED DIABETIC RENO TOXICITY: HISTOLOGICAL OBSERVATIONS. <i>International Journal of Anatomy and Research</i> , 2016, 4, 2566-2570.	0.0	0
90	Role of TNF-Î± on the Function of Erythropoietin and Haematological Profile in Pulmonary Tuberculosis Patients. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 0, , .	0.8	0

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91	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
92	Antioxidants and Antibodies in Structural Thyroid Diseases. Indian Journal of Public Health Research and Development, 2019, 10, 299.	0.1	0
93	Serum Lipid Profile among the Patients of Various Cardiac Diseases Admitted in Intensive Cardiac Care Unit (ICCU). Indian Journal of Public Health Research and Development, 2019, 10, 706.	0.1	0
94	L-ascorbic Acid Supplementation Ameliorates Sodium Fluoride Induced Alteration of Cardiac Autonomic Functions in Hypoxic Rats. Indian Journal of Public Health Research and Development, 2019, 10, 165.	0.1	0
95	Nickel Induced Alteration of Pathophysiology of Lungs in Experimental Rats. Indian Journal of Public Health Research and Development, 2019, 10, 145.	0.1	0
96	Alteration of Serum Vitamin D in Patients of Myocardial Infarction and Ischemic Heart Diseases. Indian Journal of Public Health Research and Development, 2019, 10, 475.	0.1	0
97	Hypoxia, Nobel Prize 2019 in Physiology or Medicine and Nanduri R. Prabhakar. BLDE University Journal of Health Sciences, 2019, 4, 53.	0.0	0
98	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
99	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
100	Molecular Analysis of Neuronal Cell Surface Protein gene; Neuroligin 3 in Autism Spectrum Disorder. BLDE University Journal of Health Sciences, 2020, 5, 27.	0.0	0
101	Interplay of oxidative stress and nitric oxide synthase gene expression on cardiovascular responses in preeclampsia. BLDE University Journal of Health Sciences, 2020, 5, 47.	0.0	0
102	Screening of 35delG, W24X, W77X and Q124X Variants in connexin 26 gene associated with Non-Syndromic Hearing Impairment. BLDE University Journal of Health Sciences, 2020, 5, 28.	0.0	0
103	The 4Hz Pulsing Magnetic Field (PMF) has Common therapeutic effects on Patients Subjected to Different Pain Stress. BLDE University Journal of Health Sciences, 2020, 5, 23.	0.0	0
104	Efficacy of BAINS Circuit in Treating Critically Ill Hypoxemic COVID-19 Patients During the Second Wave of the Pandemic in India. Reviews on Recent Clinical Trials, 2022, 17, 86-91.	0.4	0