

Tapas C Nag

List of Publications by Year in descending order

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Version: 2024-02-01

179
papers

3,897
citations

117625

34
h-index

182427

51
g-index

185
all docs

185
docs citations

185
times ranked

5705
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlation of histopathology of trabecular meshwork with clinical features in primary congenital glaucoma. British Journal of Ophthalmology, 2022, 106, 60-64.	3.9	2
2	The eye of the tongue sole <i>Cynoglossus bilineatus</i> (Lacepède, 1802) (Teleostei: Pleuronectiformes). Tissue and Cell, 2022, 74, 101710.	2.2	2
3	Insulin like growth factor-1 works synergistically with dopamine to attenuate diabetic retinopathy by downregulating vascular endothelial growth factor. Biomedicine and Pharmacotherapy, 2022, 149, 112868.	5.6	7
4	Immunohistochemical features of cells in peripheral microcystoid retinal degeneration. Acta Histochemica, 2022, 124, 151893.	1.8	0
5	Apoptotic and Degenerative Changes in the Enteric Nervous System Following Exposure to Fluoride During Pre- and Post-natal Periods. Biological Trace Element Research, 2021, 199, 1456-1468.	3.5	2
6	Differences in outflow channels between two eyes of unilateral primary congenital glaucoma. Acta Ophthalmologica, 2021, 99, 187-194.	1.1	8
7	Localization and hypersecretion of nerve growth factor in breast phyllodes tumors: Evidence from a preliminary study. Cancer Reports, 2021, 4, e1300.	1.4	2
8	22(R)-hydroxycholesterol for dopaminergic neuronal specification of MSCs and amelioration of Parkinsonian symptoms in rats. Cell Death Discovery, 2021, 7, 13.	4.7	2
9	Morphological changes of the myenteric plexus at different gut segments of human fetuses. Journal of Histotechnology, 2021, 44, 150-159.	0.5	2
10	Lipo-PEG nano-ocular formulation successfully encapsulates hydrophilic fluconazole and traverses corneal and non-corneal path to reach posterior eye segment. Journal of Drug Targeting, 2021, 29, 631-650.	4.4	12
11	Cardioprotective effects of azilsartan compared with that of telmisartan on an in vivo model of myocardial ischemia-reperfusion injury. Journal of Biochemical and Molecular Toxicology, 2021, 35, e22785.	3.0	6
12	Expression patterns of iron regulatory proteins after intense light exposure in a cone-dominated retina. Molecular and Cellular Biochemistry, 2021, 476, 3483-3495.	3.1	1
13	Pathogenic mechanisms contributing to the vulnerability of aging human photoreceptor cells. Eye, 2021, 35, 2917-2929.	2.1	14
14	Oxidative stress-induced impairment of trophoblast function causes preeclampsia through the unfolded protein response pathway. Scientific Reports, 2021, 11, 18415.	3.3	22
15	Aging of the human choriocapillaris: Evidence that early pericyte damage can trigger endothelial changes. Experimental Eye Research, 2021, 212, 108771.	2.6	9
16	Ultrastructural changes in cristae of lymphoblasts in acute lymphoblastic leukemia parallel alterations in biogenesis markers. Applied Microscopy, 2021, 51, 20.	1.4	1
17	Extremely low intensity magnetic field effectively improves cognitive impairment in intracerebroventricular streptozotocin animal model sparing septohippocampal cholinergic pathway and CAMKII. Alzheimer's and Dementia, 2021, 17, e049698.	0.8	0
18	Ultrastructural and histological changes in tibial remnant of ruptured anterior cruciate ligament stumps: a transmission electron microscopy and immunochemistry-based observational study. Musculoskeletal Surgery, 2020, 104, 67-74.	1.5	6

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19	Ultrastructural characterization of cells in the tibial stump of ruptured human anterior cruciate ligament, their changes and significance with duration of injury. Medical Molecular Morphology, 2020, 53, 86-93.	1.0	2
20	The dietary isoflavone daidzein mitigates oxidative stress, apoptosis, and inflammation in CDDP-induced kidney injury in rats: Impact of the MAPK signaling pathway. Journal of Biochemical and Molecular Toxicology, 2020, 34, e22431.	3.0	20
21	The molecular mechanism involved in cardioprotection by the dietary flavonoid fisetin as an agonist of PPAR- β in a murine model of myocardial infarction. Archives of Biochemistry and Biophysics, 2020, 694, 108572.	3.0	21
22	Class switching of carbonic anhydrase isoforms mediates remyelination in CA3 hippocampal neurons during chronic hypoxia. Free Radical Biology and Medicine, 2020, 161, 102-114.	2.9	2
23	Microtubule alterations may destabilize photoreceptor integrity: Age-related microtubule changes and pattern of expression of MAP-2, Tau and hyperphosphorylated Tau in aging human photoreceptor cells. Experimental Eye Research, 2020, 198, 108153.	2.6	9
24	Novel role of mortalin in attenuating HIV-1 Tat-mediated astrogliosis. Journal of Neuroinflammation, 2020, 17, 276.	7.2	9
25	Neural cells and their progenitors in regenerating zebrafish spinal cord. International Journal of Developmental Biology, 2020, 64, 353-366.	0.6	2
26	Hypobaric hypoxia induced fear and extinction memory impairment and effect of Ginkgo biloba in its amelioration: Behavioral, neurochemical and molecular correlates. Behavioural Brain Research, 2020, 387, 112595.	2.2	11
27	Changes in the Inner Retinal Cells after Intense and Constant Light Exposure in Sprague-Dawley Rats. Photochemistry and Photobiology, 2020, 96, 1061-1073.	2.5	7
28	Morphological Changes in the Ligamentum Flavum in Degenerative Lumbar Canal Stenosis: A Prospective, Comparative Study. Asian Spine Journal, 2020, 14, 773-781.	2.0	6
29	Surface quality and endothelial cell viability after femtosecond laser-assisted donor lenticule preparation for endothelial keratoplasty - An in-vitro study. Indian Journal of Ophthalmology, 2020, 68, 2404.	1.1	0
30	Electron Microscopy of the Choroidal Neovascularization. , 2020, , 47-56.		0
31	Mangiferin attenuates cisplatin-induced acute kidney injury in rats mediating modulation of MAPK pathway. Molecular and Cellular Biochemistry, 2019, 452, 141-152.	3.1	31
32	Ultrastructural analysis of collagen fibril diameter distribution in cleft lip. Oral Diseases, 2019, 25, 206-214.	3.0	4
33	Age-related changes of the human retinal vessels: Possible involvement of lipid peroxidation. Annals of Anatomy, 2019, 226, 35-47.	1.9	12
34	Age-Related Changes in the Human Retina: A Role for Oxidative Stress. , 2019, , 127-148.		0
35	Localization of nitro-tyrosine immunoreactivity in human retina. Annals of Anatomy, 2019, 223, 8-18.	1.9	18
36	Primary apocrine adenocarcinoma of caruncle in an elderly male. Canadian Journal of Ophthalmology, 2019, 54, e123-e125.	0.7	4

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37	In ovo Sound Stimulation Mediated Regulation of BDNF in the Auditory Cortex and Hippocampus of Neonatal Chicks. <i>Neuroscience</i> , 2019, 408, 293-307.	2.3	5
38	Pitavastatin attenuates cisplatin-induced renal injury by targeting MAPK and apoptotic pathways. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 1072-1081.	2.4	6
39	Accessory structures that originate from photoreceptor bundles in the retina of the teleost <i>Notopterus notopterus</i> (Pallas). <i>Tissue and Cell</i> , 2019, 58, 8-11.	2.2	0
40	Genistein potentiates Centchroman induced antineoplasticity in breast cancer via PI3K/Akt deactivation and ROS dependent induction of apoptosis. <i>Life Sciences</i> , 2019, 239, 117073.	4.3	41
41	Fisetin attenuates isoproterenol-induced cardiac ischemic injury in vivo by suppressing RAGE/NF- κ B mediated oxidative stress, apoptosis and inflammation. <i>Phytomedicine</i> , 2019, 56, 147-155.	5.3	39
42	Mutational Analysis of the Mitochondrial DNA Displacement-Loop Region in Human Retinoblastoma with Patient Outcome. <i>Pathology and Oncology Research</i> , 2019, 25, 503-512.	1.9	6
43	A Comparison of Bacterial Adhesion and Biofilm Formation on Commonly Used Orthopaedic Metal Implant Materials: An In vitro Study. <i>Indian Journal of Orthopaedics</i> , 2019, 53, 148-153.	1.1	39
44	Ultrastructure of gametogenesis in the ovotestis of an estuarine pulmonate slug, <i>Onchidium tigrinum</i> (Stoliczka, 1869). <i>Molluscan Research</i> , 2018, 38, 243-257.	0.7	4
45	Diagnostic Electron Microscopy of Retina. <i>Seminars in Ophthalmology</i> , 2018, 33, 700-710.	1.6	0
46	Salidroside mediated stabilization of Bcl -xL prevents mitophagy in CA3 hippocampal neurons during hypoxia. <i>Neurobiology of Disease</i> , 2018, 116, 39-52.	4.4	21
47	Comparison of unbiased stereological estimation of total number of cresyl violet stained neurons and parvalbumin positive neurons in the adult human spiral ganglion. <i>Journal of Chemical Neuroanatomy</i> , 2018, 93, 30-37.	2.1	10
48	Ameliorative potential of rutin in combination with nimesulide in STZ model of diabetic neuropathy: targeting Nrf2/HO-1/NF- κ B and COX signalling pathway. <i>Inflammopharmacology</i> , 2018, 26, 755-768.	3.9	38
49	Muscle fiber diameter assessment in cleft lip using image processing. <i>Oral Diseases</i> , 2018, 24, 476-481.	3.0	4
50	Quantitative correlation of mechanoreceptors in tibial remnant of ruptured human anterior cruciate ligament with duration of injury and its significance: an immunohistochemistry-based observational study. <i>Journal of Orthopaedics and Traumatology</i> , 2018, 19, 5.	2.3	8
51	Molecular and Metabolic Markers of Fructose Induced Hepatic Insulin Resistance in Developing and Adult Rats are Distinct and <i>Aegle marmelos</i> is an Effective Modulator. <i>Scientific Reports</i> , 2018, 8, 15950.	3.3	17
52	Fluoride induced tissue hypercalcemia, IL-17 mediated inflammation and apoptosis lead to cardiomyopathy: Ultrastructural and biochemical findings. <i>Toxicology</i> , 2018, 406-407, 44-57.	4.2	24
53	Neuroregenerative Effects of Electromagnetic Field and Magnetic Nanoparticles on Spinal Cord Injury in Rats. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 6756-6764.	0.9	14
54	An experimental study to evaluate safety/toxicity of intravitreal natalizumab. <i>Indian Journal of Ophthalmology</i> , 2018, 66, 1441.	1.1	4

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55	Altered Expression of Tight Junction (TJ) Proteins and TJ Dilation Associated with Organ Failure (OF) in Acute Pancreatitis. <i>Gastroenterology</i> , 2017, 152, S490-S491.	1.3	1
56	Age related distribution of 4-hydroxy 2-nonenal immunoreactivity in human retina. <i>Experimental Eye Research</i> , 2017, 165, 125-135.	2.6	14
57	Experimental oral iron administration: Histological investigations and expressions of iron handling proteins in rat retina with aging. <i>Toxicology</i> , 2017, 392, 22-31.	4.2	10
58	Galangin ameliorates cisplatin induced nephrotoxicity in vivo by modulation of oxidative stress, apoptosis and inflammation through interplay of MAPK signaling cascade. <i>Phytomedicine</i> , 2017, 34, 154-161.	5.3	56
59	Immunohistochemical Localization of GFAP and Glutamate Regulatory Proteins in Chick Retina and Their Levels of Expressions in Altered Photoperiods. <i>Cellular and Molecular Neurobiology</i> , 2017, 37, 1029-1042.	3.3	5
60	Epigenetic Regulation of SNAP25 Prevents Progressive Glutamate Excitotoxicity in Hypoxic CA3 Neurons. <i>Molecular Neurobiology</i> , 2017, 54, 6133-6147.	4.0	18
61	Febuxostat Modulates MAPK/NF- κ B/p65/TNF- α Signaling in Cardiac Ischemia-Reperfusion Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	4.0	33
62	Electron Microscopy of the Human Choroid. , 2017, , 7-20.		4
63	Changing Population of Neurons and Glia in the Human Cochlear Nucleus During Aging. , 2017, , 245-251.		1
64	Seabuckthorn Pulp Oil Protects against Myocardial Ischemia-“Reperfusion Injury in Rats through Activation of Akt/eNOS. <i>Frontiers in Pharmacology</i> , 2016, 7, 155.	3.5	16
65	Expressions of visual pigments and synaptic proteins in neonatal chick retina exposed to light of variable photoperiods. <i>Journal of Biosciences</i> , 2016, 41, 667-676.	1.1	2
66	Safety assessment and attenuation of cisplatin induced nephrotoxicity by tuberous roots of <i>Boerhaavia diffusa</i> . <i>Regulatory Toxicology and Pharmacology</i> , 2016, 81, 341-352.	2.7	13
67	Immunolocalisation pattern of complex I in ageing human retina: Correlation with mitochondrial ultrastructure. <i>Mitochondrion</i> , 2016, 31, 20-32.	3.4	19
68	Clinical implications of microbial biofilms in chronic rhinosinusitis and orbital cellulitis. <i>BMC Ophthalmology</i> , 2016, 16, 165.	1.4	4
69	Ultrastructure of ovotestis of young and adult pulmonate mollusk, <i>Macrochlamys indica</i> Benson, 1832. <i>Journal of Microscopy and Ultrastructure</i> , 2016, 4, 184.	0.4	7
70	Global hypoxia induced impairment in learning and spatial memory is associated with precocious hippocampal aging. <i>Neurobiology of Learning and Memory</i> , 2016, 133, 157-170.	1.9	41
71	Chrysin, a PPAR- γ agonist improves myocardial injury in diabetic rats through inhibiting AGE-RAGE mediated oxidative stress and inflammation. <i>Chemico-Biological Interactions</i> , 2016, 250, 59-67.	4.0	100
72	Activity-dependent synaptic plasticity modulates the critical phase of brain development. <i>Brain and Development</i> , 2016, 38, 355-363.	1.1	61

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73	Long-term preservation of donor corneas in glycerol for keratoplasty: exploring new protocols. British Journal of Ophthalmology, 2016, 100, 284-290.	3.9	27
74	Ultrastructural changes of mitochondria in human retinoblastoma: correlation with tumor differentiation and invasiveness. Tumor Biology, 2016, 37, 5797-5803.	1.8	15
75	Desmin-related cardiomyopathy presenting as restrictive cardiomyopathy: A case report with review of literature. Journal of the Practice of Cardiovascular Sciences, 2016, 2, 128.	0.1	1
76	Zingiber officinale attenuates retinal microvascular changes in diabetic rats via anti-inflammatory and antiangiogenic mechanisms. Molecular Vision, 2016, 22, 599-609.	1.1	25
77	Characterization of Proliferating Neural Progenitors after Spinal Cord Injury in Adult Zebrafish. PLoS ONE, 2015, 10, e0143595.	2.5	49
78	Febuxostat ameliorates doxorubicin-induced cardiotoxicity in rats. Chemico-Biological Interactions, 2015, 237, 96-103.	4.0	36
79	Neuroregeneration and functional recovery by magnetic field stimulation and iron oxide nanoparticles in rats with spinal cord transection. Brain Stimulation, 2015, 8, 328.	1.6	1
80	Ultrastructural studies on the nuclear elements in differentiating and degenerative ciliated olfactory neuron of Pseudapocryptes lanceolatus (Gobiidae: Oxudercinae). Egyptian Journal of Basic and Applied Sciences, 2015, 2, 295-302.	0.6	3
81	Genistein ameliorates cardiac inflammation and oxidative stress in streptozotocin-induced diabetic cardiomyopathy in rats. Molecular and Cellular Biochemistry, 2015, 408, 63-72.	3.1	75
82	The Human Trochlear and Abducens Nerves at Different Ages - a Morphometric Study. , 2015, 6, 6.		6
83	Inhibition of TGF- β^2 by a novel PPAR- β^3 agonist, chrysin, salvages β^2 -receptor stimulated myocardial injury in rats through MAPKs-dependent mechanism. Nutrition and Metabolism, 2015, 12, 11.	3.0	26
84	A new method of detecting changes in corneal health in response to toxic insults. Micron, 2015, 78, 45-53.	2.2	2
85	Ultrastructural changes in the melanocytes of aging human choroid. Micron, 2015, 79, 16-23.	2.2	13
86	Differential Expression of AQP1 and AQP4 in Avascular Chick Retina Exposed to Moderate Light of Variable Photoperiods. Neurochemical Research, 2015, 40, 2153-2166.	3.3	10
87	Association of ZEB1 and TCF4 rs613872 changes with late onset Fuchs endothelial corneal dystrophy in patients from northern India. Molecular Vision, 2015, 21, 1252-60.	1.1	19
88	Changing population of neurons and glia in the human cochlear nucleus with progressive age – A stereological study. Journal of the Anatomical Society of India, 2014, 63, 142-150.	0.2	7
89	Are alterations of tight junctions at molecular and ultrastructural level different in duodenal biopsies of patients with celiac disease and Crohn's disease?. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2014, 465, 521-530.	2.8	39
90	Differential effects of prenatal chronic high-decibel noise and music exposure on the excitatory and inhibitory synaptic components of the auditory cortex analog in developing chicks (Gallus gallus) Tj ETQq0 0 0 rgBT/Overlock110 Tf 50 5		

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91	Prenatal music stimulation facilitates the postnatal functional development of the auditory as well as visual system in chicks (<i>Gallus domesticus</i>). <i>Journal of Biosciences</i> , 2014, 39, 107-117.	1.1	14
92	The aging human cochlear nucleus: Changes in the glial fibrillary acidic protein, intracellular calcium regulatory proteins, GABA neurotransmitter and cholinergic receptor. <i>Journal of Chemical Neuroanatomy</i> , 2014, 56, 1-12.	2.1	23
93	Effects of <i>Trigonella foenum-graecum</i> (L.) on retinal oxidative stress, and proinflammatory and angiogenic molecular biomarkers in streptozotocin-induced diabetic rats. <i>Molecular and Cellular Biochemistry</i> , 2014, 388, 1-9.	3.1	20
94	Structural organization of the toe pads in the amphibian <i>Philautus annandalii</i> (Boulenger, 1906). <i>Acta Zoologica</i> , 2014, 95, 63-72.	0.8	13
95	BDNF mediated activity dependent maturation of visual Wulst following prenatal repetitive auditory stimulation at a critical developmental period in domestic chicks (<i>Gallus domesticus</i>). <i>Brain Research Bulletin</i> , 2014, 109, 99-108.	3.0	4
96	Retinal neuroprotective effects of quercetin in streptozotocin-induced diabetic rats. <i>Experimental Eye Research</i> , 2014, 125, 193-202.	2.6	128
97	High resolution ¹ H NMR-based metabonomic study of the auditory cortex analogue of developing chick (<i>Gallus gallus domesticus</i>) following prenatal chronic loud music and noise exposure. <i>Neurochemistry International</i> , 2014, 76, 99-108.	3.8	2
98	Cytokeratin localization in toe pads of the anuran amphibian <i>Philautus annandalii</i> (Boulenger, 1906). <i>Tissue and Cell</i> , 2014, 46, 165-169.	2.2	5
99	Age associated changes in the human cochlear nucleus – A three-dimensional modelling and its potential application for brainstem implants. <i>Journal of the Anatomical Society of India</i> , 2014, 63, 12-18.	0.2	3
100	Cisplatin-functionalized silica nanoparticles for cancer chemotherapy. <i>Cancer Nanotechnology</i> , 2013, 4, 127-136.	3.7	23
101	Role of sound stimulation in reprogramming brain connectivity. <i>Journal of Biosciences</i> , 2013, 38, 605-614.	1.1	21
102	Retinoprotective Effects of <i>Moringa oleifera</i> via Antioxidant, Anti-Inflammatory, and Anti-Angiogenic Mechanisms in Streptozotocin-Induced Diabetic Rats. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2013, 29, 419-426.	1.4	42
103	Repetitive auditory stimulation at a critical prenatal period modulates the postnatal functional development of the auditory as well as visual system in chicks (<i>Gallus domesticus</i>). <i>Developmental Neurobiology</i> , 2013, 73, 688-701.	3.0	3
104	Effect of prenatal loud music and noise on total number of neurons and glia, neuronal nuclear area and volume of chick brainstem auditory nuclei, field L and hippocampus: A stereological investigation. <i>International Journal of Developmental Neuroscience</i> , 2013, 31, 234-244.	1.6	21
105	Hesperetin rescues retinal oxidative stress, neuroinflammation and apoptosis in diabetic rats. <i>Microvascular Research</i> , 2013, 87, 65-74.	2.5	144
106	Iron oxide nanoparticles and magnetic field exposure promote functional recovery by attenuating free radical-induced damage in rats with spinal cord transection. <i>International Journal of Nanomedicine</i> , 2013, 8, 2259.	6.7	28
107	Regulation of Heat Shock Proteins 27 and 70, p-Akt/p-eNOS and MAPKs by Naringin Dampens Myocardial Injury and Dysfunction In Vivo after Ischemia/Reperfusion. <i>PLoS ONE</i> , 2013, 8, e82577.	2.5	45
108	Prenatal Loud Music and Noise: Differential Impact on Physiological Arousal, Hippocampal Synaptogenesis and Spatial Behavior in One Day-Old Chicks. <i>PLoS ONE</i> , 2013, 8, e67347.	2.5	40

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109	Cardioprotective effect of root extract of <i>Picrorhiza kurroa</i> (Royle Ex Benth) against isoproterenol-induced cardiotoxicity in rats. <i>Indian Journal of Experimental Biology</i> , 2013, 51, 694-701.	0.0	8
110	Scanning electron microscopy of the trabecular meshwork: Understanding the pathogenesis of primary angle closure glaucoma. <i>Indian Journal of Ophthalmology</i> , 2012, 60, 183.	1.1	50
111	Accumulation of lipid inclusions in astrocytes of aging human optic nerve. <i>Acta Biologica Hungarica</i> , 2012, 63, 54-64.	0.7	12
112	Hesperetin ameliorates hyperglycemia induced retinal vasculopathy via anti-angiogenic effects in experimental diabetic rats. <i>Vascular Pharmacology</i> , 2012, 57, 201-207.	2.1	52
113	<i>Crocus sativus</i> L. (saffron) attenuates isoproterenol-induced myocardial injury via preserving cardiac functions and strengthening antioxidant defense system. <i>Experimental and Toxicologic Pathology</i> , 2012, 64, 557-564.	2.1	45
114	Comparative tight junction protein expressions in colonic Crohn's disease, ulcerative colitis, and tuberculosis: a new perspective. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2012, 460, 261-270.	2.8	86
115	Green Tea Prevents Hyperglycemia-Induced Retinal Oxidative Stress and Inflammation in Streptozotocin-Induced Diabetic Rats. <i>Ophthalmic Research</i> , 2012, 47, 103-108.	1.9	75
116	Ultrastructure of the human retina in aging and various pathological states. <i>Micron</i> , 2012, 43, 759-781.	2.2	77
117	Molecular Characterization of Explant Cultured Human Oral Mucosal Epithelial Cells. , 2011, 52, 9548.		32
118	In Vivo Cardioprotection by Pitavastatin From Ischemic-reperfusion Injury Through Suppression of IKK/NF- κ B and Upregulation of pAkt-e-NOS. <i>Journal of Cardiovascular Pharmacology</i> , 2011, 58, 199-206.	1.9	21
119	Telmisartan, a dual ARB/partial PPAR- γ agonist, protects myocardium from ischaemic reperfusion injury in experimental diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2011, 13, 533-541.	4.4	50
120	Slime production is essential for the adherence of <i>Staphylococcus epidermidis</i> in implant-related infections. <i>Journal of Hospital Infection</i> , 2011, 77, 153-156.	2.9	17
121	Curcumin Prevents Experimental Diabetic Retinopathy in Rats Through Its Hypoglycemic, Antioxidant, and Anti-Inflammatory Mechanisms. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2011, 27, 123-130.	1.4	159
122	Localization of 4-hydroxy 2-nonenal immunoreactivity in aging human retinal Müller cells. <i>Annals of Anatomy</i> , 2011, 193, 205-210.	1.9	22
123	Comparative evaluation of anatomical and functional outcomes using brilliant blue G versus triamcinolone assisted ILM peeling in macular hole surgery in Indian population. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2011, 249, 987-995.	1.9	25
124	Dose-dependent actions of curcumin in experimentally induced myocardial necrosis: a biochemical, histopathological, and electron microscopic evidence. <i>Cell Biochemistry and Function</i> , 2010, 28, 74-82.	2.9	26
125	Detail microscopic analysis of deep fascia of lower limb and its surgical implication. <i>Indian Journal of Plastic Surgery</i> , 2010, 43, 135.	0.5	36
126	Ultrastructural and hormonal modulations of adrenal gland with alterations of glycemic and liver glycogen profiles following arecoline administration in albino mice. <i>Acta Endocrinologica</i> , 2010, 6, 413-430.	0.3	3

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127	Ultrastructural and hormonal modulations of the thyroid gland following arecoline treatment in albino mice. <i>Molecular and Cellular Endocrinology</i> , 2010, 319, 1-7.	3.2	26
128	Cardioprotective effects of benazepril, an angiotensin-converting enzyme inhibitor, in an ischaemia-reperfusion model of myocardial infarction in rats. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2009, 10, 201-209.	1.7	10
129	Myocardial salvaging effect of telmisartan in experimental model of myocardial infarction. <i>European Journal of Pharmacology</i> , 2009, 619, 75-84.	3.5	25
130	Effect of prenatal auditory stimulation on numerical synaptic density and mean synaptic height in the posthatch Day 1 chick hippocampus. <i>Synapse</i> , 2009, 63, 152-159.	1.2	20
131	<i>Ocimum sanctum</i> extracts attenuate hydrogen peroxide induced cytotoxic ultrastructural changes in human lens epithelial cells. <i>Phytotherapy Research</i> , 2009, 23, 1734-1737.	5.8	5
132	Observations on the synaptic ribbon morphology in retinas of two human subjects at autopsy. <i>Annals of Anatomy</i> , 2009, 191, 556-562.	1.9	6
133	Stereological investigation and expression of calcium-binding proteins in developing human inferior colliculus. <i>Journal of Chemical Neuroanatomy</i> , 2009, 37, 78-86.	2.1	24
134	Temporal distribution of mRNA expression levels of various genes in the developing human inferior colliculus. <i>Neuroscience Letters</i> , 2009, 461, 229-234.	2.1	4
135	Organs of Adhesion in Some Mountain-stream Teleosts of India: Structure-Function Relationship. , 2009, , 105-122.		5
136	Immunomodulatory effect of DDT (bis[4-chlorophenyl]-1,1,1-trichloroethane) on complement system and macrophages. <i>Toxicology</i> , 2008, 252, 78-85.	4.2	32
137	Calbindin D-28K and parvalbumin expression in embryonic chick hippocampus is enhanced by prenatal auditory stimulation. <i>Brain Research</i> , 2008, 1191, 96-106.	2.2	34
138	Morphology of adhesive organ of the snow trout <i>Schizothorax richardsonii</i> (Gray, 1832). <i>Italian Journal of Zoology</i> , 2008, 75, 361-370.	0.6	2
139	Ultrastructural and hormonal changes in the pinealâ€testicular axis following arecoline administration in rats. <i>Journal of Experimental Zoology</i> , 2007, 307A, 187-198.	1.2	26
140	Effects of Thalidomide on Isoprenaline-Induced Acute Myocardial Injury: A Haemodynamic, Histopathological and Ultrastructural Study. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2007, 100, 233-239.	2.5	28
141	Food vacuole targeting and trafficking of falcipain-2, an important cysteine protease of human malaria parasite <i>Plasmodium falciparum</i> . <i>Molecular and Biochemical Parasitology</i> , 2007, 156, 12-23.	1.1	26
142	Cardioprotective response to chronic administration of vitamin E in isoproterenol induced myocardial necrosis: Hemodynamic, biochemical and ultrastructural studies. <i>Indian Journal of Clinical Biochemistry</i> , 2007, 22, 22-28.	1.9	11
143	Age-related decrease in rod bipolar cell density of the human retina: an immunohistochemical study. <i>Journal of Biosciences</i> , 2007, 32, 293-298.	1.1	46
144	Ultrastructural analysis of slime positive & slime negative <i>Staphylococcus epidermidis</i> isolates in infectious keratitis. <i>Indian Journal of Medical Research</i> , 2007, 125, 767-71.	1.0	5

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145	Morphological and Neurochemical Development of the Human Neural Retina. <i>Neuroembryology and Aging</i> , 2006, 4, 19-30.	0.1	4
146	The occurrence of cone inclusions in the ageing human retina and their possible effect upon vision: An electron microscope study. <i>Brain Research Bulletin</i> , 2006, 71, 224-232.	3.0	26
147	Prenatal acoustic stimulation influences neuronal size and the expression of calcium-binding proteins (calbindin D-28K and parvalbumin) in chick hippocampus. <i>Journal of Chemical Neuroanatomy</i> , 2006, 32, 117-126.	2.1	28
148	Fine structure of the organ of attachment of the teleost, <i>Garra gotyla gotyla</i> (Ham). <i>Zoology</i> , 2006, 109, 300-309.	1.2	17
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