

# Tapas C Nag

## List of Publications by Year in descending order

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179  
papers

3,897  
citations

117571

34  
h-index

182361

51  
g-index

185  
all docs

185  
docs citations

185  
times ranked

5705  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.6	159
2	Hesperetin rescues retinal oxidative stress, neuroinflammation and apoptosis in diabetic rats. <i>Microvascular Research</i> , 2013, 87, 65-74.	1.1	144
3	Retinal neuroprotective effects of quercetin in streptozotocin-induced diabetic rats. <i>Experimental Eye Research</i> , 2014, 125, 193-202.	1.2	128
4	Dimethoate-induced effects on antioxidant status of liver and brain of rats following subchronic exposure. <i>Toxicology</i> , 2005, 215, 173-181.	2.0	101
5	Chrysin, a PPAR- $\beta$ 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.	1.7	100
6	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.	1.4	86
7	Ultrastructure of the human retina in aging and various pathological states. <i>Micron</i> , 2012, 43, 759-781.	1.1	77
8	Green Tea Prevents Hyperglycemia-Induced Retinal Oxidative Stress and Inflammation in Streptozotocin-Induced Diabetic Rats. <i>Ophthalmic Research</i> , 2012, 47, 103-108.	1.0	75
9	Genistein ameliorates cardiac inflammation and oxidative stress in streptozotocin-induced diabetic cardiomyopathy in rats. <i>Molecular and Cellular Biochemistry</i> , 2015, 408, 63-72.	1.4	75
10	Immunosuppression, hepatotoxicity and depression of antioxidant status by arecoline in albino mice. <i>Toxicology</i> , 2006, 227, 94-104.	2.0	69
11	Developmental expression of calretinin immunoreactivity in the human retina and a comparison with two other EF-hand calcium-binding proteins. <i>Neuroscience</i> , 1999, 91, 41-50.	1.1	65
12	Arsenic induced apoptosis in rat liver following repeated 60 days exposure. <i>Toxicology</i> , 2006, 217, 63-70.	2.0	62
13	Activity-dependent synaptic plasticity modulates the critical phase of brain development. <i>Brain and Development</i> , 2016, 38, 355-363.	0.6	61
14	Expression of the neurotrophin receptors Trk A and Trk B in adult human astrocytoma and glioblastoma. <i>Journal of Biosciences</i> , 2003, 28, 181-188.	0.5	58
15	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.	2.3	56
16	Hesperetin ameliorates hyperglycemia induced retinal vasculopathy via anti-angiogenic effects in experimental diabetic rats. <i>Vascular Pharmacology</i> , 2012, 57, 201-207.	1.0	52
17	Vascular Changes of the Retina and Choroid in Systemic Lupus Erythematosus: Pathology and Pathogenesis. <i>Current Neurovascular Research</i> , 2006, 3, 159-168.	0.4	51
18	Telmisartan, a dual ARB/partial PPAR- $\beta$ agonist, protects myocardium from ischaemic reperfusion injury in experimental diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2011, 13, 533-541.	2.2	50

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19	Scanning electron microscopy of the trabecular meshwork: Understanding the pathogenesis of primary angle closure glaucoma. <i>Indian Journal of Ophthalmology</i> , 2012, 60, 183.	0.5	50
20	Characterization of Proliferating Neural Progenitors after Spinal Cord Injury in Adult Zebrafish. <i>PLoS ONE</i> , 2015, 10, e0143595.	1.1	49
21	The expression of nitric oxide synthases in human brain tumours and peritumoral areas. <i>Journal of the Neurological Sciences</i> , 1998, 155, 196-203.	0.3	48
22	Age-related decrease in rod bipolar cell density of the human retina: an immunohistochemical study. <i>Journal of Biosciences</i> , 2007, 32, 293-298.	0.5	46
23	Differential expression of syntaxin-1 and synaptophysin in the developing and adult human retina. <i>Journal of Biosciences</i> , 2001, 26, 179-191.	0.5	45
24	<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
25	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.	1.1	45
26	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.	0.6	42
27	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.	1.0	41
28	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.	2.0	41
29	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.	1.1	40
30	Are alterations of tight junctions at molecular and ultrastructural level different in duodenal biopsies of patients with celiac disease and Crohn's disease?. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2014, 465, 521-530.	1.4	39
31	Fisetin attenuates isoproterenol-induced cardiac ischemic injury in vivo by suppressing RAGE/NF- $\kappa$ B mediated oxidative stress, apoptosis and inflammation. <i>Phytomedicine</i> , 2019, 56, 147-155.	2.3	39
32	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.	0.5	39
33	Ameliorative potential of rutin in combination with nimesulide in STZ model of diabetic neuropathy: targeting Nrf2/HO-1/NF- $\kappa$ B and COX signalling pathway. <i>Inflammopharmacology</i> , 2018, 26, 755-768.	1.9	38
34	Detail microscopic analysis of deep fascia of lower limb and its surgical implication. <i>Indian Journal of Plastic Surgery</i> , 2010, 43, 135.	0.2	36
35	Febuxostat ameliorates doxorubicin-induced cardiotoxicity in rats. <i>Chemico-Biological Interactions</i> , 2015, 237, 96-103.	1.7	36
36	Calbindin D-28K and parvalbumin expression in embryonic chick hippocampus is enhanced by prenatal auditory stimulation. <i>Brain Research</i> , 2008, 1191, 96-106.	1.1	34

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37	Neurotrophin receptors (Trk A, Trk B, and Trk C) in the developing and adult human retina. <i>Developmental Brain Research</i> , 1999, 117, 179-189.	2.1	33
38	Febuxostat Modulates MAPK/NF- $\kappa$ B/p65/TNF- $\alpha$ Signaling in Cardiac Ischemia-Reperfusion Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	1.9	33
39	Immunomodulatory effect of DDT (bis[4-chlorophenyl]-1,1,1-trichloroethane) on complement system and macrophages. <i>Toxicology</i> , 2008, 252, 78-85.	2.0	32
40	Molecular Characterization of Explant Cultured Human Oral Mucosal Epithelial Cells. , 2011, 52, 9548.		32
41	Retinal ellipsosomes: morphology, development, identification, and comparison with oil droplets. <i>Cell and Tissue Research</i> , 1995, 279, 633-637.	1.5	31
42	Mangiferin attenuates cisplatin-induced acute kidney injury in rats mediating modulation of MAPK pathway. <i>Molecular and Cellular Biochemistry</i> , 2019, 452, 141-152.	1.4	31
43	Localization of Nitric Oxide Synthase in Human Trophoblast Cells: Role of Nitric Oxide in Trophoblast Proliferation and Differentiation. <i>American Journal of Reproductive Immunology</i> , 2000, 43, 70-77.	1.2	30
44	Calbindin and parvalbumin immunoreactivity in the developing and adult human retina. <i>Developmental Brain Research</i> , 1996, 93, 23-32.	2.1	28
45	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.	1.0	28
46	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.	1.2	28
47	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.	3.3	28
48	Long-term preservation of donor corneas in glycerol for keratoplasty: exploring new protocols. <i>British Journal of Ophthalmology</i> , 2016, 100, 284-290.	2.1	27
49	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.	1.4	26
50	Ultrastructural and hormonal changes in the pineal-testicular axis following arecoline administration in rats. <i>Journal of Experimental Zoology</i> , 2007, 307A, 187-198.	1.2	26
51	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.	0.5	26
52	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.	1.4	26
53	Ultrastructural and hormonal modulations of the thyroid gland following arecoline treatment in albino mice. <i>Molecular and Cellular Endocrinology</i> , 2010, 319, 1-7.	1.6	26
54	Inhibition of TGF- $\beta$ 2 by a novel PPAR- $\beta$ 3 agonist, chrysin, salvages $\beta$ 2-receptor stimulated myocardial injury in rats through MAPKs-dependent mechanism. <i>Nutrition and Metabolism</i> , 2015, 12, 11.	1.3	26

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55	Myocardial salvaging effect of telmisartan in experimental model of myocardial infarction. <i>European Journal of Pharmacology</i> , 2009, 619, 75-84.	1.7	25
56	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.	1.0	25
57	<i>Zingiber officinale</i> attenuates retinal microvascular changes in diabetic rats via anti-inflammatory and antiangiogenic mechanisms. <i>Molecular Vision</i> , 2016, 22, 599-609.	1.1	25
58	Expression of GABA in the fetal, postnatal, and adult human retinas: An immunohistochemical study. <i>Visual Neuroscience</i> , 1997, 14, 425-432.	0.5	24
59	Stereological investigation and expression of calcium-binding proteins in developing human inferior colliculus. <i>Journal of Chemical Neuroanatomy</i> , 2009, 37, 78-86.	1.0	24
60	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.	2.0	24
61	Cisplatin-functionalized silica nanoparticles for cancer chemotherapy. <i>Cancer Nanotechnology</i> , 2013, 4, 127-136.	1.9	23
62	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.	1.0	23
63	Histopathological changes in the eyes in systemic lupus erythematosus: an electron microscope and immunohistochemical study. <i>Histology and Histopathology</i> , 2005, 20, 373-82.	0.5	23
64	Localization of 4-hydroxy 2-nonenal immunoreactivity in aging human retinal Müller cells. <i>Annals of Anatomy</i> , 2011, 193, 205-210.	1.0	22
65	Oxidative stress-induced impairment of trophoblast function causes preeclampsia through the unfolded protein response pathway. <i>Scientific Reports</i> , 2021, 11, 18415.	1.6	22
66	Structure of adhesive organ of the mountain-stream catfish, <i>Pseudocheneis sulcatus</i> (Teleostei: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30). <i>Journal of Zoology</i> , 2010, 266, 101-106.	0.6	21
67	In Vivo Cardioprotection by Pitavastatin From Ischemic-reperfusion Injury Through Suppression of IKK/NF- $\kappa$ B and Upregulation of pAkt $\epsilon$ -e-NOS. <i>Journal of Cardiovascular Pharmacology</i> , 2011, 58, 199-206.	0.8	21
68	Role of sound stimulation in reprogramming brain connectivity. <i>Journal of Biosciences</i> , 2013, 38, 605-614.	0.5	21
69	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.	0.7	21
70	Salidroside mediated stabilization of Bcl -xL prevents mitophagy in CA3 hippocampal neurons during hypoxia. <i>Neurobiology of Disease</i> , 2018, 116, 39-52.	2.1	21
71	The molecular mechanism involved in cardioprotection by the dietary flavonoid fisetin as an agonist of PPAR- $\delta$ in a murine model of myocardial infarction. <i>Archives of Biochemistry and Biophysics</i> , 2020, 694, 108572.	1.4	21
72	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.	0.6	20

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73	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.	1.4	20
74	The dietary isoflavone daidzein mitigates oxidative stress, apoptosis, and inflammation in CDDP-induced kidney injury in rats: Impact of the MAPK signaling pathway. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020, 34, e22431.	1.4	20
75	Adhesion by Paired Pectoral and Pelvic Fins in a Mountain-Stream Catfish, <i>Pseudocheneis sulcatus</i> (Sisoridae). <i>Environmental Biology of Fishes</i> , 2004, 71, 1-5.	0.4	19
76	Immunolocalisation pattern of complex I in ageing human retina: Correlation with mitochondrial ultrastructure. <i>Mitochondrion</i> , 2016, 31, 20-32.	1.6	19
77	Association of ZEB1 and TCF4 rs613872 changes with late onset Fuchs endothelial corneal dystrophy in patients from northern India. <i>Molecular Vision</i> , 2015, 21, 1252-60.	1.1	19
78	Epigenetic Regulation of SNAP25 Prevents Progressive Glutamate Excitotoxicity in Hypoxic CA3 Neurons. <i>Molecular Neurobiology</i> , 2017, 54, 6133-6147.	1.9	18
79	Localization of nitro-tyrosine immunoreactivity in human retina. <i>Annals of Anatomy</i> , 2019, 223, 8-18.	1.0	18
80	Calbindin immunoreactivity in the developing and adult human cerebellum. <i>Journal of Chemical Neuroanatomy</i> , 1999, 17, 1-12.	1.0	17
81	Fine structure of the organ of attachment of the teleost, <i>Garra gotyla gotyla</i> (Ham). <i>Zoology</i> , 2006, 109, 300-309.	0.6	17
82	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.	1.4	17
83	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.	1.6	17
84	Seabuckthorn Pulp Oil Protects against Myocardial Ischemia/Reperfusion Injury in Rats through Activation of Akt/eNOS. <i>Frontiers in Pharmacology</i> , 2016, 7, 155.	1.6	16
85	Retinal cytoarchitecture in Some Mountain-stream Teleosts of India. <i>Environmental Biology of Fishes</i> , 2002, 63, 435-449.	0.4	15
86	Ultrastructural changes of mitochondria in human retinoblastoma: correlation with tumor differentiation and invasiveness. <i>Tumor Biology</i> , 2016, 37, 5797-5803.	0.8	15
87	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.	0.5	14
88	Age related distribution of 4-hydroxy 2-nonenal immunoreactivity in human retina. <i>Experimental Eye Research</i> , 2017, 165, 125-135.	1.2	14
89	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
90	Pathogenic mechanisms contributing to the vulnerability of aging human photoreceptor cells. <i>Eye</i> , 2021, 35, 2917-2929.	1.1	14

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91	Immunohistochemical localization of taurine in the retina of developing and adult human and adult monkey. <i>Neurochemistry International</i> , 1998, 33, 195-200.	1.9	13
92	Structural organization of the toe pads in the amphibian <i>Philautus annandalii</i> (Boulenger, 1906). <i>Acta Zoologica</i> , 2014, 95, 63-72.	0.6	13
93	Ultrastructural changes in the melanocytes of aging human choroid. <i>Micron</i> , 2015, 79, 16-23.	1.1	13
94	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.	1.3	13
95	Accumulation of lipid inclusions in astrocytes of aging human optic nerve. <i>Acta Biologica Hungarica</i> , 2012, 63, 54-64.	0.7	12
96	Age-related changes of the human retinal vessels: Possible involvement of lipid peroxidation. <i>Annals of Anatomy</i> , 2019, 226, 35-47.	1.0	12
97	Lipo-PEG nano-ocular formulation successfully encapsulates hydrophilic fluconazole and traverses corneal and non-corneal path to reach posterior eye segment. <i>Journal of Drug Targeting</i> , 2021, 29, 631-650.	2.1	12
98	Visual outcome and electron microscopic features of indocyanine green-assisted internal limiting membrane peeling from macular hole of various aetiologies. <i>Indian Journal of Ophthalmology</i> , 2005, 53, 159.	0.5	12
99	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.	0.9	11
100	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 ( <i>Gallus gallus</i> ) <i>Tj ETQq0 0 0 rgBTi/Overlock 10 Tf 50 3</i>	1.0	11
101	Hypobaric hypoxia induced fear and extinction memory impairment and effect of <i>Ginkgo biloba</i> in its amelioration: Behavioral, neurochemical and molecular correlates. <i>Behavioural Brain Research</i> , 2020, 387, 112595.	1.2	11
102	Cones in the retina of the catfish, <i>Clarias batrachus</i> (L.). <i>Journal of Fish Biology</i> , 1992, 40, 967-969.	0.7	10
103	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.	1.0	10
104	Differential Expression of AQP1 and AQP4 in Avascular Chick Retina Exposed to Moderate Light of Variable Photoperiods. <i>Neurochemical Research</i> , 2015, 40, 2153-2166.	1.6	10
105	Experimental oral iron administration: Histological investigations and expressions of iron handling proteins in rat retina with aging. <i>Toxicology</i> , 2017, 392, 22-31.	2.0	10
106	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.	1.0	10
107	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. <i>Experimental Eye Research</i> , 2020, 198, 108153.	1.2	9
108	Novel role of mortalin in attenuating HIV-1 Tat-mediated astroglialosis. <i>Journal of Neuroinflammation</i> , 2020, 17, 276.	3.1	9

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109	Aging of the human choriocapillaris: Evidence that early pericyte damage can trigger endothelial changes. <i>Experimental Eye Research</i> , 2021, 212, 108771.	1.2	9
110	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.	1.0	8
111	Differences in outflow channels between two eyes of unilateral primary congenital glaucoma. <i>Acta Ophthalmologica</i> , 2021, 99, 187-194.	0.6	8
112	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.	0.5	8
113	Retinal vascularisation in the loach <i>Noemacheilus rupicola rupicola</i> : coexistence of falciform process and vitreal vessels. <i>Environmental Biology of Fishes</i> , 1993, 36, 385-388.	0.4	7
114	Changing population of neurons and glia in the human cochlear nucleus with progressive age – A stereological study. <i>Journal of the Anatomical Society of India</i> , 2014, 63, 142-150.	0.1	7
115	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.	0.1	7
116	Changes in the Inner Retinal Cells after Intense and Constant Light Exposure in Spragueâ€Dawley Rats. <i>Photochemistry and Photobiology</i> , 2020, 96, 1061-1073.	1.3	7
117	Insulin like growth factor-1 works synergistically with dopamine to attenuate diabetic retinopathy by downregulating vascular endothelial growth factor. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112868.	2.5	7
118	Ontogeny of two calcium-binding proteins (calbindin D-28K and parvalbumin) in the human inferior olivary complex and their distribution in the adults. <i>Journal of Chemical Neuroanatomy</i> , 2004, 27, 183-192.	1.0	6
119	Observations on the synaptic ribbon morphology in retinas of two human subjects at autopsy. <i>Annals of Anatomy</i> , 2009, 191, 556-562.	1.0	6
120	The Human Trochlear and Abducens Nerves at Different Ages - a Morphometric Study. , 2015, 6, 6.		6
121	Pitavastatin attenuates cisplatin-induced renal injury by targeting MAPK and apoptotic pathways. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 1072-1081.	1.2	6
122	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.	0.9	6
123	Ultrastructural and histological changes in tibial remnant of ruptured anterior cruciate ligament stumps: a transmission electron microscopy and immunochemistry-based observational study. <i>Musculoskeletal Surgery</i> , 2020, 104, 67-74.	0.7	6
124	Cardioprotective effects of azilsartan compared with that of telmisartan on an in vivo model of myocardial ischemiaâ€reperfusion injury. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22785.	1.4	6
125	Morphological Changes in the Ligamentum Flavum in Degenerative Lumbar Canal Stenosis: A Prospective, Comparative Study. <i>Asian Spine Journal</i> , 2020, 14, 773-781.	0.8	6
126	<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.	2.8	5



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127	Cytokeratin localization in toe pads of the anuran amphibian <i>Philautus annandalii</i> (Boulenger, 1906). <i>Tissue and Cell</i> , 2014, 46, 165-169.	1.0	5
128	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.	1.7	5
129	In ovo Sound Stimulation Mediated Regulation of BDNF in the Auditory Cortex and Hippocampus of Neonatal Chicks. <i>Neuroscience</i> , 2019, 408, 293-307.	1.1	5
130	Organs of Adhesion in Some Mountain-stream Teleosts of India: Structure-Function Relationship. , 2009, , 105-122.		5
131	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.	0.4	5
132	Morphological and Neurochemical Development of the Human Neural Retina. <i>Neuroembryology and Aging</i> , 2006, 4, 19-30.	0.1	4
133	Temporal distribution of mRNA expression levels of various genes in the developing human inferior colliculus. <i>Neuroscience Letters</i> , 2009, 461, 229-234.	1.0	4
134	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.	1.4	4
135	Clinical implications of microbial biofilms in chronic rhinosinusitis and orbital cellulitis. <i>BMC Ophthalmology</i> , 2016, 16, 165.	0.6	4
136	Electron Microscopy of the Human Choroid. , 2017, , 7-20.		4
137	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.	0.2	4
138	Muscle fiber diameter assessment in cleft lip using image processing. <i>Oral Diseases</i> , 2018, 24, 476-481.	1.5	4
139	Ultrastructural analysis of collagen fibril diameter distribution in cleft lip. <i>Oral Diseases</i> , 2019, 25, 206-214.	1.5	4
140	Primary apocrine adenocarcinoma of caruncle in an elderly male. <i>Canadian Journal of Ophthalmology</i> , 2019, 54, e123-e125.	0.4	4
141	An experimental study to evaluate safety/toxicity of intravitreal natalizumab. <i>Indian Journal of Ophthalmology</i> , 2018, 66, 1441.	0.5	4
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