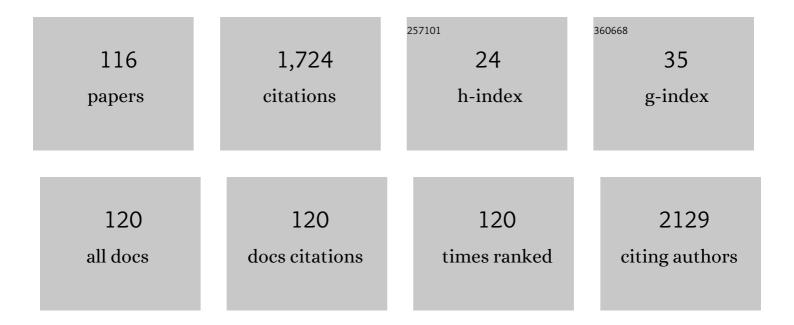
Nitesh Kumar

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A Review on Anticancer Potentials of Benzothiazole Derivatives. Mini-Reviews in Medicinal Chemistry, 2020, 20, 12-23.	1.1	70
2	Silymarin liposomes improves oral bioavailability of silybin besides targeting hepatocytes, and immune cells. Pharmacological Reports, 2014, 66, 788-798.	1.5	69
3	Modulatory Role of Simvastatin against Aluminium Chloride-Induced Behavioural and Biochemical Changes in Rats. Behavioural Neurology, 2015, 2015, 1-9.	1.1	67
4	Impact of caffeic acid on aluminium chloride-induced dementia in rats. Journal of Pharmacy and Pharmacology, 2013, 65, 1745-1752.	1.2	63
5	Epigenetics in NAFLD/NASH: Targets and therapy. Pharmacological Research, 2021, 167, 105484.	3.1	63
6	Preliminary evaluation of in vitro cytotoxicity and in vivo antitumor activity of Premna herbacea Roxb. in Ehrlich ascites carcinoma model and Dalton's lymphoma ascites model. Experimental and Toxicologic Pathology, 2013, 65, 235-242.	2.1	49
7	Catechin ameliorates doxorubicin-induced neuronal cytotoxicity in in vitro and episodic memory deficit in in vivo in Wistar rats. Cytotechnology, 2018, 70, 245-259.	0.7	45
8	Poly(N,N-diethyl acrylamide)/functionalized graphene quantum dots hydrogels loaded with doxorubicin as a nano-drug carrier for metastatic lung cancer in mice. Materials Science and Engineering C, 2019, 105, 110094.	3.8	45
9	Chitosan-glucuronic acid conjugate coated mesoporous silica nanoparticles: A smart pH-responsive and receptor-targeted system for colorectal cancer therapy. Carbohydrate Polymers, 2021, 261, 117893.	5.1	45
10	Phenytoin Levels in Catamenial Epilepsy. Epilepsia, 1988, 29, 155-158.	2.6	44
11	Sesamol Treatment Reduces Plasma Cholesterol and Triacylglycerol Levels in Mouse Models of Acute and Chronic Hyperlipidemia. Lipids, 2013, 48, 633-638.	0.7	44
12	Insulin Blocks Glutamate-Induced Neurotoxicity in Differentiated SH-SY5Y Neuronal Cells. Behavioural Neurology, 2014, 2014, 1-8.	1.1	39
13	Fine needle aspiration cytology of mucoepidermoid carcinoma. A diagnostic problem. Acta Cytologica, 1991, 35, 357-9.	0.7	39
14	<p>Sesamol-Loaded PLGA Nanosuspension for Accelerating Wound Healing in Diabetic Foot Ulcer in Rats</p> . International Journal of Nanomedicine, 2020, Volume 15, 9265-9282.	3.3	38
15	Sesamol, a lipid lowering agent, ameliorates aluminium chloride induced behavioral and biochemical alterations in rats. Pharmacognosy Magazine, 2015, 11, 327.	0.3	32
16	Clear cell hidradenoma simulating breast carcinoma: A diagnostic pitfall in fine-needle aspiration of breast. , 1996, 15, 70-72.		29
17	AFB Staining in cytodiagnosis of tuberculosis without classical features: a comparison of Ziehl-Neelsen and fluorescent methods. Cytopathology, 1998, 9, 208-214.	0.4	29
18	In vitro and in vivo hepatoprotective effects of the total alkaloid fraction of Hygrophila auriculata leaves. Indian Journal of Pharmacology, 2010, 42, 98.	0.4	28

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19	Fluid structure interaction study of stenosed carotid artery considering the effects of blood pressure. International Journal of Engineering Science, 2020, 154, 103341.	2.7	28
20	Elucidation of Structureâ€activity Relationship of 2â€Quinolone Derivatives and Exploration of Their Antitumor Potential Through Baxâ€induced Apoptotic Pathway. Chemical Biology and Drug Design, 2012, 80, 291-299.	1.5	27
21	An appraisal of cinnamyl sulfonamide hydroxamate derivatives (HDACÂinhibitors) for anti-cancer, anti-angiogenic and anti-metastatic activities in human cancer cells. Chemico-Biological Interactions, 2016, 253, 112-124.	1.7	27
22	Catechin ameliorates depressive symptoms in Sprague Dawley rats subjected to chronic unpredictable mild stress by decreasing oxidative stress. Biomedical Reports, 2019, 11, 79-84.	0.9	27
23	Pharmacokinetic and pharmacodynamic evaluation of nasal liposome and nanoparticle based rivastigmine formulations in acute and chronic models of Alzheimer's disease. Naunyn-Schmiedeberg's Archives of Pharmacology, 2021, 394, 1737-1755.	1.4	27
24	An Appraisal of Current Pharmacological Perspectives of Sesamol: A Review. Mini-Reviews in Medicinal Chemistry, 2020, 20, 988-1000.	1.1	27
25	In vitro and in vivo evaluation of novel cinnamyl sulfonamide hydroxamate derivative against colon adenocarcinoma. Chemico-Biological Interactions, 2015, 233, 81-94.	1.7	26
26	Pharmacological Actions and Underlying Mechanisms of Catechin: A Review. Mini-Reviews in Medicinal Chemistry, 2022, 22, 821-833.	1.1	26
27	Antitumor and antioxidant activity of <i>Polyalthia longifolia</i> stem bark ethanol extract. Pharmaceutical Biology, 2010, 48, 690-696.	1.3	25
28	Evaluation of the aphrodisiac potential of a chemically characterized aqueous extract of Tamarindus indica pulp. Journal of Ethnopharmacology, 2018, 210, 118-124.	2.0	24
29	Fine needle aspiration (FNA) cytology of pilomatrixoma. Cytopathology, 1996, 7, 125-131.	0.4	23
30	A study on the role of (+)-catechin in suppression of HepG2 proliferation via caspase dependent pathway and enhancement of itsin vitro and in vivo cytotoxic potential through liposomal formulation. European Journal of Pharmaceutical Sciences, 2013, 50, 353-365.	1.9	23
31	Toxicological evaluation of Terminalia paniculata bark extract and its protective effect against CCl4-induced liver injury in rodents. BMC Complementary and Alternative Medicine, 2013, 13, 127.	3.7	21
32	Effect of insulin on spatial memory in aluminum chloride-induced dementia in rats. NeuroReport, 2017, 28, 540-544.	0.6	21
33	In vitro and in vivo anticancer studies of 2'-hydroxy chalcone derivatives exhibit apoptosis in colon cancer cells by HDAC inhibition and cell cycle arrest. EXCLI Journal, 2017, 16, 448-463.	0.5	21
34	Protective Role of Catechin on d-Galactosamine Induced Hepatotoxicity Through a p53 Dependent Pathway. Indian Journal of Clinical Biochemistry, 2010, 25, 349-356.	0.9	20
35	The effects of Mucuna pruriens extract on histopathological and biochemical features in the rat model of ischemia. NeuroReport, 2017, 28, 1195-1201.	0.6	20
36	Orally delivered solid lipid nanoparticles of irinotecan coupled with chitosan surface modification to treat colon cancer: Preparation, in-vitro and in-vivo evaluations. International Journal of Biological Macromolecules, 2022, 211, 301-315.	3.6	20

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37	Characterization of tubular adenoma of breast-diagnostic problem in fine needle aspirates (FNAs). Cytopathology, 1998, 9, 301-307.	0.4	19
38	Effect of Lecithin and silymarin on D-galactosamine induced toxicity in isolated hepatocytes and rats. Indian Journal of Clinical Biochemistry, 2010, 25, 169-174.	0.9	15
39	Novel 2,5-disubstituted-1,3,4-oxadiazole derivatives induce apoptosis in HepG2 cells through p53 mediated intrinsic pathway. Arabian Journal of Chemistry, 2019, 12, 2548-2555.	2.3	15
40	Dehydrozingerone protects temozolomide-induced cognitive impairment in normal and C6 glioma rats besides enhancing its anticancer potential. 3 Biotech, 2020, 10, 438.	1.1	15
41	Major histocompatibility complex class I chain related geneâ€A microsatellite polymorphism shows secondary association with type 1 diabetes and celiac disease in North Indians. Tissue Antigens, 2012, 80, 356-362.	1.0	14
42	Preliminary investigation of cytotoxic potential of 2-quinolone derivatives using in vitro and in vivo (solid tumor and liquid tumor) models of cancer. Arabian Journal of Chemistry, 2014, 7, 409-417.	2.3	14
43	Standardised extract of safed musli (<i>Chlorophytum borivilianum</i>) increases aphrodisiac potential besides being safe in male Wistar rats. Andrologia, 2016, 48, 1236-1243.	1.0	14
44	Meditation – a two edged sword for psychosis: a case report. Irish Journal of Psychological Medicine, 2016, 33, 247-249.	0.7	14
45	Evaluation of antidepressant activity of methanolic extract of Saraca asoca bark in a chronic unpredictable mild stress model. NeuroReport, 2018, 29, 134-140.	0.6	14
46	Efficacy of Low-Frequency Repetitive Transcranial Magnetic Stimulation in Ischemic Stroke: A Double-Blind Randomized Controlled Trial. Archives of Rehabilitation Research and Clinical Translation, 2020, 2, 100039.	0.5	13
47	Antidepressant-like effect of dehydrozingerone from Zingiber officinale by elevating monoamines in brain: in silico and in vivo studies. Pharmacological Reports, 2021, 73, 1273-1286.	1.5	12
48	Effect of Lecithin on d-Galactosamine Induced Hepatotoxicity Through Mitochondrial Pathway Involving Bcl-2 and Bax. Indian Journal of Clinical Biochemistry, 2011, 26, 378-384.	0.9	11
49	Synthesis and evaluation of selected 1,3,4-oxadiazole derivatives for in vitro cytotoxicity and in vivo anti-tumor activity. Cytotechnology, 2016, 68, 2553-2565.	0.7	11
50	Insulin Protects against Brain Oxidative Stress with an Apparent Effect on Episodic Memory in Doxorubicin-Induced Cognitive Dysfunction in Wistar Rats. Journal of Environmental Pathology, Toxicology and Oncology, 2017, 36, 121-130.	0.6	11
51	Improved in vitro and in vivo hepatoprotective effects of liposomal silymarin in alcohol-induced hepatotoxicity in Wistar rats. Pharmacological Reports, 2019, 71, 703-712.	1.5	11
52	Computational fluid dynamic study on effect of Carreau-Yasuda and Newtonian blood viscosity models on hemodynamic parameters. Journal of Computational Methods in Sciences and Engineering, 2019, 19, 465-477.	0.1	11
53	Modulation of Gut-Brain Axis by Probiotics: A Promising Anti-depressant Approach. Current Neuropharmacology, 2021, 19, 990-1006.	1.4	11
54	Atypical Antidepressant Activity of 3,4-Bis(3,4-Dimethoxyphenyl) Furan-2,5-Dione Isolated from Heart Wood of <i>Cedrus deodara</i> , in Rodents. Korean Journal of Physiology and Pharmacology, 2014, 18, 365.	0.6	10

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55	Evaluation of Ceiba pentandra (L.) Gaertner bark extracts for in vitro cytotoxicity on cancer cells and in vivo antitumor activity in solid and liquid tumor models. Cytotechnology, 2016, 68, 1909-1923.	0.7	10
56	Association of <scp>PTPN</scp> 22+1858 <scp>C</scp> / <scp>T</scp> polymorphism with <scp>T</scp> ype 1 diabetes in the <scp>N</scp> orth <scp>I</scp> ndian population. International Journal of Immunogenetics, 2014, 41, 318-323.	0.8	9
57	Can the methanolic extract of Andrographis paniculata be used as a supplement to anti-snake venom to normalize hemostatic parameters: A thromboelastographic study. Journal of Ethnopharmacology, 2020, 252, 112480.	2.0	9
58	Zinc as a plausible epigenetic modulator of glioblastoma multiforme. European Journal of Pharmacology, 2020, 887, 173549.	1.7	9
59	Anti-snake venom and methanolic extract of Andrographis paniculata: a multipronged strategy to neutralize Naja naja venom acetylcholinesterase and hyaluronidase. 3 Biotech, 2020, 10, 476.	1.1	8
60	Rosuvastatin based novel 3-substituted isocoumarins / 3-alkylidenephthalides: Ultrasound assisted synthesis and identification of new anticancer agents. European Journal of Medicinal Chemistry, 2020, 201, 112335.	2.6	8
61	Role of Statins in New-onset Diabetes Mellitus: The Underlying Cause, Mechanisms Involved, and Strategies to Combat. Current Drug Targets, 2021, 22, 1121-1128.	1.0	8
62	Magnetic field enhancement technique in the fluid flow gap of a single coil twin tube Magnetorheological damper using magnetic shields. Journal of Mechanical Engineering and Sciences, 2020, 14, 6679-6689.	0.3	8
63	Effect of linear and Mooney–Rivlin material model on carotid artery hemodynamics. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	0.8	7
64	Neuroprotective potential of methanolic extract of Saraca asoca bark against doxorubicin-induced neurotoxicity. Pharmacognosy Magazine, 2019, 15, 309.	0.3	7
65	Allotyping human complement factor B in Asian Indian type 1 diabetic patients. Tissue Antigens, 2008, 72, 517-524.	1.0	6
66	<scp>CTLA</scp> 4+49G allele associates with early onset of type 1 diabetes in North Indians. International Journal of Immunogenetics, 2015, 42, 445-452.	0.8	5
67	In vivo Evaluation of Two Thiazolidin-4-one Derivatives in High Sucrose Diet Fed Pre-diabetic Mice and Their Modulatory Effect on AMPK, Akt and p38 MAP Kinase in L6 Cells. Frontiers in Pharmacology, 2016, 7, 381.	1.6	5
68	Vernonia cinerea regenerates tubular epithelial cells in cisplatin induced nephrotoxicity in cancer bearing mice without affecting antitumor activity. Journal of Traditional and Complementary Medicine, 2021, 11, 279-286.	1.5	5
69	Lymph node yield in treatment naÃ ⁻ ve cases of head and neck squamous cell carcinoma: en bloc lymphadenectomy versus level-by-level dissection. Journal of Laryngology and Otology, 2021, 135, 359-366.	0.4	5
70	Histone Deacetylase Inhibitors Prevented the Development of Morphine Tolerance by Decreasing IL6 Production and Upregulating μ-Opioid Receptors. CNS and Neurological Disorders - Drug Targets, 2021, 20, 190-198.	0.8	5
71	Radiotherapy and Its Impact on the Nervous System of Cancer Survivors. CNS and Neurological Disorders - Drug Targets, 2020, 19, 374-385.	0.8	5
72	Clostridium difficile infections in HIV-positive patients with diarrhoea. The National Medical Journal of India, 2014, 27, 138-40.	0.1	5

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73	Hepatoprotective Role of Caesalpenia bonduc : A Histopathological and Biochemical Study. Journal of Clinical and Diagnostic Research JCDR, 2014, 8, HF05-7.	0.8	4
74	Preclinical efficacy of a gastro-sparing novel thiazolidin-4-one in alleviating secondary lesions of polyarthritis: A multi-parametric approach. European Journal of Pharmaceutical Sciences, 2016, 91, 74-83.	1.9	4
75	Chemically characterised extract of <i>Saraca asoca</i> improves the sexual function in male Wistar rats. Andrologia, 2018, 50, e13037.	1.0	4
76	A cadaveric study of variations of external iliac artery and its implication in trauma and radiology. Morphologie, 2019, 103, 24-31.	0.5	4
77	Assessment of preclinical effect of (+)â€catechin hydrate on sexual function: An in silico and in vivo study. Andrologia, 2020, 52, e13737.	1.0	4
78	Restoring chemo-sensitivity to temozolomide via targeted inhibition of poly (ADP-ribose) polymerase-1 by naringin in glioblastoma. Chemical Papers, 2021, 75, 4861-4871.	1.0	4
79	Cinnamyl Sulfonamide Hydroxamate Derivatives Inhibited LPS-Stimulated NF-kB Expression in RAW 264.7 Cells In Vitro and Mitigated Experimental Colitis in Wistar Rats In Vivo. Current Pharmaceutical Design, 2020, 26, 4934-4943.	0.9	4
80	Selected novel 5'-amino-2'-hydroxy-1, 3-diaryl-2-propen-1-ones arrest cell cycle of HCT-116 in GO/G1 phase. EXCLI Journal, 2016, 15, 21-32.	0.5	4
81	Effect of Moringa oleifera leaf extract on exercise and dexamethasone-induced functional impairment in skeletal muscles. Journal of Ayurveda and Integrative Medicine, 2022, 13, 100503.	0.9	4
82	Temozolomide Resistance: A Multifarious Review on Mechanisms Beyond O‑6‑Methylguanine‑DNA Methyltransferase. CNS and Neurological Disorders - Drug Targets, 2022, 21, .	0.8	4
83	Aneurysmal hemorrhage in a pregnant patient with coarctation of aorta: An anesthetic challenge. Journal of Clinical Anesthesia, 2017, 37, 176-178.	0.7	3
84	Paralytic rabies: a Guillain–Barre syndrome mimic. QJM - Monthly Journal of the Association of Physicians, 2019, 112, 365-366.	0.2	3
85	Sesamol protects MIN6 pancreatic beta cells against simvastatin-induced toxicity by restoring mitochondrial membrane potentials. 3 Biotech, 2020, 10, 149.	1.1	3
86	Evaluation of the merit of the methanolic extract of Andrographis paniculata to supplement anti-snake venom in reversing secondary hemostatic abnormalities induced by Naja naja venom. 3 Biotech, 2021, 11, 228.	1.1	3
87	Performance study of RTV-2 Silicone Rubber Material For Soft Actuator by Experimental and Numerical methods: The Effect of Inflation Pressure and Wall Thickness. International Journal of Automotive and Mechanical Engineering, 2020, 17, 7524-7532.	0.5	3
88	Unveiling antioxidant and anti-cancer potentials of characterized Annona reticulata leaf extract in 1,2-dimethylhydrazine-induced colorectal cancer in Wistar rats. Journal of Ayurveda and Integrative Medicine, 2021, 12, 579-589.	0.9	3
89	Lisch nodule—ophthalmologic marker of Neurofibroma 1. QJM - Monthly Journal of the Association of Physicians, 2019, 112, 934-935.	0.2	2
90	Histogenesis and Histomorphometric study of Human Fetal Small Intestine. Ethiopian Journal of Health Sciences, 2019, 29, 689-696.	0.2	2

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91	In silico Study to Evaluate the Antiviral Activity of Novel Structures against 3C-like Protease of Novel Coronavirus (COVID-19) and SARS-CoV. Medicinal Chemistry, 2021, 17, 380-395.	0.7	2
92	Evaluation of Hepatoprotective Effect of Aqueous Extract of Schrebera swietenioides Bark Against Carbon Tetrachloride-Induced Toxicity in Wistar Rats. Advanced Science Letters, 2017, 23, 1917-1920.	0.2	2
93	Evaluation of in vitro and in vivo anticancer potential of two 5-acetamido chalcones against breast cancer. EXCLI Journal, 2017, 16, 1150-1163.	0.5	2
94	Anti-metastatic and Anticancer Potentials of Synthesized Chalcones in B16-F10 Melanoma Cells Induced Metastatic Lung Cancer in C57BL/6 Mice. Indian Journal of Pharmaceutical Education and Research, 2021, 55, S742-S750.	0.3	2
95	Long term toxicity study of a Siddha formulation Vetpalai thailam (VT) in Rats. Research Journal of Pharmacy and Technology, 2021, , 6653-6658.	0.2	2
96	Exploration of antioxidant and antimicrobial potential of methanolic extract of root stock of <i>Premna herbacea</i> . Bangladesh Journal of Pharmacology, 2014, 9, .	0.1	1
97	The First Ever Reported Case of Primary Synovial Sarcoma of Scalp. Case Reports in Surgery, 2016, 2016, 1-6.	0.2	1
98	Long-term exposure to a butter-rich diet induces mild-to-moderate steatosis in Chang liver cells and Swiss albino mice models. Journal of Basic and Clinical Physiology and Pharmacology, 2017, 28, 257-265.	0.7	1
99	PROTECTIVE EFFECT OF KADUKKAI MAATHIRAI (TERMINALIA CHEBULA-BASED POLYHERBAL SIDDHA) Tj ETQq1 1 Clinical Research, 2018, 11, 368.	0.784314 0.3	rgBT /Overlo 1
100	Hemodynamics of Idealized Carotid Artery. MATEC Web of Conferences, 2018, 144, 01020.	0.1	1
101	Retinal astrocytic hamartoma-ophthalmologic marker of tuberous sclerosis. QJM - Monthly Journal of the Association of Physicians, 2019, 112, 451-452.	0.2	1
102	Thickened sural nerve in Hansen's disease. QJM - Monthly Journal of the Association of Physicians, 2021, 114, 202-203.	0.2	1
103	Oral Semaglutide in the Management of Type 2 DM: Clinical Status and Comparative Analysis. Current Drug Targets, 2022, 23, 311-327.	1.0	1
104	Treatment Approaches for COVID-19: A Critical Review. Mini-Reviews in Medicinal Chemistry, 2021, 21, 1747-1769.	1.1	1
105	Hemodynamics of Idealized Carotid Artery. MATEC Web of Conferences, 2018, 144, 01020.	0.1	1
106	An Assessment of Crosstalk between Serotonin and Dopamine Systems after Escitalopram Treatment Using LC-MS Technique with Ion-trap Analyser. , 2020, 82, .		1
107	Angiosarcoma of pericardium presenting with recurrent pericardial effusion. Indian Journal of Cancer, 2016, 53, 122.	0.2	1
108	Exercise and Mitochondrial Function: Importance and InferenceA Mini Review. Current Molecular Medicine, 2021, 21, .	0.6	1

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109	Prenatal Learning and Memory: Review on the Impact of Exposure. Current Pediatric Reviews, 2023, 19, 108-120.	0.4	1
110	Amelioration of high-fat diet (HFD) + CCl4 induced NASH/NAFLD in CF-1 mice by activation of SIRT-1 usin cinnamoyl sulfonamide hydroxamate derivatives: in-silico molecular modelling and in-vivo prediction. 3 Biotech, 2022, 12, .	ng 1.1	1
111	Decitabine Nanoparticles Supplement Docetaxel in the Treatment of Non-Small Cell Lung Cancer (NSCLC). Advanced Science Letters, 2017, 23, 1921-1924.	0.2	0
112	Modulatory Role of Mucuna Pruriens against Aluminium Fluoride Induced Neuronal and Behavioural Alterations in Rats. Journal of Clinical and Diagnostic Research JCDR, 0, , .	0.8	0
113	Effect of dome size on flow dynamics in saccular aneurysms – A numerical study. Journal of Mechanical Engineering and Sciences, 2020, 14, 7181-7190.	0.3	0
114	Concurrent Variations of Celiac and Superior Mesenteric Arteries. Kathmandu University Medical Journal, 2018, 16, 345-347.	0.1	0
115	Severe acute pancreatitis in the early postoperative period due to afferent loop syndrome following gastrectomy for gastric cancer. Annals of the Royal College of Surgeons of England, 2022, 104, e252-e254.	0.3	0
116	Effect of Mucuna pruriens (Linn.) on Global Cerebral Ischemia-induced Motor Incoordination. Tropical Journal of Pharmaceutical Research, 2022, 20, 1193-1198.	0.2	0