Zubair Ahmed

List of Publications by Year
in descending order

109 papers	3,633 citations	159525 30 h-index	161767 54 g-index
112 all docs	112 docs citations	112 times ranked	4426 citing authors

#	Article	IF	Citations
1	Evidence for the use of spinal collars in stabilising spinal injuries in the pre-hospital setting in trauma patients: a systematic review. European Journal of Trauma and Emergency Surgery, 2022, 48, 647-657.	0.8	4
2	Safety and effectiveness of surgical fixation versus non-surgical methods for the treatment of flail chest in adult populations: a systematic review and meta-analysis. European Journal of Trauma and Emergency Surgery, 2022, 48, 1025-1034.	0.8	3
3	Pre-hospital administration of tranexamic acid in trauma patients: A systematic review and meta-analysis. Trauma, 2022, 24, 185-194.	0.2	1
4	Efficacy of tracheal tube introducers and stylets for endotracheal intubation in the prehospital setting: a systematic review and meta-analysis. European Journal of Trauma and Emergency Surgery, 2022, 48, 1723-1735.	0.8	6
5	Photoâ€•and Electrochemical Dualâ€Responsive Iridium Probe for Saccharide Detection. Chemistry - A European Journal, 2022, 28, e202103541.	1.7	8
6	Use of Haemostatic Devices for the Control of Junctional and Abdominal Traumatic Haemorrhage: A Systematic Review. Trauma Care, 2022, 2, 23-38.	0.4	2
7	The Role of Prehospital REBOA for Hemorrhage Control in Civilian and Military Austere Settings: A Systematic Review. Trauma Care, 2022, 2, 63-78.	0.4	2
8	Structureâ€“Function Relationships in the Rodent Streptozotocin-Induced Model for Diabetic Retinopathy: A Systematic Review. Journal of Ocular Pharmacology and Therapeutics, 2022, 38, 271-286.	0.6	9
9	Raman Spectroscopy as a Neuromonitoring Tool in Traumatic Brain Injury: A Systematic Review and Clinical Perspectives. Cells, 2022, 11, 1227.	1.8	10
10	The Impact of a Cervical Collar on Intracranial Pressure in Traumatic Brain Injury Patients: A Systematic Review and Meta-Analysis. Trauma Care, 2022, 2, 1-10.	0.4	1
11	Current Clinical Trials in Traumatic Brain Injury. Brain Sciences, 2022, 12, 527.	1.1	7
12	The Impact of Prehospital Spinal Immobilization in Patients with Penetrating Spinal Injuries: A Systematic Review and Meta-Analysis. Trauma Care, 2022, 2, 226-237.	0.4	1
13	A humble neuroanatomist: Martin Berry, PhD (1936â€“2021). European Journal of Neuroscience, 2022, 56, 3783-3785.	1.2	1
14	Clinicâ€•ready inhibitor of MMPâ€9/â€•12 restores sensory and functional decline in rodent models of spinal cord injury. Clinical and Translational Medicine, 2022, 12, e884.	1.7	6
15	MMPâ€9 and â€•12 inhibition in spinal cord injury restores function. Clinical and Translational Discovery, 2022, 2, .	0.2	0
16	Inhibiting the DNA damage response pathway promotes functional recovery after spinal cord injury. Clinical and Translational Discovery, 2022, 2, .	0.2	1
17	Penetration Enhancers for Topical Drug Delivery to the Ocular Posterior Segmentâ€”A Systematic Review. Pharmaceutics, 2021, 13, 276.	2.0	22
18	Addendum: Thomas et al. Retinal Ganglion Cells Die by Necroptotic Mechanisms in a Site-Specific Manner in a Rat Blunt Ocular Injury Model. Cells 2019, 8, 1517. Cells, 2021, 10, 974.	1.8	0

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19	Generation of Multipotential NG2 Progenitors From Mouse Embryonic Stem Cell-Derived Neural Stem Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 688283.	1.8	1
20	Overexpression of Reticulon 3 Enhances CNS Axon Regeneration and Functional Recovery after Traumatic Injury. Cells, 2021, 10, 2015.	1.8	3
21	Effects of intravitreal injection of siRNA against caspase-2 on retinal and optic nerve degeneration in air blast induced ocular trauma. Scientific Reports, 2021, 11, 16839.	1.6	11
22	Co-Expression Network Analysis of MicroRNAs and Proteins in Severe Traumatic Brain Injury: A Systematic Review. Cells, 2021, 10, 2425.	1.8	3
23	Thermosensitive collagen/fibrinogen gels loaded with decorin suppress lesion site cavitation and promote functional recovery after spinal cord injury. Scientific Reports, 2021, 11, 18124.	1.6	5
24	Are Trauma Surgery Simulation Courses Beneficial in Low- and Middle-Income Countriesâ€"A Systematic Review and Meta-Analysis. Trauma Care, 2021, 1, 130-142.	0.4	0
25	Effects of Memantine in Patients with Traumatic Brain Injury: A Systematic Review. Trauma Care, 2021, 1, 1-14.	0.4	1
26	Synovial tissue from sites of joint pain in knee osteoarthritis patients exhibits a differential phenotype with distinct fibroblast subsets. EBioMedicine, 2021, 72, 103618.	2.7	58
27	Experimental Treatments for Oedema in Spinal Cord Injury: A Systematic Review and Meta-Analysis. Cells, 2021, 10, 2682.	1.8	5
28	Co-Expression Network Analysis of Micro-RNAs and Proteins in the Alzheimerâ€™s Brain: A Systematic Review of Studies in the Last 10 Years. Cells, 2021, 10, 3479.	1.8	7
29	Rapid assessment of ocular drug delivery in a novel ex vivo corneal model. Scientific Reports, 2020, 10, 11754.	1.6	8
30	Opicinumab: is it a potential treatment for multiple sclerosis?. Annals of Translational Medicine, 2020, 8, 892-892.	0.7	9
31	Retinal Ganglion Cell Survival and Axon Regeneration after Optic Nerve Transection is Driven by Cellular Intravitreal Sciatic Nerve Grafts. Cells, 2020, 9, 1335.	1.8	4
32	Targeting Aquaporin-4 Subcellular Localization to Treat Central Nervous System Edema. Cell, 2020, 181, 784-799.e19.	13.5	271
33	Viral delivery of multiple miRNAs promotes retinal ganglion cell survival and functional preservation after optic nerve crush injury. Experimental Eye Research, 2020, 197, 108071.	1.2	17
34	Assessment of necroptosis in the retina in a repeated primary ocular blast injury mouse model. Experimental Eye Research, 2020, 197, 108102.	1.2	11
35	Local injection of a hexametaphosphate formulation reduces heterotopic ossification in vivo. Materials Today Bio, 2020, 7, 100059.	2.6	5
36	A Systematic Review of WNT Signaling in Endothelial Cell Oligodendrocyte Interactions: Potential Relevance to Cerebral Small Vessel Disease. Cells, 2020, 9, 1545.	1.8	20

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37	TNFÎ±-Mediated Priming of Mesenchymal Stem Cells Enhances Their Neuroprotective Effect on Retinal Ganglion Cells. , 2020, 61, 6.		49
38	The Role of Caspase-2 in Regulating Cell Fate. Cells, 2020, 9, 1259.	1.8	44
39	Attenuating the DNA damage response to double-strand breaks restores function in models of CNS neurodegeneration. Brain Communications, 2019, 1, fcz005.	1.5	20
40	Effects of siRNA-Mediated Knockdown of GSK3Î² on Retinal Ganglion Cell Survival and Neurite/Axon Growth. Cells, 2019, 8, 956.	1.8	9
41	Pigment Epithelium-Derived Factor Promotes Axon Regeneration and Functional Recovery After Spinal Cord Injury. Molecular Neurobiology, 2019, 56, 7490-7507.	1.9	11
42	Activation of the BMP4/Smad1 Pathway Promotes Retinal Ganglion Cell Survival and Axon Regeneration. , 2019, 60, 1748.		30
43	BMP4/Smad1 Signalling Promotes Spinal Dorsal Column Axon Regeneration and Functional Recovery After Injury. Molecular Neurobiology, 2019, 56, 6807-6819.	1.9	11
44	Pigment epithelium-derived factor mediates retinal ganglion cell neuroprotection by suppression of caspase-2. Cell Death and Disease, 2019, 10, 102.	2.7	15
45	Retinal Ganglion Cells Die by Necroptotic Mechanisms in a Site-Specific Manner in a Rat Blunt Ocular Injury Model. Cells, 2019, 8, 1517.	1.8	18
46	Return of function after CNS axon regeneration: Lessons from injury-responsive intrinsically photosensitive and alpha retinal ganglion cells. Progress in Retinal and Eye Research, 2019, 71, 57-67.	7.3	18
47	<scp>NF</scp>â€<scp>Y</scp>â€dependent regulation of glutamate receptor 4 expression and cell survival in cells of the oligodendrocyte lineage. Glia, 2018, 66, 1896-1914.	2.5	8
48	Contact Lenses for Color Blindness. Advanced Healthcare Materials, 2018, 7, e1800152.	3.9	45
49	Mesenchymal Stem Cellâ€“Derived Small Extracellular Vesicles Promote Neuroprotection in a Genetic DBA/2J Mouse Model of Glaucoma. , 2018, 59, 5473.		76
50	Aquaporins and Their Regulation after Spinal Cord Injury. Cells, 2018, 7, 174.	1.8	19
51	Caspase-2 Mediates Site-Specific Retinal Ganglion Cell Death After Blunt Ocular Injury. , 2018, 59, 4453.		14
52	Non-viral-mediated suppression of AMIGO3 promotes disinhibited NT3-mediated regeneration of spinal cord dorsal column axons. Scientific Reports, 2018, 8, 10707.	1.6	21
53	TGF-Î²-induced IOP elevations are mediated by RhoA in the early but not the late fibrotic phase of open angle glaucoma. Molecular Vision, 2018, 24, 712-726.	1.1	20
54	Caspases in retinal ganglion cell death and axon regeneration. Cell Death Discovery, 2017, 3, 17032.	2.0	64

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55	Anti-Angiogenic Properties of Vitreousâ˜†. , 2017, , .		1
56	LINGO-1 and AMIGO3, potential therapeutic targets for neurological and dysmyelinating disorders?. Neural Regeneration Research, 2017, 12, 1247.	1.6	19
57	Breastfeeding in Samoa: A Study to Explore Women's Knowledge and the Factors which Influence Infant Feeding Practices. Hawai'i Journal of Medicine & Public Health: A Journal of Asia Pacific Medicine & Public Health, 2017, 76, 15-22.	0.4	1
58	Awareness of Gestational Diabetes and its Risk Factors among Pregnant Women in Samoa. Hawai'i Journal of Medicine & Public Health: A Journal of Asia Pacific Medicine & Public Health, 2017, 76, 48-54.	0.4	8
59	siRNA-Mediated Knockdown of the mTOR Inhibitor RTP801 Promotes Retinal Ganglion Cell Survival and Axon Elongation by Direct and Indirect Mechanisms. , 2016, 57, 429.		35
60	Long-term neuroprotection of retinal ganglion cells by inhibiting caspase-2. Cell Death Discovery, 2016, 2, 16044.	2.0	21
61	Prospects for mTOR-mediated functional repair after central nervous system trauma. Neurobiology of Disease, 2016, 85, 99-110.	2.1	55
62	Decorin treatment for reversing trabecular meshwork fibrosis in open-angle glaucoma. Neural Regeneration Research, 2016, 11, 922.	1.6	7
63	Decorin Reduces Intraocular Pressure and Retinal Ganglion Cell Loss in Rodents Through Fibrolysis of the Scarred Trabecular Meshwork. , 2015, 56, 3743.		36
64	Eye drop delivery of pigment epithelium-derived factor-34 promotes retinal ganglion cell neuroprotection and axon regeneration. Molecular and Cellular Neurosciences, 2015, 68, 212-221.	1.0	35
65	Combined suppression of CASP2 and CASP6 protects retinal ganglion cells from apoptosis and promotes axon regeneration through CNTF-mediated JAK/STAT signalling. Brain, 2014, 137, 1656-1675.	3.7	57
66	Caspase-9 Mediates Photoreceptor Death After Blunt Ocular Trauma. , 2014, 55, 6350.		11
67	Differential cavitation, angiogenesis and wound-healing responses in injured mouse and rat spinal cords. Neuroscience, 2014, 275, 62-80.	1.1	50
68	Decorin blocks scarring and cystic cavitation in acute and induces scar dissolution in chronic spinal cord wounds. Neurobiology of Disease, 2014, 64, 163-176.	2.1	47
69	Decorin treatment of spinal cord injury. Neural Regeneration Research, 2014, 9, 1653.	1.6	28
70	AMIGO3 Is an NgR1/p75 Co-Receptor Signalling Axon Growth Inhibition in the Acute Phase of Adult Central Nervous System Injury. PLoS ONE, 2013, 8, e61878.	1.1	35
71	The role of angiogenic and wound-healing factors after spinal cord injury in mammals. Neuroscience Research, 2013, 76, 1-9.	1.0	36
72	Exploiting mTOR Signaling: A Novel Translatable Treatment Strategy for Traumatic Optic Neuropathy?. , 2013, 54, 6903.		59

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73	Caspase-2 Is Upregulated after Sciatic Nerve Transection and Its Inhibition Protects Dorsal Root Ganglion Neurons from Apoptosis after Serum Withdrawal. PLoS ONE, 2013, 8, e57861.	1.1	25
74	Pigment Epithelium-Derived Factor Is Retinal Ganglion Cell Neuroprotective and Axogenic After Optic Nerve Crush Injury. , 2013, 54, 2624.		50
75	Neuroprotection in a Novel Mouse Model of Multiple Sclerosis. PLoS ONE, 2013, 8, e79188.	1.1	32
76	Cannabinoids: Do they have the potential to treat the symptoms of multiple sclerosis?. World Journal of Neurology, 2013, 3, 87.	0.6	0
77	Receptor Tyrosine Kinases: Molecular Switches Regulating CNS Axon Regeneration. Journal of Signal Transduction, 2012, 2012, 1-14.	2.0	15
78	Animal Models of Retinal Injury. , 2012, 53, 2913.		35
79	AAV8gfp preferentially targets large diameter dorsal root ganglion neurones after both intra-dorsal root ganglion and intrathecal injection. Molecular and Cellular Neurosciences, 2012, 49, 464-474.	1.0	56
80	Pharmacological Inhibition of Caspase-2 Protects Axotomised Retinal Ganglion Cells from Apoptosis in Adult Rats. PLoS ONE, 2012, 7, e53473.	1.1	42
81	Neuroretinal Cell Death in a Murine Model of Closed Globe Injury: Pathological and Functional Characterization. , 2012, 53, 7220.		26
82	Authors response to scientific correspondence. Neuropathology and Applied Neurobiology, 2012, 38, 381-381.	1.8	1
83	Epidermal growth factor receptor antagonists and CNS axon regeneration: Mechanisms and controversies. Brain Research Bulletin, 2011, 84, 289-299.	1.4	31
84	Citron kinase regulates axon growth through a pathway that converges on cofilin downstream of RhoA. Neurobiology of Disease, 2011, 41, 421-429.	2.1	15
85	Loss-of-Function Mutations in RAB18 Cause Warburg Micro Syndrome. American Journal of Human Genetics, 2011, 88, 499-507.	2.6	158
86	Ocular neuroprotection by siRNA targeting caspase-2. Cell Death and Disease, 2011, 2, e173-e173.	2.7	127
87	Optic nerve and vitreal inflammation are both RGC neuroprotective but only the latter is RGC axogenic. Neurobiology of Disease, 2010, 37, 441-454.	2.1	45
88	Satellite glia not DRG neurons constitutively activate EGFR but EGFR inactivation is not correlated with axon regeneration. Neurobiology of Disease, 2010, 39, 292-300.	2.1	15
89	Off-target effects of epidermal growth factor receptor antagonists mediate retinal ganglion cell disinhibited axon growth. Brain, 2009, 132, 3102-3121.	3.7	67
90	Epidermal growth factor receptor inhibitors promote CNS axon growth through off-target effects on glia. Neurobiology of Disease, 2009, 36, 142-150.	2.1	26

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91	In vitro evaluation of a â€˜stealthâ€™ adenoviral vector for targeted gene delivery to adult mammalian neurones. Journal of Gene Medicine, 2009, 11, 335-344.	1.4	7
92	Profiling RNA interference (RNAi)â€mediated toxicity in neural cultures for effective short interfering RNA design. Journal of Gene Medicine, 2009, 11, 523-534.	1.4	29
93	Optimisation of siRNA-mediated RhoA silencing in neuronal cultures. Molecular and Cellular Neurosciences, 2009, 40, 451-462.	1.0	25
94	ROCK inhibition promotes adult retinal ganglion cell neurite outgrowth only in the presence of growth promoting factors. Molecular and Cellular Neurosciences, 2009, 42, 128-133.	1.0	58
95	Angiogenic Signalling Pathways. Methods in Molecular Biology, 2009, 467, 3-24.	0.4	67
96	Targeting adenoviral transgene expression to neurons. Molecular and Cellular Neurosciences, 2008, 39, 411-417.	1.0	11
97	A Novel Role for PECAM-1 (CD31) in Regulating Haematopoietic Progenitor Cell Compartmentalization between the Peripheral Blood and Bone Marrow. PLoS ONE, 2008, 3, e2338.	1.1	33
98	Regeneration of axons in the visual system. Restorative Neurology and Neuroscience, 2008, 26, 147-74.	0.4	110
99	Neurotrophic factor synergy is required for neuronal survival and disinhibited axon regeneration after CNS injury. Brain, 2006, 129, 490-502.	3.7	135
100	Schwann cell-derived factor-induced modulation of the NgR/p75NTR/EGFR axis disinhibits axon growth through CNS myelin in vivo and in vitro. Brain, 2006, 129, 1517-1533.	3.7	79
101	TACEâ€induced cleavage of NgR and p75 NTR in dorsal root ganglion cultures disinhibits outgrowth and promotes branching of neurites in the presence of inhibitory CNS myelin. FASEB Journal, 2006, 20, 1939-1941.	0.2	72
102	A versatile reducible polycation-based system for efficient delivery of a broad range of nucleic acids. Nucleic Acids Research, 2005, 33, e86-e86.	6.5	245
103	Matrix metalloproteases: degradation of the inhibitory environment of the transected optic nerve and the scar by regenerating axons. Molecular and Cellular Neurosciences, 2005, 28, 64-78.	1.0	92
104	Disinhibition of neurotrophin-induced dorsal root ganglion cell neurite outgrowth on CNS myelin by siRNA-mediated knockdown of NgR, p75NTR and Rho-A. Molecular and Cellular Neurosciences, 2005, 28, 509-523.	1.0	87
105	Interleukin-12 induces mild experimental allergic encephalomyelitis following local central nervous system injury in the Lewis rat. Journal of Neuroimmunology, 2003, 140, 109-117.	1.1	6
106	A Role for Caspase-1 and -3 in the Pathology of Experimental Allergic Encephalomyelitis. American Journal of Pathology, 2002, 161, 1577-1586.	1.9	57
107	Management of flail chest injury: Internal fixation versus endotracheal intubation and ventilation. Journal of Thoracic and Cardiovascular Surgery, 1995, 110, 1676-1680.	0.4	197
108	Synovial Tissue from Sites of Joint Pain in Knee Osteoarthritis Patients Exhibits a Differential Phenotype with Distinct Fibroblast Subsets. SSRN Electronic Journal, 0, , .	0.4	0

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109	Ventilating the blast lung: Exploring ventilation strategies in primary blast lung injury. Trauma, 0, , 146040862210800.	0.2	0