

# Tumul Chowdhury

## List of Publications by Year in descending order

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Version: 2024-02-01

93  
papers

1,009  
citations

471509

17  
h-index

526287

27  
g-index

93  
all docs

93  
docs citations

93  
times ranked

729  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trigemino-cardiac Reflex. Journal of Neurosurgical Anesthesiology, 2015, 27, 136-147.	1.2	114
2	Anesthetic Influence on Occurrence and Treatment of the Trigemino-Cardiac Reflex. Medicine (United Tj ETQq0 0 Q rgBT /Overlock 10 T	1.6	59
3	Immediate postoperative complications in transsphenoidal pituitary surgery: A prospective study. Saudi Journal of Anaesthesia, 2014, 8, 335.	0.7	44
4	State of the art paper The trigeminocardiac reflex â€“ a comparison with the diving reflex in humans. Archives of Medical Science, 2015, 2, 419-426.	0.9	40
5	Trigemino-cardiac reflex: differential behavior and risk factors in the course of the trigeminal nerve. Future Neurology, 2014, 9, 41-47.	0.5	39
6	Definition and Diagnosis of the Trigemino-cardiac Reflex: A Grounded Theory Approach for an Update. Frontiers in Neurology, 2017, 8, 533.	2.4	38
7	Anaesthesia in underdeveloped world: Present scenario and future challenges. Nigerian Medical Journal, 2014, 55, 1.	0.6	37
8	Cardiac Emergencies in Neurosurgical Patients. BioMed Research International, 2015, 2015, 1-14.	1.9	27
9	Perioperative Factors Contributing the Post-Craniotomy Pain: A Synthesis of Concepts. Frontiers in Medicine, 2017, 4, 23.	2.6	27
10	Coronary Spasm in Neurosurgical Patients and Role of Trigemino-cardiac Reflex. Neurology Research International, 2014, 2014, 1-5.	1.3	26
11	Perioperative considerations for neurosurgical procedures in the gravid patient: Continuing Professional Development. Canadian Journal of Anaesthesia, 2013, 60, 1139-1155.	1.6	24
12	Intraoperative Asystole in a Patient Undergoing Craniotomy Under Monitored Anesthesia Care. Journal of Neurosurgical Anesthesiology, 2013, 25, 92-93.	1.2	24
13	Chronic Trigemino-Cardiac Reflex in Patient With Orbital Floor Fracture. Journal of Neurosurgical Anesthesiology, 2014, 26, 91-92.	1.2	22
14	Pre-hospital and initial management of head injury patients: An update. Saudi Journal of Anaesthesia, 2014, 8, 114.	0.7	20
15	Retrogasserian Glycerol Rhizolysis. Journal of Neurosurgical Anesthesiology, 2014, 26, 86-87.	1.2	20
16	Sudden Infant Death Syndrome â€“ Role of Trigemino-cardiac Reflex: A Review. Frontiers in Neurology, 2016, 7, 221.	2.4	20
17	Trigemino-cardiac reflex: current trends. Expert Review of Cardiovascular Therapy, 2014, 12, 9-11.	1.5	19
18	Anesthetics impact on cancer recurrence: What do we know?. Journal of Cancer Research and Therapeutics, 2016, 12, 464.	0.9	18

#	ARTICLE	IF	CITATIONS
19	Severe Bradycardia During Neurosurgical Procedure. <i>Medicine (United States)</i> , 2015, 94, e2118.	1.0	15
20	Sleep Disorders: Is the Trigemino-Cardiac Reflex a Missing Link?. <i>Frontiers in Neurology</i> , 2017, 8, 63.	2.4	15
21	Perioperative Variables Contributing to the Rupture of Intracranial Aneurysm: An Update. <i>Scientific World Journal, The</i> , 2013, 2013, 1-7.	2.1	14
22	How to apply case reports in clinical practice using surrogate models via example of the trigeminocardiac reflex. <i>Journal of Medical Case Reports</i> , 2016, 10, 84.	0.8	14
23	The negative chronotropic effect during lumbar spine surgery. <i>Medicine (United States)</i> , 2017, 96, e5436.	1.0	14
24	Controversies in the Anesthetic Management of Intraoperative Rupture of Intracranial Aneurysm. <i>Anesthesiology Research and Practice</i> , 2014, 2014, 1-10.	0.7	13
25	Trigemino-cardiac reflex during cerebellopontine angle surgery: anatomical location as a new risk factor. <i>Future Neurology</i> , 2015, 10, 7-13.	0.5	13
26	The clinical surrogate definition of the trigeminocardiac reflex. <i>Medicine (United States)</i> , 2017, 96, e9033.	1.0	13
27	Pathophysiology of Cerebral Edema—A Comprehensive Review. <i>Journal of Neuroanaesthesiology and Critical Care</i> , 2021, 08, 163-172.	0.2	13
28	Meta-areas of the Trigemino-cardiac Reflex Within the Skull Base: A Neuroanatomic “Thinking” Model. <i>Journal of Neurosurgical Anesthesiology</i> , 2016, 28, 437-438.	1.2	12
29	Analysis of facial motor evoked potentials for assessing a central mechanism in hemifacial spasm. <i>Journal of Neurosurgery</i> , 2017, 126, 379-385.	1.6	12
30	Trigemino-cardiac reflex in cerebrovascular surgery: a review and an attempt of a predictive analysis. <i>Expert Review of Cardiovascular Therapy</i> , 2017, 15, 203-209.	1.5	12
31	The Trigemino-cardiac Reflex: Is Treatment With Atropine Still Justified?. <i>Journal of Neurosurgical Anesthesiology</i> , 2017, 29, 372-373.	1.2	12
32	Is hemifacial spasm a phenomenon of the central nervous system? “The role of desflurane on the lateral spread response. <i>Clinical Neurophysiology</i> , 2015, 126, 1354-1359.	1.5	11
33	Brain and heart connections: The trigeminocardiac reflex!. <i>Journal of Neuroanaesthesiology and Critical Care</i> , 2017, 04, 071-077.	0.2	11
34	Chronic Trigemino-Cardiac Reflex: An Underestimated Truth. <i>Frontiers in Neurology</i> , 2017, 8, 22.	2.4	10
35	Management of Acute Ischemic Stroke in the Interventional Neuroradiology Suite During the COVID-19 Pandemic: A Global Survey. <i>Journal of Neurosurgical Anesthesiology</i> , 2021, 33, 44-50.	1.2	10
36	Peripheral trigeminocardiac reflex. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2013, 34, 616.	1.3	9

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37	Severe bradycardia during scalp nerve block in patient undergoing awake craniotomy. Saudi Journal of Anaesthesia, 2013, 7, 356.	0.7	9
38	Role of colloids in traumatic brain injury: Use or not to be used?. Journal of Anaesthesiology Clinical Pharmacology, 2013, 29, 299.	0.7	9
39	Editorial: The Trigemino-cardiac Reflex: Beyond the Diving Reflex. Frontiers in Neuroscience, 2017, 11, 673.	2.8	9
40	Anesthesia for Awake Craniotomy for Brain Tumors in an Intraoperative MRI Suite: Challenges and Evidence. Frontiers in Oncology, 2018, 8, 519.	2.8	9
41	Specific intensive care management of patients with traumatic brain injury: Present and future. Saudi Journal of Anaesthesia, 2014, 8, 268.	0.7	8
42	General intensive care for patients with traumatic brain injury: An update. Saudi Journal of Anaesthesia, 2014, 8, 256.	0.7	8
43	Rhinitis and sleep disorders: The trigemino-cardiac reflex link?. Medical Hypotheses, 2017, 103, 96-99.	1.5	8
44	Risk Factors and Characteristics of Intraoperative Seizures During Awake Craniotomy: A Retrospective Cohort Study of 562 Consecutive Patients With a Space-occupying Brain Lesion. Journal of Neurosurgical Anesthesiology, 2023, 35, 194-200.	1.2	8
45	The Role of Acute Trigemino-Cardiac Reflex in Unusual, Non-Surgical Cases: A Review. Frontiers in Neurology, 2016, 7, 186.	2.4	7
46	The Role of Intraoperative MRI in Awake Neurosurgical Procedures: A Systematic Review. Frontiers in Oncology, 2018, 8, 434.	2.8	7
47	Brain Cancer Progression. Journal of Neurosurgical Anesthesiology, 2021, Publish Ahead of Print, .	1.2	7
48	Early brain injury and subarachnoid hemorrhage: Where are we at present?. Saudi Journal of Anaesthesia, 2013, 7, 187.	0.7	6
49	Brain and Heart Crosstalk During Neurointerventional Procedures. Journal of Neurosurgical Anesthesiology, 2020, Publish Ahead of Print, .	1.2	6
50	Recurrent bradycardia and asystole in a patient undergoing supratentorial tumor resection: Different types of trigemino-cardiac reflex in same patients. Saudi Journal of Anaesthesia, 2013, 7, 216.	0.7	5
51	The Oculocardiac Reflex. , 2015, , 89-99.		5
52	Key to Prevention of Bradycardia. Medicine (United States), 2016, 95, e3733.	1.0	4
53	Hemodynamic Perturbations in Deep Brain Stimulation Surgery: First Detailed Description. Frontiers in Neuroscience, 2017, 11, 477.	2.8	4
54	Effect of Daytime Versus Night-time on Outcome in Patients Undergoing Emergent Neurosurgical Procedures. Journal of Neurosurgical Anesthesiology, 2020, 32, 315-322.	1.2	4

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55	Severe hypotension in transforaminal lumbar interbody fusion surgery: Is it vasovagal or?. Journal of Innovative Optical Health Sciences, 2017, 12, 149-150.	1.0	4
56	Awake Craniotomy Under 3-Tesla Intraoperative Magnetic Resonance Imaging. Journal of Neurosurgical Anesthesiology, 2020, Publish Ahead of Print, e46-e51.	1.2	4
57	Anesthesia for feeding jejunostomy in a case of difficult airway: A novel approach. Saudi Journal of Anaesthesia, 2013, 7, 486.	0.7	3
58	Early cognitive decline in pituitary surgery: is nitrous oxide the culprit?. Future Neurology, 2014, 9, 579-585.	0.5	3
59	The Role of Simulation in Planning Intraoperative Magnetic Resonance Imaging-Guided Neurosurgical Procedures. A & A Case Reports, 2017, 8, 158-160.	0.7	3
60	Using strength-duration analysis to identify the afferent limb of the lateral spread response in hemifacial spasm patients during microvascular decompression surgery. Journal of Clinical Neuroscience, 2020, 74, 6-10.	1.5	3
61	Neuroanesthetic considerations for emergent extracranial surgeries: What to know?. Saudi Journal of Anaesthesia, 2012, 6, 408.	0.7	2
62	See-saw pattern in ventilator graphic: Is there any story behind?. Nigerian Medical Journal, 2014, 55, 359.	0.6	2
63	Molecular imaging for stem cell therapy in the brain. Stem Cell Research and Therapy, 2015, 6, 252.	5.5	2
64	Trigemino-cardiac Reflex. , 2015, , 65-79.		2
65	Anesthesia and the Trigemino-cardiac Reflex. , 2015, , 153-167.		2
66	Photic sneeze reflex: another variant of the trigemino-cardiac reflex?. Future Neurology, 2019, 14, FNL32.	0.5	2
67	The Effects of Anesthetics on Glioma Progression. Journal of Neurosurgical Anesthesiology, 2020, Publish Ahead of Print, .	1.2	2
68	The Trigemino-cardiac Reflex and Implications for Neuroanesthesia. Journal of Neurosurgical Anesthesiology, 2021, 33, 5-7.	1.2	2
69	Chronic haemodynamic disturbances in neurointensive care: First description. Nigerian Medical Journal, 2013, 54, 361.	0.6	1
70	Airway management for oral surgery in a patient with repaired cleft palate. Saudi Journal of Anaesthesia, 2013, 7, 490.	0.7	1
71	Role of Midazolam in Parkinsonian Tremors: To Use or Not to Use. Canadian Journal of Neurological Sciences, 2013, 40, 616-616.	0.5	1
72	The Trigeminal Nerve. , 2015, , 9-35.		1

#	ARTICLE	IF	CITATIONS
73	The Trigemino-cardiac Reflex in Neurological Disorders. , 2015, , 145-151.		1
74	A Step Furtherâ€”The Role of Trigemino-cardiac Reflex in Therapeutic Implications: Hypothesis, Evidence, and Experimental Models. Journal of Neurosurgical Anesthesiology, 2022, 34, 364-371.	1.2	1
75	Reappearance of Neurological Deficits in Pathologic Brain. Journal of Neurosurgical Anesthesiology, 2021, Publish Ahead of Print, 14-20.	1.2	1
76	Trigemino-cardiac reflex: an overview. , 2018, 86, 276-282.		1
77	Perioperative Complications and Anesthesia Practices in Managing Patients With Quadriplegia Undergoing Surgery: A Systematic Review. Frontiers in Medicine, 2022, 9, 852892.	2.6	1
78	Extubation time in neurosurgical patients: does it matter?. Journal of Anesthesia, 2013, 27, 476-476.	1.7	0
79	Intravenous lignocaine for treatment of refractory ileus following spinal cord injury. Indian Journal of Critical Care Medicine, 2013, 17, 264-264.	0.9	0
80	Single transducer technique: A novel and cost effective approach. Nigerian Medical Journal, 2013, 54, 285.	0.6	0
81	Airway management in patient with retropharyngeal cerebrospinal fluid collection with pre-existing multiple airway problems. Saudi Journal of Anaesthesia, 2013, 7, 353.	0.7	0
82	Acute Neurological Complication in Awake Craniotomy; - A Diagnostic Dilemma. Canadian Journal of Neurological Sciences, 2013, 40, 617-618.	0.5	0
83	The Need for Development of Protocol for Managing Refractory Cerebral Vasospasm. Journal of Neurosurgical Anesthesiology, 2014, 26, 264-265.	1.2	0
84	The Trigemino-cardiac Reflex â€” An Example of Reflexive Heart Rhythm Change. , 2015, , .		0
85	The Trigemino-cardiac Reflex During Subarachnoid Hemorrhage and Neurovascular Surgery. , 2015, , 113-127.		0
86	The Future Role of the Trigemino-cardiac Reflex. , 2015, , 233-238.		0
87	Classification of Meningiomas in the Cerebellopontine Angle. Tumors of the Central Nervous System, 2015, , 43-53.	0.1	0
88	Trigemino-cardiac reflex: beyond a skull base reflex. Future Neurology, 2017, 12, 117-120.	0.5	0
89	Letter to the Editor Regarding â€œEvidences in Neurological Surgery and a Cutting Edge Classification of the Trigemino-cardiac Reflex: A Systematic Reviewâ€. World Neurosurgery, 2018, 119, 450.	1.3	0
90	Year in Review: Synopsis of Selected Articles in Neuroanesthesia and Neurocritical Care from 2018. Journal of Neuroanaesthesiology and Critical Care, 2019, 06, 018-023.	0.2	0

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91	Mechanical Thrombectomy for Stroke and COVID-19 Pandemic: A Critical Insight for Anesthesiologists. Frontiers in Medicine, 2021, 8, 674034.	2.6	0
92	Asystole During Airway Manipulation in Neurosurgical Patient:Causes and Management. International Journal of Anesthesiology & Research, 0, , 01-02.	1.0	0
93	The trigeminocardiac reflex: the course of the emerged definition over the last 21 years. Future Neurology, 2020, 15, .	0.5	0