

David E Newman-Toker

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

8,344
citations

81839

39
h-index

48277

88
g-index

98
all docs

98
docs citations

98
times ranked

4218
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnostic criteria for Menière's disease. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2015, 25, 1-7.	0.8	995
2	HINTS to Diagnose Stroke in the Acute Vestibular Syndrome. <i>Stroke</i> , 2009, 40, 3504-3510.	1.0	911
3	Classification of vestibular symptoms: Towards an international classification of vestibular disorders. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2009, 19, 1-13.	0.8	485
4	Spectrum of Dizziness Visits to US Emergency Departments: Cross-Sectional Analysis From a Nationally Representative Sample. <i>Mayo Clinic Proceedings</i> , 2008, 83, 765-775.	1.4	339
5	Diagnostic Errors—The Next Frontier for Patient Safety. <i>JAMA - Journal of the American Medical Association</i> , 2009, 301, 1060.	3.8	338
6	Normal head impulse test differentiates acute cerebellar strokes from vestibular neuritis. <i>Neurology</i> , 2008, 70, 2378-2385.	1.5	328
7	Does my dizzy patient have a stroke? A systematic review of bedside diagnosis in acute vestibular syndrome. <i>Cmaj</i> , 2011, 183, E571-E592.	0.9	320
8	HINTS Outperforms ABCD ² to Screen for Stroke in Acute Continuous Vertigo and Dizziness. <i>Academic Emergency Medicine</i> , 2013, 20, 986-996.	0.8	281
9	Diagnosis and initial management of cerebellar infarction. <i>Lancet Neurology</i> , The, 2008, 7, 951-964.	4.9	268
10	Imprecision in Patient Reports of Dizziness Symptom Quality: A Cross-sectional Study Conducted in an Acute Care Setting. <i>Mayo Clinic Proceedings</i> , 2007, 82, 1329-1340.	1.4	244
11	Small strokes causing severe vertigo. <i>Neurology</i> , 2014, 83, 169-173.	1.5	205
12	TiTrATE. <i>Neurologic Clinics</i> , 2015, 33, 577-599.	0.8	190
13	ED misdiagnosis of cerebrovascular events in the era of modern neuroimaging. <i>Neurology</i> , 2017, 88, 1468-1477.	1.5	185
14	Missed diagnosis of stroke in the emergency department: a cross-sectional analysis of a large population-based sample. <i>Diagnosis</i> , 2014, 1, 155-166.	1.2	174
15	Overview of the International Classification of Vestibular Disorders. <i>Neurologic Clinics</i> , 2015, 33, 541-550.	0.8	162
16	Quantitative Video-Oculography to Help Diagnose Stroke in Acute Vertigo and Dizziness. <i>Stroke</i> , 2013, 44, 1158-1161.	1.0	159
17	Overreliance on Symptom Quality in Diagnosing Dizziness: Results of a Multicenter Survey of Emergency Physicians. <i>Mayo Clinic Proceedings</i> , 2007, 82, 1319-1328.	1.4	125
18	Clinical Characteristics of Symptomatic Vertebral Artery Dissection. <i>Neurologist</i> , 2012, 18, 245-254.	0.4	119

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19	Diagnosing Stroke in Acute Dizziness and Vertigo. <i>Stroke</i> , 2018, 49, 788-795.	1.0	113
20	Diagnosing Stroke in Acute Vertigo: The HINTS Family of Eye Movement Tests and the Future of the "Eye ECG". <i>Seminars in Neurology</i> , 2015, 35, 506-521.	0.5	112
21	How much diagnostic safety can we afford, and how should we decide? A health economics perspective. <i>BMJ Quality and Safety</i> , 2013, 22, ii11-ii20.	1.8	102
22	How Often is Dizziness from Primary Cardiovascular Disease True Vertigo? A Systematic Review. <i>Journal of General Internal Medicine</i> , 2008, 23, 2087-2094.	1.3	96
23	Nystagmus Assessments Documented by Emergency Physicians in Acute Dizziness Presentations: A Target for Decision Support?. <i>Academic Emergency Medicine</i> , 2011, 18, 619-626.	0.8	94
24	Serious misdiagnosis-related harms in malpractice claims: The "Big Three" vascular events, infections, and cancers. <i>Diagnosis</i> , 2019, 6, 227-240.	1.2	94
25	Disconnect Between Charted Vestibular Diagnoses and Emergency Department Management Decisions: A Cross-sectional Analysis From a Nationally Representative Sample. <i>Academic Emergency Medicine</i> , 2009, 16, 970-977.	0.8	91
26	Misdiagnosing Dizzy Patients. <i>Neurologic Clinics</i> , 2015, 33, 565-575.	0.8	91
27	Missed stroke in acute vertigo and dizziness: It is time for action, not debate. <i>Annals of Neurology</i> , 2016, 79, 27-31.	2.8	89
28	A New Diagnostic Approach to the Adult Patient with Acute Dizziness. <i>Journal of Emergency Medicine</i> , 2018, 54, 469-483.	0.3	87
29	A unified conceptual model for diagnostic errors: underdiagnosis, overdiagnosis, and misdiagnosis. <i>Diagnosis</i> , 2014, 1, 43-48.	1.2	79
30	Classification of vestibular signs and examination techniques: Nystagmus and nystagmus-like movements. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2019, 29, 57-87.	0.8	79
31	Symptom-Disease Pair Analysis of Diagnostic Error (SPADE): a conceptual framework and methodological approach for unearthing misdiagnosis-related harms using big data. <i>BMJ Quality and Safety</i> , 2018, 27, 557-566.	1.8	75
32	NIH Roundtable on Opportunities to Advance Research on Neurologic and Psychiatric Emergencies. <i>Annals of Emergency Medicine</i> , 2010, 56, 551-564.	0.3	63
33	Diagnostic Errors in the Pediatric and Neonatal ICU. <i>Pediatric Critical Care Medicine</i> , 2015, 16, 29-36.	0.2	59
34	Rate of diagnostic errors and serious misdiagnosis-related harms for major vascular events, infections, and cancers: toward a national incidence estimate using the "Big Three". <i>Diagnosis</i> , 2021, 8, 67-84.	1.2	59
35	Patient centred diagnosis: sharing diagnostic decisions with patients in clinical practice. <i>BMJ: British Medical Journal</i> , 2017, 359, j4218.	2.4	53
36	Intraventricular Thrombolysis in Intracerebral Hemorrhage Requiring Ventriculostomy. <i>Stroke</i> , 2014, 45, 2629-2635.	1.0	51

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37	Missed diagnoses of acute myocardial infarction in the emergency department: variation by patient and facility characteristics. <i>Diagnosis</i> , 2015, 2, 29-40.	1.2	51
38	Imaging Characteristics of Symptomatic Vertebral Artery Dissection. <i>Neurologist</i> , 2012, 18, 255-260.	0.4	49
39	Anti-Ma2-associated encephalitis with normal FDG-PET: a case of pseudo-Whipple's disease. <i>Nature Clinical Practice Neurology</i> , 2006, 2, 566-572.	2.7	41
40	Clinical and electrographic findings in epileptic vertigo and dizziness. <i>Neurology</i> , 2015, 84, 1595-1604.	1.5	37
41	Symptoms and Signs of Neuro-otologic Disorders. <i>CONTINUUM Lifelong Learning in Neurology</i> , 2012, 18, 1016-1040.	0.4	36
42	Impact of artifacts on VOR gain measures by video-oculography in the acute vestibular syndrome. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2016, 26, 375-385.	0.8	35
43	Vascular vertigo and dizziness: Diagnostic criteria. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2022, 32, 205-222.	0.8	34
44	Frontline providers harbor misconceptions about the bedside evaluation of dizzy patients. <i>Acta Oto-Laryngologica</i> , 2008, 128, 601-604.	0.3	33
45	Vertigo and hearing loss. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2016, 136, 905-921.	1.0	33
46	'Cardiogenic vertigo'â€”true vertigo as the presenting manifestation of primary cardiac disease. <i>Nature Clinical Practice Neurology</i> , 2006, 2, 167-172.	2.7	31
47	Measuring Diagnostic Errors in Primary Care. <i>JAMA Internal Medicine</i> , 2013, 173, 425.	2.6	31
48	Charted Records of Dizzy Patients Suggest Emergency Physicians Emphasize Symptom Quality in Diagnostic Assessment. <i>Annals of Emergency Medicine</i> , 2007, 50, 204-205.	0.3	30
49	Defining the critical role of nurses in diagnostic error prevention: a conceptual framework and a call to action. <i>Diagnosis</i> , 2017, 4, 201-210.	1.2	28
50	Conversion of upbeat to downbeat nystagmus in Wernicke encephalopathy. <i>Neurology</i> , 2018, 91, 790-796.	1.5	28
51	National estimation of rates of HIV serology testing in US emergency departments 1993â€”2005: baseline prior to the 2006 Centers for Disease Control and Prevention recommendations. <i>Aids</i> , 2008, 22, 2127-2134.	1.0	25
52	Sudden Hearing Loss with Vertigo Portends Greater Stroke Risk Than Sudden Hearing Loss or Vertigo Alone. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 472-478.	0.7	25
53	The Diagnostic Performance Feedback â€œCalibration Gapâ€: Why Clinical Experience Alone Is Not Enough to Prevent Serious Diagnostic Errors. <i>AEM Education and Training</i> , 2018, 2, 339-342.	0.6	23
54	Opinion and Special Articles: Remote Evaluation of Acute Vertigo. <i>Neurology</i> , 2021, 96, 34-38.	1.5	23

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55	Medical and Nonstroke Neurologic Causes of Acute, Continuous Vestibular Symptoms. <i>Neurologic Clinics</i> , 2015, 33, 699-716.	0.8	22
56	Compensatory saccades benefit from prediction during head impulse testing in early recovery from vestibular deafferentation. <i>European Archives of Oto-Rhino-Laryngology</i> , 2016, 273, 1379-1385.	0.8	22
57	VOR gain calculation methods in video head impulse recordings. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2020, 30, 225-234.	0.8	22
58	Compensatory saccade differences between outward versus inward head impulses in chronic unilateral vestibular hypofunction. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 1744-1749.	0.8	21
59	Acute Diagnostic Neurology: Challenges and Opportunities. <i>Academic Emergency Medicine</i> , 2015, 22, 357-361.	0.8	20
60	Mothball Withdrawal Encephalopathy—Case Report and Review of Paradichlorobenzene Neurotoxicity. <i>Substance Abuse</i> , 2007, 27, 63-67.	1.1	19
61	Diagnostic performance dashboards: tracking diagnostic errors using big data. <i>BMJ Quality and Safety</i> , 2018, 27, 567-570.	1.8	18
62	Proof of Concept for an iPhone App to Measure Video Head Impulses. <i>Digital Biomarkers</i> , 2021, 5, 1-8.	2.2	16
63	Ocular lateropulsion as a central oculomotor sign in acute vestibular syndrome is not posturally dependent. <i>Annals of the New York Academy of Sciences</i> , 2011, 1233, 249-255.	1.8	15
64	The video head impulse test during post-rotatory nystagmus: physiology and clinical implications. <i>Experimental Brain Research</i> , 2016, 234, 277-286.	0.7	14
65	Ocular lateral deviation with brief removal of visual fixation differentiates central from peripheral vestibular syndrome. <i>Journal of Neurology</i> , 2020, 267, 3763-3772.	1.8	13
66	Diagnostic Error of Neuro-ophthalmologic Conditions: State of the Science. <i>Journal of Neuro-Ophthalmology</i> , 2021, 41, 98-113.	0.4	13
67	Recurrent Visual Loss in Leber Hereditary Optic Neuropathy. <i>JAMA Ophthalmology</i> , 2003, 121, 288.	2.6	12
68	Are health care provider organizations ready to tackle diagnostic error? A survey of Leapfrog-participating hospitals. <i>Diagnosis</i> , 2017, 4, 73-78.	1.2	12
69	“Wrong Way” Nystagmus in the AICA Syndrome. <i>Laryngoscope</i> , 2008, 118, 378-379.	1.1	11
70	Missed acute myocardial infarction in the emergency department—standardizing measurement of misdiagnosis-related harms using the SPADE method. <i>Diagnosis</i> , 2021, 8, 177-186.	1.2	11
71	Blind spot heterotopia by automated static perimetry to assess static ocular torsion: centro-cecal axis rotation in normals. <i>Journal of Neurology</i> , 2010, 257, 291-293.	1.8	10
72	Stroke hospitalization after misdiagnosis of “benign dizziness” is lower in specialty care than general practice: a population-based cohort analysis of missed stroke using SPADE methods. <i>Diagnosis</i> , 2022, 9, 96-106.	1.2	8

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73	Identifying and analyzing diagnostic paths: a new approach for studying diagnostic practices. <i>Diagnosis</i> , 2017, 4, 67-72.	1.2	7
74	Breakdowns in the initial patient-provider encounter are a frequent source of diagnostic error among ischemic stroke cases included in a large medical malpractice claims database. <i>Diagnosis</i> , 2020, 7, 37-43.	1.2	7
75	Misdiagnosis of cerebellar hemorrhage “ features of “pseudo-gastroenteritis”™ clinical presentations to the ED and primary care. <i>Diagnosis</i> , 2017, 4, 27-33.	1.2	6
76	Correspondence. <i>Academic Emergency Medicine</i> , 2014, 21, 348-349.	0.8	5
77	Comment: Diagnosing stroke in acute dizziness“Do the “eyes” still have it?. <i>Neurology</i> , 2015, 85, 1877-1877.	1.5	5
78	Antecedent treat-and-release diagnoses prior to sepsis hospitalization among adult emergency department patients: a look-back analysis employing insurance claims data using Symptom-Disease Pair Analysis of Diagnostic Error (SPADE) methodology. <i>Diagnosis</i> , 2020, 8, 469-478.	1.2	5
79	Real-world virtual patient simulation to improve diagnostic performance through deliberate practice: a prospective quasi-experimental study. <i>Diagnosis</i> , 2021, 8, 489-496.	1.2	5
80	Cerebrovascular disease hospitalizations following emergency department headache visits: A nested case“control study. <i>Academic Emergency Medicine</i> , 2021, , .	0.8	5
81	Eye and Head Movement Recordings Using Smartphones for Telemedicine Applications: Measurements of Accuracy and Precision. <i>Frontiers in Neurology</i> , 2022, 13, 789581.	1.1	5
82	Video-Oculography to Guide Neuroimaging for Dizziness and Vertigo. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2022, 148, 474.	1.2	5
83	Neuro-ophthalmic Diseases Masquerading as Benign Strabismus. <i>International Ophthalmology Clinics</i> , 2001, 41, 115-127.	0.3	4
84	Neurology and the Affordable Care Act. <i>JAMA Neurology</i> , 2015, 72, 623.	4.5	4
85	Capturing diagnostic errors in incident reporting systems: value of a specific “eDX Tile” for diagnosis-related concerns. <i>Diagnosis</i> , 2018, 5, 249-251.	1.2	4
86	Rate of sepsis hospitalizations after misdiagnosis in adult emergency department patients: a look-forward analysis with administrative claims data using Symptom-Disease Pair Analysis of Diagnostic Error (SPADE) methodology in an integrated health system. <i>Diagnosis</i> , 2021, 8, 479-488.	1.2	4
87	Are Mental Health and Substance Use Disorders Risk Factors for Missed Acute Myocardial Infarction Diagnoses Among Chest Pain or Dyspnea Encounters in the Emergency Department?. <i>Annals of Emergency Medicine</i> , 2022, 79, 93-101.	0.3	4
88	Subjectively quantified Maddox rod testing improves diagnostic yield over alternate cover testing alone in patients with diplopia. <i>Journal of Clinical Neuroscience</i> , 2010, 17, 727-730.	0.8	3
89	Diagnosing Dizziness in the Emergency and Primary Care Settings“Reply”I. <i>Mayo Clinic Proceedings</i> , 2008, 83, 1298-1299.	1.4	2
90	Why Acute Dizziness and Vertigo? Articulating the Emergency Neuro-Otology Imperative. <i>Neurologic Clinics</i> , 2015, 33, xiii-xv.	0.8	2

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91	Where Is the “Low-Hanging Fruit” in Diagnostic Quality and Safety?. <i>Quality Management in Health Care</i> , 2018, 27, 234-236.	0.4	2
92	Letter by Liberman et al Regarding Article, “Psychiatric Hospitalization Increases Short-Term Risk of Stroke”. <i>Stroke</i> , 2017, 48, e260.	1.0	1
93	Time Management Top 10 List. <i>Journal of Investigative Medicine</i> , 2004, 52, 262-264.	0.7	0
94	ACE Journal Watch from ACE (Alliance For Clinical Education): Review of Medical Education Articles in Neurology 2007–2008. <i>Teaching and Learning in Medicine</i> , 2009, 21, 351-354.	1.3	0
95	Diagnostic Errors and Patient Safety—Reply. <i>JAMA - Journal of the American Medical Association</i> , 2009, 302, 258.	3.8	0
96	Characterizing the relationship between diagnostic intensity and quality of care. <i>Diagnosis</i> , 2021, .	1.2	0