Noreen Kamal

List of Publications by Year in Descending Order

72 papers	**5,232** citations	**19** h-index	**72** g-index
89 ext. papers	**6,401** ext. citations	**6.4** avg, IF	**4.72** L-index

#	Paper	IF	Citations
72	Sex Differences in Endovascular Treatment for Stroke: A Population-based Analysis. *Canadian Journal of Neurological Sciences*, **2021**, 48, 479-486	1	1
71	Optimal Transport Scenario With Rotary Air Transport for Access to Endovascular Therapy Considering Patient Outcomes and Cost: A Modeling Study.. *Frontiers in Neurology*, **2021**, 12, 768381	4.1	0
70	A simulation-optimization framework for optimizing response strategies to epidemics. *Operations Research Perspectives*, **2021**, 8, 100210	2.1	0
69	Discrete-Event Simulation to Model the Thrombolysis Process for Acute Ischemic Stroke Patients at Urban and Rural Hospitals. *Frontiers in Neurology*, **2021**, 12, 746404	4.1	0
68	Modeling the Optimal Transportation for Acute Stroke Treatment : Impact of Diurnal Variations in Traffic Rate. *Clinical Neuroradiology*, **2021**, 31, 729-736	2.7	1
67	Analysis of Thrombolysis Process for Acute Ischemic Stroke in Urban and Rural Hospitals in Nova Scotia Canada. *Frontiers in Neurology*, **2021**, 12, 645228	4.1	1
66	A Video Game for Brazilian T1D Children about Knowledge of Disease and Self-care: A Methodological Study. *Journal of Diabetes Science and Technology*, **2021**, 19322968211017555	4.1	1
65	Effect of Implantable vs Prolonged External Electrocardiographic Monitoring on Atrial Fibrillation Detection in Patients With Ischemic Stroke: The PER DIEM Randomized Clinical Trial. *JAMA - Journal of the American Medical Association*, **2021**, 325, 2160-2168	27.4	28
64	A Prospective Economic Evaluation of Rapid Endovascular Therapy for Acute Ischemic Stroke. *Canadian Journal of Neurological Sciences*, **2021**, 1-8	1	1
63	In What Scenarios Does a Mobile Stroke Unit Predict Better Patient Outcomes?: A Modeling Study. *Stroke*, **2020**, 51, 1805-1812	6.7	5
62	Leaving No Large Vessel Occlusion Stroke Behind: Reorganizing Stroke Systems of Care to Improve Timely Access to Endovascular Therapy. *Stroke*, **2020**, 51, 1951-1960	6.7	9
61	Comparative Effectiveness of Endovascular Treatment for Acute Ischemic Stroke: A Population-Based Analysis. *Journal of the American Heart Association*, **2020**, 9, e014541	6	8
60	Provincial Door-to-Needle Improvement Initiative Results in Improved Patient Outcomes Across an Entire Population. *Stroke*, **2020**, 51, 2339-2346	6.7	7
59	Modeling the Optimal Transportation for Acute Stroke Treatment: The Impact of the Drip-and-Drive Paradigm. *Stroke*, **2020**, 51, 275-281	6.7	11
58	Meta-analysis of interventions to reduce door to needle times in acute ischaemic stroke patients. *BMJ Open Quality*, **2020**, 9,	1.9	5
57	National trends in hospital admission, case fatality, and sex differences in atrial fibrillation-related strokes. *International Journal of Stroke*, **2020**, 15, 521-527	6.3	
56	Distribution and current problems of acute endovascular therapy for large artery occlusion from a two-year national survey in Japan. *International Journal of Stroke*, **2020**, 15, 289-298	6.3	2

55	One-Year Healthcare Utilization for Patients That Received Endovascular Treatment Compared With Control. *Stroke*, **2019**, 50, 1883-1886	6.7	6
54	Variations in Modeling for Treating Acute Stroke-Reply. *JAMA Neurology*, **2019**, 76, 624-625	17.2	
53	Conceptual framework for designing video games for children with type 1 diabetes. *Revista Latino-Americana De Enfermagem*, **2019**, 27, e3090	1.5	5
52	Improving Door-to-needle Times in the Treatment of Acute Ischemic Stroke Across a Canadian Province: Methodology. *Critical Pathways in Cardiology*, **2019**, 18, 51-56	1.3	9
51	Testing the Usability of a Software for Geospatial and Transport Modeling in Acute Stroke Service Planning. *Frontiers in Neurology*, **2019**, 10, 694	4.1	2
50	Penumbral imaging and functional outcome in patients with anterior circulation ischaemic stroke treated with endovascular thrombectomy versus medical therapy: a meta-analysis of individual patient-level data. *Lancet Neurology, The*, **2019**, 18, 46-55	24.1	156
49	Organizing stroke systems in the field for patients with suspected large vessel occlusion acute stroke. *Expert Review of Cardiovascular Therapy*, **2019**, 17, 3-9	2.5	6
48	Reducing Door-to-Needle Times for Ischaemic Stroke to a Median of 30 Minutes at a Community Hospital. *Canadian Journal of Neurological Sciences*, **2019**, 46, 51-56	1	8
47	Novel Interactive Data Visualization: Exploration of the ESCAPE Trial (Endovascular Treatment for Small Core and Anterior Circulation Proximal Occlusion With Emphasis on Minimizing CT to Recanalization Times) Data. *Stroke*, **2018**, 49, 193-196	6.7	3
46	Drip and ship versus direct to endovascular thrombectomy: The impact of treatment times on transport decision-making. *European Stroke Journal*, **2018**, 3, 126-135	5.6	26
45	Geographic modeling of best transport options for treatment of acute ischemic stroke patients applied to policy decision making in the USA and Northern Ireland. *IISE Transactions on Healthcare Systems Engineering*, **2018**, 8, 220-226	1.3	2
44	Improving care for acute in-hospital ischemic strokes-A narrative review. *International Journal of Stroke*, **2018**, 13, 905-912	6.3	6
43	Canadian Stroke Best Practice Recommendations for Acute Stroke Management: Prehospital, Emergency Department, and Acute Inpatient Stroke Care, 6th Edition, Update 2018. *International Journal of Stroke*, **2018**, 13, 949-984	6.3	159
42	Abstract TMP82: When Does Having a Mobile Stroke Unit Make Sense in a Metropolitan Area From a Patient Outcome Perspective?. *Stroke*, **2018**, 49,	6.7	1
41	Abstract TP275: Modelling the Impact of Mobile Stroke Unit Dispatcher Accuracy on Patient Outcomes. *Stroke*, **2018**, 49,	6.7	1
40	Abstract WP279: Modelling the Impact of Multiple Mobile Stroke Units Surrounding a Metropolitan Area. *Stroke*, **2018**, 49,	6.7	1
39	Mathematical Modeling for Decision-Making in the Field for Acute Stroke Patients With Suspected Large Vessel Occlusion. *Stroke*, **2018**, STROKEAHA118021381	6.7	3
38	John Nash and the Organization of Stroke Care. *American Journal of Neuroradiology*, **2018**, 39, 217-218	4.4	7

37	Thrombolysis: Improving door-to-needle times for ischemic stroke treatment - A narrative review. *International Journal of Stroke*, **2018**, 13, 268-276	6.3	37
36	Health Technology Optimization Analysis: Conceptual Approach and Illustrative Application. *MDM Policy and Practice*, **2018**, 3, 2381468318774804	1.5	4
35	Modeling Stroke Patient Transport for All Patients With Suspected Large-Vessel Occlusion. *JAMA Neurology*, **2018**, 75, 1477-1486	17.2	86
34	Drip Ṡ Ship Versus Mothership for Endovascular Treatment: Modeling the Best Transportation Options for Optimal Outcomes. *Stroke*, **2017**, 48, 791-794	6.7	108
33	Improving Door-to-Needle Times for Acute Ischemic Stroke: Effect of Rapid Patient Registration, Moving Directly to Computed Tomography, and Giving Alteplase at the Computed Tomography Scanner. *Circulation: Cardiovascular Quality and Outcomes*, **2017**, 10,	5.8	39
32	Delays in Door-to-Needle Times and Their Impact on Treatment Time and Outcomes in Get With The Guidelines-Stroke. *Stroke*, **2017**, 48, 946-954	6.7	58
31	Workflow in Acute Stroke: What Is the 90th Percentile?. *Stroke*, **2017**, 48, 808-812	6.7	3
30	Drip and Ship Versus Direct to Comprehensive Stroke Center: Conditional Probability Modeling. *Stroke*, **2017**, 48, 233-238	6.7	83
29	Improving reperfusion time within the ESCAPE Endovascular Clinical Trial. *European Stroke Journal*, **2017**, 2, 64-69	5.6	5
28	Approaches to the field recognition of potential thrombectomy candidates. *International Journal of Stroke*, **2017**, 12, 698-707	6.3	4
27	Shifting Trend of Transient Ischemic Attack Admission and Prognosis in Canada. *Canadian Journal of Neurological Sciences*, **2017**, 44, 391-396	1	3
26	Amartya Sen and the Organization of Endovascular Stroke Treatment. *Stroke*, **2017**, 48, 2310-2312	6.7	5
25	TimeSpan: Using Visualization to Explore Temporal Multi-dimensional Data of Stroke Patients. *IEEE Transactions on Visualization and Computer Graphics*, **2016**, 22, 409-18	4	28
24	Are All Stroke Patients Eligible for Fast Alteplase Treatment? An Analysis of Unavoidable Delays. *Academic Emergency Medicine*, **2016**, 23, 393-9	3.4	10
23	The Impact of Transferring Stroke Patients: An Analysis of National Administrative Data. *Canadian Journal of Neurological Sciences*, **2016**, 43, 760-764	1	3
22	Suspected Large Vessel Occlusion: Should Emergency Medical Services Transport to the Nearest Primary Stroke Center or Bypass to a Comprehensive Stroke Center With Endovascular Capabilities?. *Stroke*, **2016**, 47, 1965-7	6.7	50
21	Analysis of Workflow and Time to Treatment on Thrombectomy Outcome in the Endovascular Treatment for Small Core and Proximal Occlusion Ischemic Stroke (ESCAPE) Randomized, Controlled Trial. *Circulation*, **2016**, 133, 2279-86	16.7	176
20	Endovascular treatment for Small Core and Anterior circulation Proximal occlusion with Emphasis on minimizing CT to recanalization times (ESCAPE) trial: methodology. *International Journal of Stroke*, **2015**, 10, 429-38	6.3	97

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19	Visualizing Acute Stroke Data to Improve Clinical Outcomes. *Stroke*, **2015**, 46, e170-2	6.7	8
18	Ten-year trends in stroke admissions and outcomes in Canada. *Canadian Journal of Neurological Sciences*, **2015**, 42, 168-75	1	27
17	Randomized assessment of rapid endovascular treatment of ischemic stroke. *New England Journal of Medicine*, **2015**, 372, 1019-30	59.2	3779
16	Big Data and Visual Analytics in Health and Medicine: From Pipe Dream to Reality. *Journal of Health & Medical Informatics*, **2014**, 05,		7
15	Addressing Emergency Department Overcrowding Through a Systems Approach Using Big Data Research. *Journal of Health & Medical Informatics*, **2014**, 5,		5
14	Good is not Good Enough: The Benchmark Stroke Door-to-Needle Time Should be 30 Minutes. *Canadian Journal of Neurological Sciences*, **2014**, 41, 694-6	1	29
13	Online social networks for health behaviour change: Designing to increase socialization. *Computers in Human Behavior*, **2014**, 41, 444-453	7.7	14
12	Designing social media for change **2013**,		4
11	Helping Me Helping You: Designing to Influence Health Behaviour through Social Connections. *Lecture Notes in Computer Science*, **2013**, 708-725	0.9	4
10	DreamThrower: An audio/visual display for influencing dreams. *Entertainment Computing*, **2012**, 3, 121-128	2.9	
9	A collaborative quality improvement model and electronic community of practice to support sepsis management in emergency departments: investigating care harmonization for provincial knowledge translation. *JMIR Research Protocols*, **2012**, 1, e6	2	3
8	The ABCs of Designing Social Networks for Health Behaviour Change: The VivoSpace Social Network. *Mathematics in Industry*, **2012**, 323-348	0.2	2
7	Determining the Determinants of Health Behaviour Change through an Online Social Network. *Lecture Notes in Computer Science*, **2012**, 1-12	0.9	7
6	CliniPEARLS: A Technical Framework for Disseminating Clinical Practice Guidelines from Different Providers on PDA and Smartphone Devices **2012**, 289-307		
5	Evidence 2 Excellence: An Emergency Medicine Quality Improvement Model Utilizing Technology-Enabled Interprofessional Collaboration in British Columbia **2012**, 91-116		1
4	VivoSpace: Towards Health Behavior Change Using Social Gaming. *Lecture Notes in Computer Science*, **2011**, 319-330	0.9	4
3	Online social networks for personal informatics to promote positive health behavior **2010**,		29
2	Health shelf **2010**,		3

1   DreamThrower: Creating, Throwing and Catching Dreams for Collaborative Dream Sharing. *Lecture Notes in Computer Science*, **2010**, 20-31   0.9

1   DreamThrower: Creating, Throwing and Catching Dreams for Collaborative Dream Sharing. *Lecture Notes in Computer Science*, **2010**, 20-31   0.9