Martin V Pusic

List of Publications by Year
in descending order

97	2,962	218677	189892
papers	citations	26 h-index	50 g-index

98	98	98	2713
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of Polytomous Item Locations in Multicomponent Measuring Instruments: A Note on a Latent Variable Modeling Procedure. Educational and Psychological Measurement, 2023, 83, 630-641.	2.4	1
2	Frameworks for Integrating Learning Analytics With the Electronic Health Record. Journal of Continuing Education in the Health Professions, 2023, 43, 52-59.	1.3	7
3	Learning Pediatric Point-of-Care Ultrasound. Pediatric Emergency Care, 2022, 38, e849-e855.	0.9	5
4	Assessments of Physiciansâ€™ Electrocardiogram Interpretation Skill: A Systematic Review. Academic Medicine, 2022, 97, 603-615.	1.6	4
5	A Target Population Derived Method for Developing a Competency Standard in Radiograph Interpretation. Teaching and Learning in Medicine, 2022, 34, 167-177.	2.1	5
6	Social network analysis of publication collaboration of accelerating change in MedEd consortium. Medical Teacher, 2022, 44, 276-286.	1.8	2
7	Creation and evaluation of a novel, interdisciplinary debriefing program using a designâ€based research approach. AEM Education and Training, 2022, 6, e10719.	1.2	3
8	Punctuated Equilibrium: COVID and the Duty to Teach for Adaptive Expertise. Western Journal of Emergency Medicine, 2022, 23, 56-58.	1.1	6
9	Educational adaptation to clinical training during the COVID-19 pandemic: a process analysis. BMC Medical Education, 2022, 22, 200.	2.4	2
10	Pediatric Musculoskeletal Radiographs: Anatomy and Fractures Prone to Diagnostic Error Among Emergency Physicians. Journal of Emergency Medicine, 2022, 62, 524-533.	0.7	4
11	Statistical points and pitfalls: growth modeling. Perspectives on Medical Education, 2022, 11, 104-107.	3.5	3
12	Reimagining the Clinical Competency Committee to Enhance Education and Prepare for Competency-Based Time-Variable Advancement. Journal of General Internal Medicine, 2022, 37, 2280-2290.	2.6	14
13	Child Abuse Recognition Training for Prehospital Providers Using Deliberate Practice. Prehospital Emergency Care, 2021, 25, 822-831.	1.8	1
14	Prepubescent Female Genital Examination Images: Evidence-Informed Learning Opportunities. Journal of Pediatric and Adolescent Gynecology, 2021, 34, 117-123.	0.7	0
15	Implicit bias in residency interview allocation? When surveys are silent. Medical Education, 2021, 55, 142-144.	2.1	1
16	Workplaceâ€based Assessment Data in Emergency Medicine: A Scoping Review of the Literature. AEM Education and Training, 2021, 5, e10544.	1.2	6
17	Multi-level longitudinal learning curve regression models integrated with item difficulty metrics for deliberate practice of visual diagnosis: groundwork for adaptive learning. Advances in Health Sciences Education, 2021, 26, 881-912.	3.3	7
18	Image interpretation: Learning analyticsâ€“informed education opportunities. AEM Education and Training, 2021, 5, e10592.	1.2	8

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19	The critical role of infrastructure and organizational culture in implementing competency-based education and individualized pathways in undergraduate medical education. Medical Teacher, 2021, 43, S7-S16.	1.8	10
20	Interval Estimation of Item Response Probabilities Along Studied Latent Dimensions. Measurement, 2021, 19, 106-114.	0.2	1
21	Physiciansâ€™ Electrocardiogram Interpretationsâ€”Reply. JAMA Internal Medicine, 2021, 181, 722.	5.1	0
22	Evaluation of Response Probabilities along Studied Latent Dimensions: A Polytomous Item Extension. Measurement, 2021, 19, 179-185.	0.2	0
23	The Responsibility of Physicians to Maintain Competency. JAMA - Journal of the American Medical Association, 2020, 323, 117-118.	7.4	10
24	Validity of the Health Systems Science Examination: Relationship Between Examinee Performance and Time of Training. American Journal of Medical Quality, 2020, 35, 63-69.	0.5	5
25	Speed and quality goals in procedural skills learning: A randomized experiment. Medical Teacher, 2020, 42, 196-203.	1.8	0
26	The Variable Journey in Learning to Interpret Pediatric Pointâ€ofâ€care Ultrasound Images: A Multicenter Prospective Cohort Study. AEM Education and Training, 2020, 4, 111-122.	1.2	23
27	Click-level Learning Analytics in an Online Medical Education Learning Platform. Teaching and Learning in Medicine, 2020, 32, 410-421.	2.1	15
28	Can Covid Catalyze an Educational Transformation? Competency-Based Advancement in a Crisis. New England Journal of Medicine, 2020, 383, 1003-1005.	27.0	58
29	A think-aloud study to inform the design of radiograph interpretation practice. Advances in Health Sciences Education, 2020, 25, 877-903.	3.3	5
30	Building an adaptable resident curriculum for acute pediatric sexual abuse evaluations: A qualitative needs assessment. Child Abuse and Neglect, 2020, 102, 104386.	2.6	0
31	Signatures of medical student applicants and academic success. PLoS ONE, 2020, 15, e0227108.	2.5	11
32	Accuracy of Physiciansâ€™ Electrocardiogram Interpretations. JAMA Internal Medicine, 2020, 180, 1461.	5.1	66
33	Next Steps in the Implementation of Learning Analytics in Medical Education: Consensus From an International Cohort of Medical Educators. Journal of Graduate Medical Education, 2020, 12, 303-311.	1.3	16
34	Building Emergency Medicine Trainee Competency in Pediatric Musculoskeletal Radiograph Interpretation: A Multicenter Prospective Cohort Study. AEM Education and Training, 2019, 3, 269-279.	1.2	14
35	Pedagogical validity: The key to understanding different forms of â€˜goodâ€™ teaching. Medical Teacher, 2019, 41, 638-640.	1.8	2
36	Utilising the Delphi Process to Develop a Proficiency-based Progression Train-the-trainer Course for Robotic Surgery Training. European Urology, 2019, 75, 775-785.	1.9	62

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37	Games Squared: A Card Game to Learn About Using Games in Medical Education. Journal of Graduate Medical Education, 2019, 11, 337-339.	1.3	0
38	The effect of testing and feedback on the forgetting curves for radiograph interpretation skills. Medical Teacher, 2019, 41, 756-764.	1.8	18
39	Data, Big and Small: Emerging Challenges to Medical Education Scholarship. Academic Medicine, 2019, 94, 31-36.	1.6	31
40	How well is each learner learning? Validity investigation of a learning curve-based assessment approach for ECG interpretation. Advances in Health Sciences Education, 2019, 24, 45-63.	3.3	28
41	Natural Progression of Symptom Change and Recovery From Concussion in a Pediatric Population. JAMA Pediatrics, 2019, 173, e183820.	6.2	130
42	Learning Analytics to Enhance Dermatopathology Education Among Dermatology Residents. Journal of Drugs in Dermatology, 2019, 18, 1231-1236.	0.8	1
43	Neonatal resuscitation experience curves: simulation based mastery learning booster sessions and skill decay patterns among pediatric residents. Journal of Perinatal Medicine, 2018, 46, 934-941.	1.4	48
44	Is Speed a Desirable Difficulty for Learning Procedures? An Initial Exploration of the Effects of Chronometric Pressure. Academic Medicine, 2018, 93, 920-928.	1.6	5
45	Role of Scientific Theory in Simulation Education Research. Simulation in Healthcare, 2018, 13, S7-S14.	1.2	7
46	Learning Analytics in Medical Education Assessment: The Past, the Present, and the Future. AEM Education and Training, 2018, 2, 178-187.	1.2	70
47	Point-of-care ultrasound and undergraduate medical education: the perils of learning a new way to see. Medical Education, 2018, 52, 240-240.	2.1	2
48	Exploring the characteristics and context that allow Master Adaptive Learners to thrive. Medical Teacher, 2018, 40, 791-796.	1.8	53
49	Learning to balance efficiency and innovation for optimal adaptive expertise. Medical Teacher, 2018, 40, 820-827.	1.8	31
50	A Big Data and Learning Analytics Approach to Process-Level Feedback in Cognitive Simulations. Academic Medicine, 2017, 92, 175-184.	1.6	38
51	â€œYes, and â€¦â€•Exploring the Future of Learning Analytics in Medical Education. Teaching and Learning in Medicine, 2017, 29, 368-372.	2.1	10
52	Determining the optimal place and time for procedural education. BMJ Quality and Safety, 2017, 26, 863-865.	3.7	4
53	Sequential dependencies in categorical judgments of radiographic images. Advances in Health Sciences Education, 2017, 22, 197-207.	3.3	3
54	Fostering the Development of Master Adaptive Learners: A Conceptual Model to Guide Skill Acquisition in Medical Education. Academic Medicine, 2017, 92, 70-75.	1.6	218

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55	Conducting multicenter research in healthcare simulation: Lessons learned from the INSPIRE network. Advances in Simulation, 2017, 2, 6.	2.3	50
56	A primer on the statistical modelling of learning curves in health professions education. Advances in Health Sciences Education, 2017, 22, 741-759.	3.3	21
57	Roadmap for creating an accelerated three-year medical education program. Medical Education Online, 2017, 22, 1396172.	2.6	15
58	Screening residents for infant lumbar puncture readiness with just-in-time simulation-based assessments. BMJ Simulation and Technology Enhanced Learning, 2017, 3, 17-22.	0.7	2
59	A simulated â€œNight-onCallâ€•to assess and address the readiness-for-internship of transitioning medical students. Advances in Simulation, 2017, 2, 13.	2.3	17
60	Improving the Clinical Skills Performance of Graduating Medical Students Using â€œWISE OnCall,â€•a Multimedia Educational Module. Simulation in Healthcare, 2017, 12, 385-392.	1.2	10
61	Exploring Medical Student Learning Needs in the Pediatric Emergency Department. Pediatric Emergency Care, 2016, 32, 217-221.	0.9	3
62	Applying the institutional review board data repository approach to manage ethical considerations in evaluating and studying medical education. Medical Education Online, 2016, 21, 32021.	2.6	8
63	Reporting guidelines for health care simulation research: Extensions to the CONSORT and STROBE statements. BMJ Simulation and Technology Enhanced Learning, 2016, 2, 51-60.	0.7	19
64	Reporting Guidelines for Health Care Simulation Research. Clinical Simulation in Nursing, 2016, 12, iii-xiii.	3.0	13
65	Reporting guidelines for health care simulation research: extensions to the CONSORT and STROBE statements. Advances in Simulation, 2016, 1, 25.	2.3	233
66	Simulation-Based Procedural Skills Training in Pediatric Emergency Medicine. Clinical Pediatric Emergency Medicine, 2016, 17, 169-178.	0.4	7
67	Interpretation difficulty of normal versus abnormal radiographs using a pediatric example. Canadian Medical Education Journal, 2016, 7, e68-e77.	0.4	13
68	Interpretation difficulty of normal versus abnormal radiographs using a pediatric example. Canadian Medical Education Journal, 2016, 7, e68-77.	0.4	6
69	Learning Curves in Health Professions Education. Academic Medicine, 2015, 90, 1034-1042.	1.6	124
70	Accuracy of self-monitoring during learning of radiograph interpretation. Medical Education, 2015, 49, 838-846.	2.1	19
71	Impact of Just-in-Time and Just-in-Place Simulation on Intern Success With Infant Lumbar Puncture. Pediatrics, 2015, 135, e1237-e1246.	2.1	79
72	Seven practical principles for improving patient education: Evidence-based ideas from cognition science. Paediatrics and Child Health, 2014, 19, 119-122.	0.6	37

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73	Script Concordance Testing. Academic Medicine, 2014, 89, 128-135.	1.6	12
74	What's your best time? Chronometry in the learning of medical procedures. Medical Education, 2014, 48, 479-488.	2.1	17
75	Removing the rose-coloured glasses: it's high time we published the actual data. Medical Education, 2014, 48, 334-335.	2.1	2
76	Technology-Enhanced Simulation and Pediatric Education: A Meta-analysis. Pediatrics, 2014, 133, e1313-e1323.	2.1	149
77	Designing and Conducting Simulation-Based Research. Pediatrics, 2014, 133, 1091-1101.	2.1	175
78	The cognitive impact of interactive design features for learning complex materials in medical education. Computers and Education, 2014, 71, 198-205.	8.3	53
79	Developing the role of big data and analytics in health professional education. Medical Teacher, 2014, 36, 216-222.	1.8	140
80	On showing all the ripples in the growth analysis pond. Medical Education, 2013, 47, 643-645.	2.1	0
81	A hinting strategy for online learning of radiograph interpretation by medical students. Medical Education, 2013, 47, 877-887.	2.1	9
82	The influence of cognitive biases on feedback seeking. Medical Education, 2013, 47, 950-950.	2.1	0
83	Interns' Success With Clinical Procedures in Infants After Simulation Training. Pediatrics, 2013, 131, e811-e811.	2.1	59
84	Stimulus Sequence Features Influence Physicians' Response Tendencies in Radiological Image Interpretation. Applied Cognitive Psychology, 2013, 27, 625-632.	1.6	0
85	Are Pediatric Interns Prepared to Perform Infant Lumbar Punctures?. Pediatric Emergency Care, 2013, 29, 453-457.	0.9	20
86	Experience Curves as an Organizing Framework for Deliberate Practice in Emergency Medicine Learning. Academic Emergency Medicine, 2012, 19, 1476-1480.	1.8	78
87	The Education Data Warehouse: A Transformative Tool for Health Education Research. Journal of Graduate Medical Education, 2012, 4, 113-115.	1.3	24
88	Prevalence of abnormal cases in an image bank affects the learning of radiograph interpretation. Medical Education, 2012, 46, 289-298.	2.1	42
89	A Randomized Trial of Simulation-Based Deliberate Practice for Infant Lumbar Puncture Skills. Simulation in Healthcare, 2011, 6, 197-203.	1.2	120
90	How Much Practice Is Enough? Using Learning Curves to Assess the Deliberate Practice of Radiograph Interpretation. Academic Medicine, 2011, 86, 731-736.	1.6	102

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91	Using signal detection theory to model changes in serial learning of radiological image interpretation. Advances in Health Sciences Education, 2010, 15, 647-658.	3.3	37
92	Commentary on â€˜Drug management for acute tonicâ€clonic convulsions including convulsive status epilepticus in childrenâ€™, with a response from the review authors. Evidence-Based Child Health: A Cochrane Review Journal, 2009, 4, 1810-1812.	2.0	1
93	Teaching X-ray interpretation: selecting the radiographs by the target population. Medical Education, 2009, 43, 434-441.	2.1	10
94	Linear Versus Web-Style Layout of Computer Tutorials for Medical Student Learning of Radiograph Interpretation. Academic Radiology, 2007, 14, 877-889.	2.5	21
95	Clinical management of fever in children younger than three years of age. Paediatrics and Child Health, 2007, 12, 469-472.	0.6	11
96	Opportunistic screening for iron-deficiency in 6â€“36 month old children presenting to the paediatric emergency department. BMC Pediatrics, 2005, 5, 42.	1.7	12
97	Twelve tips for rapidly migrating to online learning during the COVID-19 pandemic. MedEdPublish, 0, 9, 82.	0.3	114