

Empathy in medical students as related to academic performance and gender

Medical Education

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Physician Empathy: Definition, Components, Measurement, and Relationship to Gender and Specialty. American Journal of Psychiatry, 2002, 159, 1563-1569.	4.0	927
2	The Jefferson Scale of Physician Empathy. Academic Medicine, 2002, 77, S58-S60.	0.8	324
3	Physician empathy in medical education and practice: experience with the Jefferson scale of physician empathy. Seminars in Integrative Medicine, 2003, 1, 25-41.	1.4	114
4	Teaching Gender, Teaching Women's Health: Introduction. Women and Health, 2003, 37, 1-9.	0.4	45
5	Empathy: An NP/MD Comparison. Nurse Practitioner, 2003, 28, 45-47.	0.2	47
6	Students' personality and ratings of clinical competence in medical school clerkships: a longitudinal study. Psychology, Health and Medicine, 2004, 9, 247-252.	1.3	23
7	Comparisons of Nurses and Physicians on an Operational Measure of Empathy. Evaluation and the Health Professions, 2004, 27, 80-94.	0.9	90
8	An empirical study of decline in empathy in medical school. Medical Education, 2004, 38, 934-941.	1.1	653
9	Decline in empathy in medical education: how can we stop the rot?. Medical Education, 2004, 38, 916-918.	1.1	95
10	Personality factors in professional ethical behaviour: Studies of empathy and narcissism. Australian Journal of Psychology, 2005, 57, 49-60.	1.4	80
11	Using a standardised patient assessment to measure professional attributes. Medical Education, 2005, 39, 20-29.	1.1	67
12	Empathy in medical students as related to specialty interest, personality, and perceptions of mother and father. Personality and Individual Differences, 2005, 39, 1205-1215.	1.6	98
13	Relationship between increased personal well-being and enhanced empathy among. Journal of General Internal Medicine, 2005, 20, 559-564.	1.3	335
14	Measurement of Changes in Empathy During Dental School. Journal of Dental Education, 2005, 69, 338-345.	0.7	189
15	Empathy Scores in Medical School and Ratings of Empathic Behavior in Residency Training 3 Years Later. Journal of Social Psychology, 2005, 145, 663-672.	1.0	149
16	Medical Student Distress: Causes, Consequences, and Proposed Solutions. Mayo Clinic Proceedings, 2005, 80, 1613-1622.	1.4	740
17	Trends in Gender Distribution Among Anesthesiology Residents: Do They Matter?. Anesthesia and Analgesia, 2006, 103, 1209-1212.	1.1	18
18	Educating for empathy. Journal of General Internal Medicine, 2006, 21, 524-530.	1.3	399

#	ARTICLE	IF	CITATIONS
19	Teaching the art of doctoring: an innovative medical student elective. <i>Medical Teacher</i> , 2006, 28, 30-35.	1.0	46
20	Medical students'™ distress " quality, continuity and gender differences during a six-year medical programme. <i>Medical Teacher</i> , 2006, 28, 136-141.	1.0	144
21	Changing dentists' knowledge, attitudes and behavior regarding domestic violence through an interactive multimedia tutorial. <i>Journal of the American Dental Association</i> , 2006, 137, 596-603.	0.7	47
22	The Jefferson Scale of Physician Empathy. , 2007, , 87-115.		7
23	The Problem of Empathy: Medicine and the Humanities. <i>New Literary History</i> , 2007, 38, 551-567.	0.0	49
24	A Prospective Study of the Relationship between Medical Knowledge and Professionalism among Internal Medicine Residents. <i>Academic Medicine</i> , 2007, 82, 587-592.	0.8	46
26	Changes in self-perceived abilities among male and female medical students after the first year of clinical training. <i>Medical Teacher</i> , 2007, 29, 921-926.	1.0	11
27	Humanising medical practice: the role of empathy. <i>Medical Journal of Australia</i> , 2007, 187, 381-382.	0.8	64
28	Medical undergraduate students' beliefs and attitudes toward pain - How do they mature?. <i>European Journal of Pain</i> , 2007, 11, 700-706.	1.4	39
29	A systematic review of tests of empathy in medicine. <i>BMC Medical Education</i> , 2007, 7, 24.	1.0	224
30	Medical clinic facilities and doctor characteristics: What older rural men value. <i>Australian Journal of Rural Health</i> , 2007, 15, 41-45.	0.7	7
31	A preliminary study of empathy, emotional intelligence and examination performance in MBChB students. <i>Medical Education</i> , 2007, 41, 684-689.	1.1	157
32	How Do Distress and Well-being Relate to Medical Student Empathy? A Multicenter Study. <i>Journal of General Internal Medicine</i> , 2007, 22, 177-183.	1.3	460
33	Empathy and Patient's Physician Conflicts. <i>Journal of General Internal Medicine</i> , 2007, 22, 696-700.	1.3	157
34	A Cross-sectional Measurement of Medical Student Empathy. <i>Journal of General Internal Medicine</i> , 2007, 22, 1434-1438.	1.3	390
35	Changes in Medical Students' Emotional Intelligence: An Exploratory Study. <i>Teaching and Learning in Medicine</i> , 2008, 20, 279-284.	1.3	105
36	Do Clinical Evaluations in a Psychiatry Clerkship Favor Students With Positive Personality Characteristics?. <i>Academic Psychiatry</i> , 2008, 32, 199-205.	0.4	15
37	The Usefulness of the Staff's Patient Interaction Response Scale for Palliative Care Nursing for Measuring the Empathetic Capacity of Nursing Students. <i>Journal of Professional Nursing</i> , 2008, 24, 315-323.	1.4	17

#	ARTICLE	IF	CITATIONS
38	Cognitive Expertise, Emotional Development, and Reflective Capacity: Clinical Skills for Improved Pain Care. <i>Journal of Pain</i> , 2008, 9, 975-983.	0.7	41
39	The Jefferson Scale of Attitudes toward Physicianâ€Nurse Collaboration: A study with undergraduate nursing students. <i>Journal of Interprofessional Care</i> , 2008, 22, 375-386.	0.8	47
40	Evaluation of the assessment and grading of medical students on a neurology clerkship. <i>Neurology</i> , 2008, 70, 706-712.	1.5	16
41	The Best of the Belleville Literary Review. <i>Medical Humanities</i> , 2008, 34, 117-117.	0.6	0
42	Empathy and competence. <i>Medical Journal of Australia</i> , 2008, 188, 414-416.	0.8	21
43	A Review of the Literature on the Empathy Construct Using Cluster Analysis. <i>Communications of the Association for Information Systems</i> , 0, 22, .	0.7	7
45	The Devil is in the Third Year: A Longitudinal Study of Erosion of Empathy in Medical School. <i>Academic Medicine</i> , 2009, 84, 1182-1191.	0.8	1,175
46	Measurement of Empathy Among Japanese Medical Students: Psychometrics and Score Differences by Gender and Level of Medical Education. <i>Academic Medicine</i> , 2009, 84, 1192-1197.	0.8	280
47	Reliability and Validity of the Jefferson Scale of Empathy in Undergraduate Nursing Students. <i>Journal of Nursing Measurement</i> , 2009, 17, 73-88.	0.2	139
48	The nature and role of empathy in public librarianship. <i>Journal of Librarianship and Information Science</i> , 2009, 41, 81-89.	1.6	9
49	Are medical students agreeable? An exploration of personality in relation to clinical skills training. <i>Medical Teacher</i> , 2009, 31, e311-e315.	1.0	12
50	The death of Hector: pity in Homer, empathy in medical education. <i>Medical Humanities</i> , 2009, 35, 7-12.	0.6	23
51	Medical Students' Experiences of Patient Aggression and Communication Style. <i>Australasian Psychiatry</i> , 2009, 17, 59-60.	0.4	7
52	Analyzing the â€œnatureâ€ and â€œspecific effectivenessâ€ of clinical empathy: A theoretical overview and contribution towards a theory-based research agenda. <i>Patient Education and Counseling</i> , 2009, 74, 339-346.	1.0	283
53	Empirical research on empathy in medicineâ€A critical review. <i>Patient Education and Counseling</i> , 2009, 76, 307-322.	1.0	227
54	The Effects of Proximity and Empathy on Ethical Decision-Making: An Exploratory Investigation. <i>Journal of Business Ethics</i> , 2009, 85, 201-226.	3.7	154
55	Expanding Clinical Empathy: An Activist Perspective. <i>Journal of General Internal Medicine</i> , 2009, 24, 122-125.	1.3	58
56	Evaluating the Impact of the Humanities in Medical Education. <i>Mount Sinai Journal of Medicine</i> , 2009, 76, 372-380.	1.9	96

#	ARTICLE	IF	CITATIONS
57	Cultivating Empathy for the Mentally Ill Using Simulated Auditory Hallucinations. <i>Academic Psychiatry</i> , 2009, 33, 457-460.	0.4	65
58	Commentary: Identifying Attitudes Towards Empathy: An Essential Feature of Professionalism. <i>Academic Medicine</i> , 2009, 84, 1174-1176.	0.8	40
59	Perspective: Medical School Admissions and Noncognitive Testing: Some Open Questions. <i>Academic Medicine</i> , 2009, 84, 1360-1363.	0.8	14
60	Attitudes of US physician assistants toward persons with HIV/AIDS. <i>JAAPA: Official Journal of the American Academy of Physician Assistants</i> , 2010, 23, 41-42.	0.1	7
61	Levels of empathy in undergraduate occupational therapy students. <i>Occupational Therapy International</i> , 2010, 17, 135-141.	0.3	46
62	Empathy: the effects of undergraduate nursing education in Turkey. <i>International Nursing Review</i> , 2010, 57, 493-499.	1.5	52
63	Five-year survey of medical student attrition in a medical school in Nigeria: a pilot study. <i>Advances in Medical Education and Practice</i> , 2010, 1, 53.	0.7	8
64	Empatia, rela��o m��dico-paciente e forma��o em medicina: um olhar qualitativo. <i>Revista Brasileira De Educa��o Medica</i> , 2010, 34, 261-269.	0.0	41
65	Commentary: Deconstructing Gender Difference. <i>Academic Medicine</i> , 2010, 85, 575-577.	0.8	24
66	Twelve tips to designing and implementing a learner-centred curriculum: Prevention is better than cure. <i>Medical Teacher</i> , 2010, 32, 225-230.	1.0	42
67	Evaluation of Empathy Among Korean Medical Students: A Cross-Sectional Study Using the Korean Version of the Jefferson Scale of Physician Empathy. <i>Teaching and Learning in Medicine</i> , 2010, 22, 167-171.	1.3	133
68	Empathy development in medical education – A critical review. <i>Medical Teacher</i> , 2010, 32, 593-600.	1.0	169
69	Empathy in Iranian medical students: A preliminary psychometric analysis and differences by gender and year of medical school. <i>Medical Teacher</i> , 2010, 32, e471-e478.	1.0	101
70	“Being-in-role”: A teaching innovation to enhance empathic communication skills in medical students. <i>Medical Teacher</i> , 2011, 33, e663-e669.	1.0	71
71	The Cost of Education: Medical Student Stress during Clerkships. <i>Medical Science Educator</i> , 2011, 21, 360-366.	0.7	2
72	Are Doctors Who Have Been Ill More Compassionate? Attitudes of Resident Physicians Regarding Personal Health Issues and the Expression of Compassion in Clinical Care. <i>Psychosomatics</i> , 2011, 52, 367-374.	2.5	24
73	Measuring empathy in healthcare profession students using the Jefferson Scale of Physician Empathy: Health provider – student version. <i>Journal of Interprofessional Care</i> , 2011, 25, 287-293.	0.8	166
74	Levels of empathy in undergraduate midwifery students: An Australian cross-sectional study. <i>Women and Birth</i> , 2011, 24, 80-84.	0.9	41

#	ARTICLE	IF	CITATIONS
75	Integrating Cognitive and Affective Dimensions of Pain Experience into Health Professions Education. <i>Pain Research and Management</i> , 2011, 16, 421-426.	0.7	10
76	Medical Students's Attitudes to Professionalism: An Opportunity for the GP Tutor?. <i>Education for Primary Care</i> , 2011, 22, 321-327.	0.2	18
77	A New Program in Pain Medicine for Medical Students: Integrating Core Curriculum Knowledge with Emotional and Reflective Development. <i>Pain Medicine</i> , 2011, 12, 186-195.	0.9	67
78	Empathy in Korean psychiatric residents. <i>Asia-Pacific Psychiatry</i> , 2011, 3, 83-90.	1.2	14
79	Medical students trained in communication skills show a decline in patient-centred attitudes: An observational study comparing two cohorts during clinical clerkships. <i>Patient Education and Counseling</i> , 2011, 84, 310-318.	1.0	98
80	Empathy in senior year and first year medical students: a cross-sectional study. <i>BMC Medical Education</i> , 2011, 11, 52.	1.0	149
81	Psychometric properties and confirmatory factor analysis of the Jefferson Scale of Physician Empathy. <i>BMC Medical Education</i> , 2011, 11, 54.	1.0	89
82	Stability of empathy among undergraduate medical students: A longitudinal study at one UK medical school. <i>BMC Medical Education</i> , 2011, 11, 90.	1.0	115
83	Measuring Empathy in Pharmacy Students. <i>American Journal of Pharmaceutical Education</i> , 2011, 75, 109.	0.7	94
84	Physicians's Empathy and Clinical Outcomes for Diabetic Patients. <i>Academic Medicine</i> , 2011, 86, 359-364.	0.8	883
85	Empathic responses in clinical practice: Intuition or tuition?. <i>Cmaj</i> , 2011, 183, 569-571.	0.9	42
86	The Listening Practices of Exemplary Physicians. <i>International Journal of Listening</i> , 2011, 25, 145-160.	0.5	10
87	Medical Students's Self-Reported Empathy and Simulated Patients's Assessments of Student Empathy: An Analysis by Gender and Ethnicity. <i>Academic Medicine</i> , 2011, 86, 984-988.	0.8	76
88	Empathic and Sympathetic Orientations Toward Patient Care: Conceptualization, Measurement, and Psychometrics. <i>Academic Medicine</i> , 2011, 86, 989-995.	0.8	75
89	Peer Nominations as Related to Academic Attainment, Empathy, Personality, and Specialty Interest. <i>Academic Medicine</i> , 2011, 86, 747-751.	0.8	31
90	A comparison of medical students's self-reported empathy with simulated patients's assessments of the students's empathy. <i>Medical Teacher</i> , 2011, 33, 388-391.	1.0	73
91	Medical students's perceptions of the factors influencing their academic performance: An exploratory interview study with high-achieving and re-sitting medical students. <i>Medical Teacher</i> , 2012, 34, e325-e331.	1.0	37
92	Impact of a Workshop About Aging on the Empathy Scores of Pharmacy and Medical Students. <i>American Journal of Pharmaceutical Education</i> , 2012, 76, 9.	0.7	80

#	ARTICLE	IF	CITATIONS
93	Turkish Adaptation Of The Student Version Of Jefferson Scale Of Physician Empathy. Marmara Medical Journal, 0, , .	0.1	11
94	The Relationship Between Physician Empathy and Disease Complications. Academic Medicine, 2012, 87, 1243-1249.	0.8	410
95	Associations of Medical Student Personality and Health/Wellness Characteristics With Their Medical School Performance Across the Curriculum. Academic Medicine, 2012, 87, 476-485.	0.8	65
96	A Study of Empathy Decline in Physician Assistant Students at Completion of First Didactic Year. Journal of Physician Assistant Education, 2012, 23, 16-24.	0.2	9
98	Transformative Learning. Journal of the American Podiatric Medical Association, 2012, 102, 39-46.	0.2	8
99	The effect of a structured empathy course on the students of a medical and a nursing school. International Nursing Review, 2012, 59, 532-538.	1.5	43
100	The Jefferson Scale of Physician Empathy: A preliminary psychometric study and group comparisons in Korean physicians. Medical Teacher, 2012, 34, e464-e468.	1.0	54
101	Comparative cross-sectional study of empathy among first year and final year medical students in Jimma University, Ethiopia: Steady state of the heart and opening of the eyes. BMC Medical Education, 2012, 12, 34.	1.0	48
102	Measurement and correlates of empathy among female Japanese physicians. BMC Medical Education, 2012, 12, 48.	1.0	48
103	The Role of Unconscious Bias in Surgical Safety and Outcomes. Surgical Clinics of North America, 2012, 92, 137-151.	0.5	67
104	Empathy of medical students and personality: Evidence from the Five-Factor Model. Medical Teacher, 2012, 34, 807-812.	1.0	78
105	Changes of empathy in medical college and medical school students: 1-year follow up study. BMC Medical Education, 2012, 12, 122.	1.0	44
106	Levels of empathy in undergraduate nursing students. International Journal of Nursing Practice, 2012, 18, 246-251.	0.8	71
107	A latent growth model suggests that empathy of medical students does not decline over time. Advances in Health Sciences Education, 2013, 18, 509-522.	1.7	104
108	“More shades of grey in my answers”™: an interview study revisiting attitude erosion during clerkships. Medical Education, 2013, 47, 476-484.	1.1	8
109	Empathy is related to clinical competence in medical care. Medical Education, 2013, 47, 824-831.	1.1	95
110	Psychostimulant drug abuse and personality factors in medical students. Medical Teacher, 2013, 35, 53-57.	1.0	16
111	Depression in medical students: Cluster symptoms and management. Journal of Affective Disorders, 2013, 150, 110-114.	2.0	31

#	ARTICLE	IF	CITATIONS
112	Characteristics associated with empathic behavior in Japanese oncologists. <i>Patient Education and Counseling</i> , 2013, 93, 350-353.	1.0	5
113	Psychometric properties of a Chinese version of the Jefferson Scale of Empathy for Health Professionals Students. <i>Journal of Psychiatric and Mental Health Nursing</i> , 2013, 20, 866-873.	1.2	51
114	Challenging Medical Students to Confront their Biases: A Case Study Simulation Approach. <i>Medical Science Educator</i> , 2013, 23, 217-224.	0.7	11
115	Personality assessments and outcomes in medical education and the practice of medicine: AMEE Guide No. 79. <i>Medical Teacher</i> , 2013, 35, e1267-e1301.	1.0	104
116	Contemplative Science: An Insider Prospectus. <i>New Directions for Teaching and Learning</i> , 2013, 2013, 13-29.	0.2	7
117	Measurement of Empathy Levels in Undergraduate Paramedic Students. <i>Prehospital and Disaster Medicine</i> , 2013, 28, 145-149.	0.7	25
118	Empathy in Iranian medical students: Measurement model of the Jefferson Scale of Empathy. <i>Medical Teacher</i> , 2013, 35, e913-e918.	1.0	77
119	Rising to the challenge: cross-cultural adaptation and psychometric evaluation of the adapted German version of the Jefferson Scale of Physician Empathy for Students (JSPE-S). <i>Advances in Health Sciences Education</i> , 2013, 18, 573-587.	1.7	41
120	Validation of an Empathy Scale in Pharmacy and Nursing Students. <i>American Journal of Pharmaceutical Education</i> , 2013, 77, 94.	0.7	74
121	Professional conduct and misconduct. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2013, 118, 91-105.	1.0	1
122	How well do medical students rate and communicate clinical empathy?. <i>Medical Teacher</i> , 2013, 35, e946-e951.	1.0	39
123	Maintaining empathy in medical school: It is possible. <i>Medical Teacher</i> , 2013, 35, 1002-1008.	1.0	84
124	Empathy as Related to Motivations for Medicine in a Sample of First-Year Medical Students. <i>Psychological Reports</i> , 2013, 112, 73-88.	0.9	15
125	Medical professional values and education: A survey on Italian students of the medical doctor school in medicine and surgery. <i>North American Journal of Medical Sciences</i> , 2013, 5, 134.	1.7	6
126	Enhancing and sustaining empathy in medical students. <i>Medical Teacher</i> , 2013, 35, 996-1001.	1.0	106
127	Correlates and Changes in Empathy and Attitudes Toward Interprofessional Collaboration in Osteopathic Medical Students. <i>Journal of Osteopathic Medicine</i> , 2013, 113, 898-907.	0.4	45
128	Avaliação de empatia em residentes de especialidades clínicas e cirúrgicas da Universidade Federal de São Paulo. <i>Revista Brasileira De Educacao Medica</i> , 2013, 37, 320-325.	0.0	7
129	Walking a fine line: is it possible to remain an empathic physician and have a hardened heart?. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 233.	1.0	35

#	ARTICLE	IF	CITATIONS
130	Empathy in mental health nursing: learned, acquired or lost?. British Journal of Mental Health Nursing, 2013, 2, 28-36.	0.1	3
131	Levels of empathy in undergraduate emergency health, nursing, and midwifery students: a longitudinal study. Advances in Medical Education and Practice, 2014, 5, 299.	0.7	69
132	Critical Thinking and Reflection on Community Service for a Medical Biochemistry Course Raise Studentsâ€™ Empathy, Patient-Centered Orientation, and Examination Scores. Medical Science Educator, 2014, 24, 279-290.	0.7	13
133	Empathy in Undergraduate Medical Students of Bangladesh: Psychometric Analysis and Differences by Gender, Academic Year, and Specialty Preferences. , 2014, 2014, 1-7.		36
134	Assessments of empathy in medical school admissions: what additional evidence is needed?. International Journal of Medical Education, 2014, 5, 7-10.	0.6	47
135	The appeal of emotional intelligence. Medical Education, 2014, 48, 458-460.	1.1	5
136	Measurement properties and confirmatory factor analysis of the Jefferson Scale of Empathy in Italian medical students. Perspectives on Medical Education, 2022, 3, 419-430.	1.8	32
137	Interventions to cultivate physician empathy: a systematic review. BMC Medical Education, 2014, 14, 219.	1.0	238
138	Facial affect recognition and exit examination performance in medical students: a prospective exploratory study. BMC Medical Education, 2014, 14, 245.	1.0	2
139	Examiner and simulated patient ratings of empathy in medical student final year clinical examination: are they useful?. BMC Medical Education, 2014, 14, 199.	1.0	32
140	Residentsâ€™ and standardized patientsâ€™ perspectives on empathy: Issues of agreement. Patient Education and Counseling, 2014, 96, 22-28.	1.0	30
141	Testing for Independent Effects of Prosocial Knowledge and Technical Knowledge on Skill and Performance. Human Performance, 2014, 27, 311-327.	1.4	24
142	Determinants of physician empathy during medical education: hypothetical conclusions from an exploratory qualitative survey of practicing physicians. BMC Medical Education, 2014, 14, 122.	1.0	85
143	Changes in wellbeing and professional values among medical undergraduate students: a narrative review of the literature. Advances in Health Sciences Education, 2014, 19, 597-610.	1.7	23
144	Clinical Examiners, Simulated Patients, and Student Self-assessed Empathy in Medical Students During a Psychiatry Objective Structured Clinical Examination. Academic Psychiatry, 2014, 38, 451-457.	0.4	26
145	Psychosocial predictors of attitudes toward physician empathy in clinical encounters among 4732 1st year medical students: A report from the CHANGES study. Patient Education and Counseling, 2014, 96, 367-375.	1.0	39
146	Peer assessment among first year medical students in anatomy. Anatomical Sciences Education, 2014, 7, 144-152.	2.5	31
147	Cross sectional assessment of empathy among undergraduates from a medical college. Medical Journal Armed Forces India, 2014, 70, 179-185.	0.3	44

#	ARTICLE	IF	CITATIONS
148	Medical students' attitudes towards science and gross anatomy, and the relationship to personality. <i>Journal of Anatomy</i> , 2014, 224, 261-269.	0.9	16
149	Validation of Slovenian version of Jefferson scale of empathy for students. <i>Zdravstveno Varstvo</i> , 2014, 53, 89-100.	0.6	4
150	Feminine and Feminist Ethics and Service-Learning Site Selection: The Role of Empathy. <i>The Feminist Teacher: A Journal of the Practicesories, and Scholarship of Feminist Teaching</i> , 2014, 24, 57.	0.0	8
151	Standardized Patient Assessment of Medical Student Empathy. <i>Academic Medicine</i> , 2015, 90, 105-111.	0.8	91
152	Assessing Empathic Attitudes in Medical Students: The Re-Validation of the Jefferson Scale of Empathystudent Version Report. <i>Zdravstveno Varstvo</i> , 2015, 54, 282-292.	0.6	14
153	Can Empathy, Other Personality Attributes, and Level of Positive Social Influence in Medical School Identify Potential Leaders in Medicine?. <i>Academic Medicine</i> , 2015, 90, 505-510.	0.8	35
154	Assessment of Korean Pharmacy Studentsâ€™ Empathy Using the Jefferson Scale of Empathy. <i>American Journal of Pharmaceutical Education</i> , 2015, 79, 67.	0.7	24
155	A Methodological Review of the Assessment of Humanism in Medical Students. <i>Academic Medicine</i> , 2015, 90, S14-S23.	0.8	25
156	The relationships between empathy, stress and social support among medical students. <i>International Journal of Medical Education</i> , 2015, 6, 103-108.	0.6	107
157	Measurement of Empathy Changes During a Physical Therapistâ€™s Education and Beyond. <i>Journal, Physical Therapy Education</i> , 2015, 29, 6-12.	0.3	10
158	What Factors Promote Resilience and Protect Against Burnout in First-Year Pediatric and Medicine-Pediatric Residents?. <i>Journal of Evidence-Based Complementary & Alternative Medicine</i> , 2015, 20, 192-198.	1.5	132
159	Empathy in Korean medical students: Findings from a nationwide survey. <i>Medical Teacher</i> , 2015, 37, 943-948.	1.0	52
160	Exploring autistic-like traits relating to empathic attitude and psychological distress in hospital pharmacists. <i>International Journal of Clinical Pharmacy</i> , 2015, 37, 1258-1266.	1.0	7
161	Reconsidering the â€œdeclineâ€ of medical student empathy as reported in studies using the Jefferson Scale of Physician Empathy-Student version (JSPE-S). <i>Medical Teacher</i> , 2015, 37, 783-786.	1.0	61
162	Simulation-based end-of-life care training during surgical clerkship: assessment of skills and perceptions. <i>Journal of Surgical Research</i> , 2015, 196, 258-263.	0.8	24
163	Preserving third year medical studentsâ€™ empathy and enhancing self-reflection using small group â€œvirtual hangoutâ€ technology. <i>Medical Teacher</i> , 2015, 37, 566-571.	1.0	42
164	Underlying construct of empathy, optimism, and burnout in medical students. <i>International Journal of Medical Education</i> , 2015, 6, 12-16.	0.6	115
165	Eleven Years of Data on the Jefferson Scale of Empathy-Medical Student Version (JSE-S): Proxy Norm Data and Tentative Cutoff Scores. <i>Medical Principles and Practice</i> , 2015, 24, 344-350.	1.1	98

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166	Empathy or science? Empathy explains physical science enrollment for men and women. <i>Learning and Individual Differences</i> , 2015, 40, 115-120.	1.5	16
167	An Experimental Study of Medical Error Explanations: Do Apology, Empathy, Corrective Action, and Compensation Alter Intentions and Attitudes?. <i>Journal of Health Communication</i> , 2015, 20, 1422-1432.	1.2	23
168	A Randomized Prospective Study on Outcomes of an Empathy Intervention among Second-year Student Pharmacists. <i>American Journal of Pharmaceutical Education</i> , 2015, 79, 18.	0.7	39
169	Management of mood disorders by osteopaths in New Zealand: A survey of current clinical practice. <i>International Journal of Osteopathic Medicine</i> , 2015, 18, 161-170.	0.4	3
170	Do we need to change the medical curriculum: regarding the pain of others. <i>Indian Heart Journal</i> , 2015, 67, 187-191.	0.2	21
171	Do empathy, perspective-taking, sense of power and personality differ across undergraduate education and are they inter-related?. <i>Advances in Health Sciences Education</i> , 2015, 20, 23-31.	1.7	24
172	A Multicenter Study Investigating Empathy and Burnout Characteristics in Medical Residents with Various Specialties. <i>Journal of Korean Medical Science</i> , 2016, 31, 590.	1.1	52
173	Cognitive, Behavioral and Emotional Empathy in Pharmacy Students: Targeting Programs for Curriculum Modification. <i>Frontiers in Pharmacology</i> , 2016, 7, 96.	1.6	37
174	Personal profile of medical students selected through a knowledge-based exam only: are we missing suitable students?. <i>Medical Education Online</i> , 2016, 21, 29705.	1.1	22
175	The effect of Mind Body Medicine course on medical student empathy: a pilot study. <i>Medical Education Online</i> , 2016, 21, 31196.	1.1	20
176	Verbal social support for newly diagnosed breast cancer patients during surgical decision-making visits. <i>Journal of Communication in Healthcare</i> , 2016, 9, 267-278.	0.8	3
177	Detached concern?: Emotional socialization in twenty-first century medical education. <i>Social Science and Medicine</i> , 2016, 160, 94-101.	1.8	92
178	Moral perception, educational environment, and development of medical professionalism in medical students during the clinical rotations in Peru. <i>International Journal of Ethics Education</i> , 2016, 1, 163-172.	0.6	12
179	Collaboration between service professionals during the delivery of health care: Evidence from a multiple-case study in U.S. hospitals. <i>Journal of Operations Management</i> , 2016, 42-43, 62-79.	3.3	35
180	Communication skills in medical students – An exploratory study before and after clerkships. <i>Porto Biomedical Journal</i> , 2016, 1, 173-180.	0.4	23
181	Patients with schizophrenia are less prone to interpret virtual others' empathetic questioning as helpful. <i>Psychiatry Research</i> , 2016, 242, 67-74.	1.7	8
183	Empathy and Gender: Are Men and Women Complementary or Opposite Sexes?. , 2016, , 169-187.		1
184	Medir la empatía en estudiantes de medicina, las diferencias por género y nivel de educación: identificación de una taxonomía de los estudiantes. <i>Investigación En Educación Médica</i> , 2016, 5, 253-260.	0.0	14

#	ARTICLE	IF	CITATIONS
185	The Association Between Physician Empathy and Variation in Imaging Use. <i>Academic Emergency Medicine</i> , 2016, 23, 895-904.	0.8	10
186	La conciliation travail-famille: le défi des médecins. <i>BioéthiqueOnline</i> , 0, 4, .	0.0	1
187	The Jefferson Scale of Empathy. , 2016, , 83-128.		10
188	Empathy as Related to Personal Qualities, Career Choice, Acquisition of Knowledge, and Clinical Competence. , 2016, , 151-167.		3
189	Reflections on empathy in medical education: What can we learn from social neurosciences?. <i>Advances in Health Sciences Education</i> , 2016, 21, 235-249.	1.7	41
190	Empathy levels in undergraduate paramedic students: A three-year longitudinal study. <i>Nurse Education in Practice</i> , 2016, 16, 86-90.	1.0	26
191	The Impact of Combining Conformance and Experiential Quality on Hospitals' Readmissions and Cost Performance. <i>Management Science</i> , 2016, 62, 829-848.	2.4	110
192	Measuring "virtue" in medicine. <i>Medicine, Health Care and Philosophy</i> , 2016, 19, 149-161.	0.9	23
193	The Source and Impact of Specific Parameters that Enhance Well-Being in Daily Life. <i>Journal of Religion and Health</i> , 2016, 55, 1326-1335.	0.8	9
194	Development of a metacognitive effort construct of empathy during clinical training: a longitudinal study of the factor structure of the Jefferson Scale of Empathy. <i>Advances in Health Sciences Education</i> , 2016, 21, 5-17.	1.7	40
195	Nivel de empatía médica y factores asociados en estudiantes de medicina. <i>Investigación En Educación Médica</i> , 2017, 6, 221-227.	0.0	9
196	Burnout and its relationship to empathy in nursing: a review of the literature. <i>Journal of Research in Nursing</i> , 2017, 22, 7-22.	0.3	60
197	Why teaching empathy is important for the medical degree. <i>Revista Clínica Española</i> , 2017, 217, 332-335.	0.3	7
198	Thinking families: A study of the characteristics of the workforce that delivers family-focused practice. <i>International Journal of Mental Health Nursing</i> , 2017, 26, 238-248.	2.1	26
199	What Matters More About the Interpersonal Reactivity Index and the Jefferson Scale of Empathy? Their Underlying Constructs or Their Relationships With Pertinent Measures of Clinical Competence and Patient Outcomes?. <i>Academic Medicine</i> , 2017, 92, 743-745.	0.8	28
200	Effects of medical trainees' weight-loss history on perceptions of patients with obesity. <i>Medical Education</i> , 2017, 51, 802-811.	1.1	9
201	¿Por qué es importante la enseñanza de la empatía en el Grado de Medicina?. <i>Revista Clínica Española</i> , 2017, 217, 332-335.	0.2	10
202	The effects of a structured mindfulness program on the development of empathy in healthcare students. <i>NursingPlus Open</i> , 2017, 3, 1-5.	2.0	22

#	ARTICLE	IF	CITATIONS
203	Challenges faced by physicians when discussing the Type 2 diabetes diagnosis with patients: insights from a cross-national study (IntroDia [®]). <i>Diabetic Medicine</i> , 2017, 34, 1100-1107.	1.2	13
204	A new admission method may select applicants with a distinct personality profile. <i>Medical Teacher</i> , 2017, 39, 646-652.	1.0	4
205	The assessment of medical competencies. <i>Revista Clínica Española</i> , 2017, 217, 534-542.	0.3	3
206	La evaluación de competencias en Medicina. <i>Revista Clínica Española</i> , 2017, 217, 534-542.	0.2	10
207	From Infancy to Adolescence. <i>Academic Medicine</i> , 2017, 92, 622-627.	0.8	7
208	Medical school selection criteria as predictors of medical student empathy: a cross-sectional study of medical students, Ireland. <i>BMJ Open</i> , 2017, 7, e016076.	0.8	10
209	Clinical Performance Evaluations of Third-Year Medical Students and Association With Student and Evaluator Gender. <i>Academic Medicine</i> , 2017, 92, 835-840.	0.8	39
210	Enhancing Student Empathetic Engagement, History-Taking, and Communication Skills During Electronic Medical Record Use in Patient Care. <i>Academic Medicine</i> , 2017, 92, 1022-1027.	0.8	23
211	Communication skills of medical students during the OSCE: Gender-specific differences in a longitudinal trend study. <i>BMC Medical Education</i> , 2017, 17, 75.	1.0	48
212	Examining the relationship between burnout and empathy in healthcare professionals: A systematic review. <i>Burnout Research</i> , 2017, 6, 18-29.	4.4	274
213	Associations of medical student empathy with clinical competence. <i>Patient Education and Counseling</i> , 2017, 100, 742-747.	1.0	23
214	Empathy is Associated with Meaning of Life and Mental Health Treatment but not Religiosity Among Brazilian Medical Students. <i>Journal of Religion and Health</i> , 2017, 56, 1003-1017.	0.8	18
215	Clarifying changes in student empathy throughout medical school: a scoping review. <i>Advances in Health Sciences Education</i> , 2017, 22, 1293-1313.	1.7	77
216	Identifying Noncognitive Skills That Contribute to Dental Students'™ Success: Dental Faculty Perspectives. <i>Journal of Dental Education</i> , 2017, 81, 300-309.	0.7	14
217	Impact of a narrative medicine programme on healthcare providers'™ empathy scores over time. <i>BMC Medical Education</i> , 2017, 17, 108.	1.0	53
218	Empathy from the perspective of oncology nurses. <i>Journal of Compassionate Health Care</i> , 2017, 4, .	1.2	11
219	Study of the Levels of Human'™Human and Human'™Animal Empathy in Veterinary Medical Students from Chile. <i>Journal of Veterinary Medical Education</i> , 2017, 44, 179-186.	0.4	21
220	Measuring Multidimensional Empathy: Theoretical and Practical Considerations for Osteopathic Medical Researchers. <i>Journal of Osteopathic Medicine</i> , 2017, 117, 697-704.	0.4	4

#	ARTICLE	IF	CITATIONS
221	Empathy Levels in Medical Students: Do They Really Change Over Time?. , 0, , .		6
222	Changes in empathy during Medical Education: An example from Turkey. Pakistan Journal of Medical Sciences, 2017, 33, 1177-1181.	0.3	17
223	Evidence-based poetry: using poetic representation of phenomenological research to create an educational tool for enhancing empathy in medical trainees in the management of depression. Journal of Poetry Therapy, 2018, 31, 75-86.	0.4	4
224	Developing Empathy: Does Experience Through Simulation Improve Medical-Student Empathy?. Medical Science Educator, 2018, 28, 31-36.	0.7	11
225	Change in empathy in medical school. Medical Education, 2018, 52, 456-457.	1.1	12
226	Assessing empathy among medical students: A comparative analysis using two different scales in a Brazilian medical school. Educacion Medica, 2018, 19, 162-170.	0.3	5
227	Chilean Dentistry students, levels of empathy and empathic erosion: Necessary evaluation before a planned intervention. Saudi Dental Journal, 2018, 30, 117-124.	0.5	10
228	Experiences of Female and Male Medical Students With Death, Dying, and Palliative Care: One Size Does Not Fit All. American Journal of Hospice and Palliative Medicine, 2018, 35, 852-857.	0.8	4
229	Applications of Terror Management Theory. , 2018, , 85-103.		0
230	Personal and Job Factors Associated with Teachers's™ Active Listening and Active Empathic Listening. Social Sciences, 2018, 7, 117.	0.7	4
232	Emotion recognition and extraversion of medical students interact to predict their empathic communication perceived by simulated patients. BMC Medical Education, 2018, 18, 237.	1.0	15
233	Experiential education enhancing paramedic perspective and interpersonal communication with older patients: a controlled study. BMC Medical Education, 2018, 18, 239.	1.0	7
234	Gender differences in the perception of quality of life during internal medicine training: a qualitative and quantitative analysis. BMC Medical Education, 2018, 18, 281.	1.0	18
235	Validation of the Jefferson Scale of Physician Empathy in Spanish medical students who participated in an Early Clerkship Immersion programme. BMC Medical Education, 2018, 18, 209.	1.0	25
236	Influence of oncology nurses's empathy on lung cancer patients's cellular immunity. Psychology Research and Behavior Management, 2018, Volume 11, 279-287.	1.3	30
237	The role of empathy between functional competence diversity and competence acquisition: a case study of interdisciplinary teams. Quality and Quantity, 2018, 52, 2535-2556.	2.0	3
239	Cultural empathy in midwifery students: Assessment of an education program. Nurse Education Today, 2018, 70, 103-108.	1.4	6
240	The impact of educational interventions on the empathic concern of health professional students: A literature review. Nurse Education in Practice, 2018, 31, 104-111.	1.0	22

#	ARTICLE	IF	CITATIONS
241	The Jefferson Scale of Empathy: a nationwide study of measurement properties, underlying components, latent variable structure, and national norms in medical students. <i>Advances in Health Sciences Education</i> , 2018, 23, 899-920.	1.7	133
242	Empathy Variation in General Practice: A Survey among General Practitioners in Denmark. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 433.	1.2	17
243	Does narrative medicine education improve nursing students' empathic abilities and academic achievement? A randomised controlled trial. <i>Journal of International Medical Research</i> , 2018, 46, 3306-3317.	0.4	38
244	Intern as Patient: A Patient Experience Simulation to Cultivate Empathy in Emergency Medicine Residents. <i>Western Journal of Emergency Medicine</i> , 2018, 19, 41-48.	0.6	15
245	Emotional intelligence among medical students: a mixed methods study from Chennai, India. <i>BMC Medical Education</i> , 2018, 18, 97.	1.0	22
246	Medical students' perception of test anxiety triggered by different assessment modalities. <i>Medical Teacher</i> , 2018, 40, S49-S55.	1.0	19
247	Effects of doctors' empathy abilities on the cellular immunity of patients with advanced prostate cancer treated by orchiectomy: the mediating role of patients' stigma, self-efficacy, and anxiety. <i>Patient Preference and Adherence</i> , 2018, Volume 12, 1305-1314.	0.8	37
249	Naturopathic medical student empathy and burnout: A preliminary study. <i>Advances in Integrative Medicine</i> , 2019, 6, 151-158.	0.4	6
250	Using team projects for making short films to cultivate students' interdisciplinary competencies. <i>Interactive Learning Environments</i> , 2019, 27, 103-117.	4.4	2
251	The Development of Cognitive and Affective Skills Through a Sexual and Reproductive Health Medical Education Unit. <i>Sexual Medicine</i> , 2019, 7, 326-336.	0.9	0
252	Empathy in Medicine National Norms for the Jefferson Scale of Empathy: A Nationwide Project in Osteopathic Medical Education and Empathy (POME). <i>Journal of Osteopathic Medicine</i> , 2019, 119, 520-532.	0.4	14
253	Investigating the relation between self-assessment and patients' assessments of physicians-in-training empathy: a multicentric, observational, cross-sectional study in three teaching hospitals in Brazil. <i>BMJ Open</i> , 2019, 9, e029356.	0.8	18
254	Evaluation of Constructing Care Collaboration - nurturing empathy and peer-to-peer learning in medical students who participate in voluntary structured service learning programmes for migrant workers. <i>BMC Medical Education</i> , 2019, 19, 304.	1.0	18
255	The Positive Association Between Empathy and Self-Esteem in Chinese Medical Students: A Multi-Institutional Study. <i>Frontiers in Psychology</i> , 2019, 10, 1921.	1.1	24
256	Gender differences in the expression and cognition of empathy among nursing students: An educational assessment study. <i>Nurse Education Today</i> , 2019, 81, 1-6.	1.4	12
257	Medical students' empathy and attitudes towards professionalism: Relationship with personality, specialty preference and medical programme. <i>PLoS ONE</i> , 2019, 14, e0215675.	1.1	23
258	Racial/Ethnic Disparities in Clinical Grading in Medical School. <i>Teaching and Learning in Medicine</i> , 2019, 31, 487-496.	1.3	153
259	Effect of a 2-day communication skills training on nursing and midwifery students' empathy: a randomised controlled trial. <i>BMJ Open</i> , 2019, 9, e023666.	0.8	20

#	ARTICLE	IF	CITATIONS
260	Learning in a High-Stress Clinical Environment: Stressors Associated with Medical Studentsâ€™ Clerkship Training on Labor and Delivery. <i>Teaching and Learning in Medicine</i> , 2019, 31, 385-392.	1.3	7
261	The role of empathy and psychological need satisfaction in pharmacy studentsâ€™ burnout and well-being. <i>BMC Medical Education</i> , 2019, 19, 43.	1.0	39
262	A night on call or an overnight shift does not reduce residentsâ€™ empathy: a randomized crossover multicenter survey. <i>BMC Medical Education</i> , 2019, 19, 391.	1.0	0
263	Empathy among dental students in a Nigerian institution. <i>European Journal of Dental Education</i> , 2019, 23, 135-142.	1.0	13
264	Associations between motivational factors for studying medicine, learning approaches and empathy among medical school candidates. <i>Advances in Health Sciences Education</i> , 2019, 24, 287-300.	1.7	18
265	Physician experiences when discussing the need for additional oral medication with type 2 diabetes patients: Insights from the cross-national IntroDia® study. <i>Diabetes Research and Clinical Practice</i> , 2019, 148, 179-188.	1.1	2
266	What makes pharmacists successful? An investigation of personal characteristics. <i>Journal of the American Pharmacists Association: JAPhA</i> , 2019, 59, 23-29.e1.	0.7	15
267	Hypothesis: the hospital learning environment impedes studentsâ€™ acquisition of reflectivity and medical professionalism. <i>Advances in Health Sciences Education</i> , 2019, 24, 185-194.	1.7	10
268	Can communication skills training improve empathy? A six-year longitudinal study of medical students in Japan. <i>Medical Teacher</i> , 2019, 41, 195-200.	1.0	55
269	Assessing the effects of an empathy education program using psychometric instruments and brain fMRI. <i>Advances in Health Sciences Education</i> , 2020, 25, 283-295.	1.7	3
270	How do perceptions of verbal statements and nonverbal actions as empathetic differ by medical appointment context?. <i>Patient Education and Counseling</i> , 2020, 103, 410-413.	1.0	6
271	Myers-Briggs Type Indicator in Medical Education: A Narrative Review and Analysis. <i>Health Professions Education</i> , 2020, 6, 31-46.	1.4	5
272	Pre-clinical Stress Management Workshops Increase Medical Studentsâ€™ Knowledge and Self-awareness of Coping with Stress. <i>Medical Science Educator</i> , 2020, 30, 235-241.	0.7	8
273	Relationships Between Perspective-Taking, Empathic Concern, and Self-rating of Empathy as a Physician Among Medical Students. <i>Academic Psychiatry</i> , 2020, 44, 316-319.	0.4	6
274	Effects of Biopsychosocial Education on the Clinical Judgments of Medical Students and GP Trainees Regarding Future Risk of Disability in Chronic Lower Back Pain: A Randomized Control Trial. <i>Pain Medicine</i> , 2020, 21, 939-950.	0.9	5
275	Can we go too far with empathy? Shifting from empathy to compassion. <i>British Journal of Anaesthesia</i> , 2020, 124, 129-131.	1.5	6
276	Empathy of Medical Students and Compassionate Care for Dying Patients: An Assessment of â€œNo One Dies Aloneâ€•Program. <i>Journal of Patient Experience</i> , 2020, 7, 1164-1168.	0.4	5
277	Development and Evaluation of an Online Coaching Model for Medical Students' and Doctors' Mental and Physical Well-being Management. <i>Research on Emotion in Organizations</i> , 2020, , 69-93.	0.1	0

#	ARTICLE	IF	CITATIONS
278	Empathy in MedicineCultivating an Empathetic Professional Identity in Osteopathic Medical Students Through Service Learning: A Qualitative Analysis of Reflective Essays. <i>Journal of Osteopathic Medicine</i> , 2020, 120, 263-272.	0.4	7
279	Empathy for patient care in medical students: new evidence on the importance of self-transcendence. <i>Psychology, Health and Medicine</i> , 2022, 27, 1035-1041.	1.3	4
280	Gender differences in the effect of medical humanities program on medical studentsâ€™ empathy: a prospective longitudinal study. <i>BMC Medical Education</i> , 2020, 20, 413.	1.0	4
281	The Impact of Meeting Patients with Neurological Disorders on Medical Student Empathy. <i>Medical Science Educator</i> , 2020, 30, 1561-1568.	0.7	4
282	Comparing mental distress and help-seeking among first-year medical students in Norway: results of two cross-sectional surveys 20 years apart. <i>BMJ Open</i> , 2020, 10, e036968.	0.8	15
283	A Novel Graphic Medicine Curriculum for Resident Physicians: Boosting Empathy and Communication through Comics. <i>Journal of Medical Humanities</i> , 2020, 41, 573-578.	0.3	18
284	Spectator Sports as Context for Examining Observersâ€™ Agreeableness, Social Identification, and Empathy in a High-Stakes Conflict Situation. <i>Psychological Reports</i> , 2020, 124, 003329412094822.	0.9	2
285	Visual arts in the clinical clerkship: a pilot cluster-randomized, controlled trial. <i>BMC Medical Education</i> , 2020, 20, 481.	1.0	9
286	<p>The Long-Term Effectiveness of Empathic Interventions in Medical Education: A Systematic Review</p>. <i>Advances in Medical Education and Practice</i> , 2020, Volume 11, 879-890.	0.7	8
287	Appraising medical empathy: Is it all about scales? Reflections about empathy research in two different cultures. <i>Educacion Medica</i> , 2021, 22, 505-508.	0.3	0
288	Empathy profiles differ by gender in people who have and have not attempted suicide. <i>Journal of Affective Disorders Reports</i> , 2020, 2, 100024.	0.9	4
289	Does Empathy Decline in the Clinical Phase of Medical Education? A Nationwide, Multi-Institutional, Cross-Sectional Study of Students at DO-Granting Medical Schools. <i>Academic Medicine</i> , 2020, 95, 911-918.	0.8	56
290	Can listening training empower service employees? The mediating roles of anxiety and perspective-taking. <i>European Journal of Work and Organizational Psychology</i> , 2020, 29, 938-952.	2.2	22
291	Study protocol of a multicenter randomized controlled trial of mindfulness-based intervention versus relaxation to reduce emotional exhaustion in medical students in France: the â€œMust preventâ€• study. <i>BMC Psychiatry</i> , 2020, 20, 115.	1.1	4
292	Gender related changes of empathy level among Polish dental students over the course of training. <i>Medicine (United States)</i> , 2020, 99, e18470.	0.4	10
293	Forum theater staging of difficult encounters with patients to increase empathy in students: evaluation of efficacy at The University of Angers Medical School. <i>BMC Medical Education</i> , 2020, 20, 58.	1.0	15
294	Assessment of third-year medical studentsâ€™ comfort and preparedness for navigating challenging clinical scenarios with patients, peers, and supervisors. <i>BMC Medical Education</i> , 2020, 20, 71.	1.0	2
295	<p>The Evolution of Social Beliefs 1960â€“2016 in the United States and Its Influence on Empathy and Prosocial Expression in Medicine</p>. <i>Advances in Medical Education and Practice</i> , 2020, Volume 11, 437-446.	0.7	1

#	ARTICLE	IF	CITATIONS
296	Entrustable professional activities and facets of competence in a simulated workplace-based assessment for advanced medical students. <i>Medical Teacher</i> , 2020, 42, 1019-1026.	1.0	3
297	Empathy as related to gender, age, race and ethnicity, academic background and career interest: A nationwide study of osteopathic medical students in the United States. <i>Medical Education</i> , 2020, 54, 571-581.	1.1	29
298	Empathy trajectories throughout medical school: relationships with personality and motives for studying medicine. <i>Advances in Health Sciences Education</i> , 2020, 25, 1227-1242.	1.7	17
299	Development in Danish medical students'™ empathy: study protocol of a cross-sectional and longitudinal mixed-methods study. <i>BMC Medical Education</i> , 2020, 20, 54.	1.0	4
300	Physicians'™ Self-Assessed Empathy and Patients'™ Perceptions of Physicians'™ Empathy: Validation of the Greek Jefferson Scale of Patient Perception of Physician Empathy. <i>BioMed Research International</i> , 2020, 2020, 1-10.	0.9	14
301	Storytelling in Medical Education: Narrative Medicine as a Resource for Interdisciplinary Collaboration. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1135.	1.2	32
302	The Role of Empathy in Health and Social Care Professionals. <i>Healthcare (Switzerland)</i> , 2020, 8, 26.	1.0	179
303	First Experimental Study in Turkey Teaches Veterinary Students How to Break Bad News. <i>Journal of Veterinary Medical Education</i> , 2020, 47, 720-727.	0.4	3
304	Lower Frequency of Call Shifts Leads to Higher Attendance, Higher Academic Performance, and Less Burnout Syndrome in Surgical Clerkships. <i>Journal of Surgical Education</i> , 2021, 78, 485-491.	1.2	4
305	The Relationship between Cognitively-Based Clinical Empathy and Attitudes toward Death and Dying in Medical Students. <i>Teaching and Learning in Medicine</i> , 2021, 33, 49-57.	1.3	4
306	Empathy, well-being, and mental health: do gender differences diminish by the end of medical school?. <i>Women and Health</i> , 2021, 61, 254-264.	0.4	2
307	Preliminary development and validation of the Patient-Physician Relationship Scale for physicians for disorders of gut-brain interaction. <i>Neurogastroenterology and Motility</i> , 2021, 33, e13976.	1.6	3
308	Does Medical Students'™ High Expression of Empathy Correlate with Their Choice of Primary Care Residencies?. <i>Southern Medical Journal</i> , 2021, 114, 8-12.	0.3	0
309	Multiple cross-sectional assessments of empathy in medical undergraduate students. <i>Industrial Psychiatry</i> , 2021, 30, 147.	0.3	2
310	Development and validation of The Breaking Bad News Attitudes Scale. <i>BMC Medical Education</i> , 2021, 21, 196.	1.0	5
311	Measuring Empathy among Dental Students and Interns: A Cross-Sectional Study from Dammam, Saudi Arabia. <i>International Journal of Dentistry</i> , 2021, 2021, 1-7.	0.5	9
312	The relationship between medical students'™ empathy and burnout levels by gender and study years. <i>Patient Education and Counseling</i> , 2022, 105, 432-439.	1.0	15
313	Evaluation of the effects of emotional intelligence status on the communication skills of the faculty of medicine students. <i>Marmara Medical Journal</i> , 0, , .	0.2	1

#	ARTICLE	IF	CITATIONS
314	Medical students's™ preclinical service-learning experience and its effects on empathy in clinical training. BMC Medical Education, 2021, 21, 301.	1.0	10
315	The Impact of an Unconventional Elective in Narrative Medicine and Pediatric Psycho-oncology on Humanism in Medical Students. Journal of Cancer Education, 2021, , 1.	0.6	6
316	Moral Injury, Emotional Labor and Burnout:ÂAn Unbearable Burden for Health Professionals. Pakistan Journal of Medical Sciences, 2021, 37, 1256-1258.	0.3	2
317	The effect of Humanitude care methodology on improving empathy: a six-year longitudinal study of medical students in Japan. BMC Medical Education, 2021, 21, 316.	1.0	4
318	Measurement invariance analysis of two empathy scales in a sample of French first year students registered in health formation. Current Psychology, 0, , 1.	1.7	0
319	Impact of an aging simulation workshop with different debrief methods on the development of empathy in pharmacy undergraduates. Currents in Pharmacy Teaching and Learning, 2021, 13, 683-693.	0.4	5
320	Measures of Burnout and Empathy in United States Doctor of Pharmacy Students: Time for a Change?. Journal of Pharmacy Practice, 2022, 35, 940-946.	0.5	5
321	The relationship between empathy and altruistic motivations in nursing studies: a multi-method study. BMC Nursing, 2021, 20, 124.	0.9	9
322	A Pilot Study Assessing the Effect of a Transitions of Care Simulation on Student Empathy. American Journal of Pharmaceutical Education, 2021, , 8538.	0.7	0
323	Student, Faculty, and Coach Perspectives on Why Athletes Excel in Medical School: A Qualitative Analysis. Teaching and Learning in Medicine, 2022, 34, 43-59.	1.3	2
324	Attitudes toward patient-centeredness, personality and empathy of Chinese medical students. Personality and Individual Differences, 2021, 176, 110777.	1.6	3
325	Development and Cross-National Validation of a French Version of the Jefferson Scale of Empathy for Students. Evaluation and the Health Professions, 2022, 45, 288-296.	0.9	3
326	Relationship between self-reported cognitive and behavioural empathy among medical students. Patient Education and Counseling, 2021, , .	1.0	2
327	Academic burnout among medical students: respective importance of risk and protective factors. Public Health, 2021, 198, 187-195.	1.4	17
328	Intensity, dynamics and deficiencies of empathy in medical and non-medical students. BMC Medical Education, 2021, 21, 487.	1.0	3
329	Can empathy be taught? A cross-sectional survey assessing training to deliver the diagnosis of end stage renal disease. PLoS ONE, 2021, 16, e0249956.	1.1	2
330	A Longitudinal Measure of Medical Student Empathy at a Regional Campus. Journal of Regional Medical Campuses, 2021, 4, .	0.1	0
331	Craving Empathy: Studying the Sustained Impact of Empathy Training on Clinicians. Journal of Patient Experience, 2021, 8, 237437352110433.	0.4	2

#	ARTICLE	IF	CITATIONS
332	Spirituality of medical students: associations with empathy and attitudes in the doctor-patient relationship. <i>Revista Brasileira De Educacao Medica</i> , 2021, 45, .	0.0	1
333	Preparing Students Emotionally for the Human Dissection Experience. , 2015, , 195-202.		6
334	Teaching Empathy to First Year Medical Students: Evaluation of an Elective Literature and Medicine Course. <i>Education for Health: Change in Learning and Practice</i> , 2004, 17, 73-84.	0.1	178
335	Relationship between increased personal well-being and enhanced empathy among internal medicine residents. <i>Journal of General Internal Medicine</i> , 2005, 20, 559-64.	1.3	198
337	Searching for the erosion of empathy in medical undergraduate students: a longitudinal study. <i>BMJ Open</i> , 2020, 10, e041810.	0.8	9
338	Maintenance of empathy levels among first and final year medical students: a cross sectional study. <i>F1000Research</i> , 2013, 2, 157.	0.8	14
339	Empathy assessment in healthcare students is highly heterogeneous: A systematic review and meta-analysis (2012-2016). <i>World Journal of Meta-analysis</i> , 2019, 7, 1-17.	0.1	4
341	The Correlates of Turkish Preschool Preservice Teachers' Social Competence, Empathy and Communication Skills. <i>European Journal of Contemporary Education</i> , 2016, 16, .	0.7	6
342	Medical student, nursing student, and non-health care respondents' implicit attitudes toward doctors and patients: Development and a pilot study of a new implicit attitudes test (IAT). <i>PLoS ONE</i> , 2017, 12, e0183352.	1.1	2
343	Empatia e reconhecimento de expressões faciais de emoções básicas e complexas em estudantes de Medicina. <i>Jornal Brasileiro De Psiquiatria</i> , 2016, 65, 209-214.	0.2	7
344	Factors associated with levels of empathy among students and professionals in the health field: a systematic review. <i>Trends in Psychiatry and Psychotherapy</i> , 2020, 42, 207-215.	0.4	18
345	Is empathy an important attribute of midwives and other health professionals?: A review. <i>European Journal of Midwifery</i> , 2019, 3, 4.	0.5	13
346	Empathy Score among Student Residence Assistants in Iran. <i>Electronic Physician</i> , 2016, 8, 3357-3362.	0.2	4
347	Empathy score among medical students in Mashhad, Iran: study of the Jefferson Scale of Physician Empathy. <i>Electronic Physician</i> , 2018, 10, 7101-7106.	0.2	8
348	Is Empathy Necessary for the Practice of "Good" Medicine. <i>The Open Ethics Journal</i> , 2008, 2, 1-12.	0.0	5
349	Association of severity of depressive symptoms with sleep quality, social support and stress among Pakistani medical and dental students: A cross-sectional study. <i>Global Psychiatry</i> , 2019, 2, 211-220.	2.0	3
350	The Development and Implementation of a Longitudinal Wellness Curriculum for McGill University's Undergraduate Medical Program. <i>International Journal of Whole Person Care</i> , 2019, 6, 6.	0.0	3
351	Relationship between Psychological Correlates and Empathy in Medical Students: A Cross-Sectional Study. <i>Psychiatry Investigation</i> , 2019, 16, 766-772.	0.7	6

#	ARTICLE	IF	CITATIONS
352	Physician empathy: definition, outcome-relevance and its measurement in patient care and medical education. GMS Zeitschrift für Medizinische Ausbildung, 2012, 29, Doc11.	1.2	67
353	Clinical practice and self-awareness as determinants of empathy in undergraduate education: a qualitative short survey at three medical schools in Germany. GMS Zeitschrift für Medizinische Ausbildung, 2014, 31, Doc46.	1.2	13
354	Perceptions of Student Paramedic Interpersonal Communication Competence: A Cross-Sectional Study. Australasian Journal of Paramedicine, 2014, 11, 1-6.	0.4	6
355	A pilot study of a longitudinal mindfulness curriculum in undergraduate medical education. Canadian Medical Education Journal, 2020, 11, e5-e18.	0.3	8
356	Assessing Outcomes of a Motivational Interviewing Course in the Promotion of Interprofessionalism Among Preservice Health Care Professional Students. Annals of International Occupational Therapy, 2018, 1, 85-94.	0.4	2
357	The Relationship between Empathy and Medical Education System, Grades, and Personality in Medical College Students and Medical School Students. Korean Journal of Medical Education, 2009, 21, 117-124.	0.6	36
358	Changes in medical students' patient-centeredness attitudes by implementation of clinical performance examination. Korean Journal of Medical Education, 2014, 26, 99-106.	0.6	9
359	Stress, burnout and coping strategies in preclinical medical students. North American Journal of Medical Sciences, 2016, 8, 75.	1.7	210
360	Checking the relationship between physicians' communication skills and outpatients' satisfaction in the clinics of Isfahan Al-Zahra(S) Hospital in 2011. Journal of Education and Health Promotion, 2014, 3, 105.	0.3	14
361	Focus on emotional intelligence in medical education: From problem awareness to system-based solutions. International Journal of Academic Medicine, 2015, 1, 9.	0.2	16
362	Empathy among undergraduate medical students: A cross-sectional study in one Malaysian public medical school. Annals of African Medicine, 2018, 17, 183.	0.2	12
363	Exploration and confirmation of the latent variable structure of the Jefferson scale of empathy. International Journal of Medical Education, 2014, 5, 73-81.	0.6	73
364	Ethical erosion in newly qualified doctors: perceptions of empathy decline. International Journal of Medical Education, 2016, 7, 286-292.	0.6	43
365	Are alexithymia and empathy predicting factors of the resilience of medical residents in France?. International Journal of Medical Education, 2018, 9, 122-128.	0.6	35
366	The relationship between grit and selected personality measures in medical students. International Journal of Medical Education, 2020, 11, 25-30.	0.6	13
367	Measuring Empathic Tendencies: Reliability And Validity of the Dutch Version of the Interpersonal Reactivity Index. Psychologica Belgica, 2013, 47, 235.	1.0	240
368	Psychometric Analysis of the JSPE Nursing Student Version R: Comparison of Senior BSN Students and Medical Students Attitudes toward Empathy in Patient Care. ISRN Nursing, 2011, 2011, 1-7.	1.2	11
369	Orientación empática de estudiantes de medicina en tres universidades de Barranquilla, Colombia y en una universidad de República Dominicana. Archivos Argentinos De Pediatría, 2014, 112, 41-9.	0.3	21

#	ARTICLE	IF	CITATIONS
370	Comparing Empathy Levels in Doctor of Pharmacy Students and Exemplary Pharmacist Preceptors. American Journal of Pharmaceutical Education, 2020, 84, 7497.	0.7	8
371	Sources and Severity of Perceived Stress Among Iranian Medical Students. Iranian Red Crescent Medical Journal, 2015, 17, e17767.	0.5	32
372	Finding Echoes: An Exploration of Empathy Among Physiotherapists and Physiotherapy Students in Singapore. Proceedings of Singapore Healthcare, 2022, 31, 201010582110485.	0.2	3
373	Cross-Cultural Comparison of Relationships between Empathy and Implicit Theories of Emotions (in) Tj ETQq1 1 0.784314 rgBT /Over 1.0	1.0	1
374	MAPPING SPIRITUAL CARE SERVICE QUALITY IN MARKETIZATION. Australian Journal of Business & Management Research, 2012, 01, 07-18.	0.4	0
375	Professionalism education of OB/GYN resident physicians: What makes a difference?. Open Journal of Obstetrics and Gynecology, 2013, 03, 137-141.	0.1	0
376	Relation of emotional intelligence and empathy among medical students in MuÄŸla SÄ±tkÄ± KoÅŸman University. TÄ¼rkiye Aile HekimliÄyi Dergisi, 2015, 19, 58-66.	0.4	7
379	Parting Thoughts: A Systemic Paradigm of Empathy in Patient Care and Future Directions. , 2016, , 255-274.		0
380	Are Men from Mars and Women from Venus? Bridging the gender learning gap in medical education. Sultan Qaboos University Medical Journal, 2016, 16, e267-269.	0.3	0
381	Measuring medical studentsâ€™ empathy using direct verbal expressions. Korean Journal of Medical Education, 2016, 28, 305-313.	0.6	1
382	Study on Empathy among Undergraduate Students of the Medical Profession in Nepal. Journal of Biosciences and Medicines, 2017, 05, 51-63.	0.1	2
383	Levels of Empathy in Undergraduate Health-Care-Professions Students. International Journal for Human Caring, 2017, 21, 41-45.	0.5	1
384	Depression and suicide among medical students: A comparison study between medical and medical sciences students in Taif University, Taif-KSA. International Journal of Medical Science and Public Health, 2017, , 1.	0.2	3
385	Levels of empathy in dental students at Universidad San SebastiÃ¡n in ConcepciÃ³n, Chile (Chile). Revista Facultad De Medicina, 2017, 65, 219-225.	0.0	4
386	Niveles de empatÃ­a y Ã©tica profesional en candidatos a sub-especialidad mÃ©dica. Revista Colombiana De Ciencias Sociales, 2017, 8, 372.	0.3	1
387	Mental Morbidity among Medical Students in India. Journal of Medical Science and Clinical Research, 2017, 5, .	0.0	3
388	Verbal communication of students with high patientâ€™physician interaction scores in a clinical performance examination assessed by standardized patients. Korean Journal of Medical Education, 2017, 29, 241-251.	0.6	2
389	Nurturing instead of depleting empathy during medical education: a medical studentâ€™s perspective. Korean Journal of Medical Education, 2018, 30, 365-368.	0.6	0

#	ARTICLE	IF	CITATIONS
390	Exploring Creativity in Medical Students: Themes and Media in a Compulsory Humanities Student Selected Component. <i>Creative Education</i> , 2019, 10, 407-422.	0.2	0
391	Empathy in Frontline Employees: The Link between Unemployed and Manpower Employment Organization under Economic Recession. <i>International Journal of Business and Applied Social Science</i> , 2019, 10, .	0.2	0
392	Destek Personellerinin Ėletiyim Becerileri ve Empati D4zeylerinin Belirlenmesi: Kamu Hastanelerinde Bir Uygulama. <i>OPUS Uluslararası Toplum Arařtırmalar Dergisi</i> , 0, , .	0.3	1
393	Preparing Students Emotionally for the Human Dissection Experience. , 2020, , 237-246.		2
394	Escala de atitudes relacionadas Ės competencias odontol3gicas: desenvolvimiento e validaãõ. <i>Revista Da ABENO</i> , 2020, 20, 52-67.	0.0	0
395	Association of Autism Spectrum Disorder and Attention Deficit Hyperactivity Disorder Traits with Depression and Empathy Among Medical Students. <i>Advances in Medical Education and Practice</i> , 2021, Volume 12, 1259-1265.	0.7	6
396	The influence of GLOBE culture dimensions on entrepreneurial orientation in tourism and medical service sectors in Serbia. <i>Geographica Pannonica</i> , 2020, 24, 157-167.	0.5	2
397	Personality traits as a predictor of emotional intelligence among medical students. <i>Journal of Education and Health Promotion</i> , 2020, 9, 354.	0.3	3
398	Religion, health, and questions of meaning. <i>MedGenMed: Medscape General Medicine</i> , 2005, 7, 74.	0.2	3
399	Possible impact of increase in female medical student admissions in Nepal: Findings from a qualitative study among medical undergraduates. <i>Australasian Medical Journal</i> , 2012, 5, 184-93.	0.1	2
400	Comparison of empathy score among medical students in both basic and clinical levels. <i>Journal of Advances in Medical Education and Professionalism</i> , 2014, 2, 88-91.	0.2	26
401	From Hippocrates to the Francis Report–Reflections on empathy. <i>Ulster Medical Journal</i> , 2015, 84, 8-12.	0.2	2
402	Empathy in Iranian medical students: A comparison by age, gender, academic performance and specialty preferences. <i>Medical Journal of the Islamic Republic of Iran</i> , 2016, 30, 439.	0.9	7
403	Linguistic analysis of empathy in medical school admission essays. <i>International Journal of Medical Education</i> , 2020, 11, 186-190.	0.6	0
404	Longitudinal Measurement of Empathy in Student Pharmacists. <i>American Journal of Pharmaceutical Education</i> , 2022, 86, 8752.	0.7	4
405	Challenging the clinically-situated emotion-deficient version of empathy within medicine and medical education research. <i>Social Theory and Health</i> , 2022, 20, 306-324.	1.0	4
406	Depression, anxiety, burnout and empathy among Spanish medical students. <i>PLoS ONE</i> , 2021, 16, e0260359.	1.1	23
408	Linguistic analysis of empathy in medical school admission essays. <i>International Journal of Medical Education</i> , 2020, 11, 186-190.	0.6	2

#	ARTICLE	IF	CITATIONS
409	Medical students' and teachers' attitude: physician or patient-centered?. Revista Brasileira De Educacao Medica, 2021, 45, .	0.0	0
410	Atitude de estudantes e professores de medicina: centrada no mdico ou no paciente?. Revista Brasileira De Educacao Medica, 2021, 45, .	0.0	0
411	The effectiveness of empathy training in health care: a meta-analysis of training content and methods. International Journal of Medical Education, 2022, 13, 1-9.	0.6	2
412	Final-year medical students' self-assessment of facets of competence for beginning residents. BMC Medical Education, 2022, 22, 82.	1.0	3
413	Empathy Assessment Scale. stanbul Kuzey Klinikleri, 2022, , .	0.1	1
414	Reflections in Medical Education: Empathy, Emotions, and Possible Pedagogical Resources for the Emotional Education of Medical Students. , 0, , .		2
416	Customized student inventory for the smooth transition of low achievers to advanced learners. Physiology and Pharmacology, 2021, .	0.1	0
417	The Effect of Education with Simulated Patient on the Empathy Attitudes of Medical Students: An Intervention Study. Konuralp Tip Dergisi, 0, , .	0.1	0
418	SAĞLIK LİANLARINDA  DOYUMU VE EMPATİ K LETİ M DİZEYİNİN DEĞERLENDİRİLMESİ. Tbbi Sosyal H 0, , .	0.2	0
419	In someone else's shoes, are all wearers the same? Empathy in multi-ethnic Asian medical students. Journal of Taibah University Medical Sciences, 2022, 17, 498-505.	0.5	3
420	Relation Between Personality Traits and Academic Performance Among University Students of RAKMHSU, UAE-Using a Big Five Model. Biomedical and Pharmacology Journal, 2021, 14, 2123-2129.	0.2	4
423	Gender differences in response to medical red packets (Hongbao, monetary gifts): a questionnaire study on young doctors in China. BMC Medical Ethics, 2022, 23, 44.	1.0	3
427	Increased medical student understanding of dementia through virtual embodiment. Gerontology and Geriatrics Education, 2023, 44, 211-222.	0.6	5
428	Empathy scores amongst undergraduate medical students and its correlation to their academic performance.. Journal of Advances in Medical Education and Professionalism, 2022, 10, 99-104.	0.2	0
430	Study motivations, specialty preferences, and empathy of dental students in a Nigerian university. Pan African Medical Journal, 0, 41, .	0.3	2
431	Empata en estudiantes de la Facultad de Medicina. Revista De La Facultad De Medicina, 2017, 1, .	0.0	1
432	Empathy in occupational therapy students: a cross-sectional study at a Spanish university. BMJ Open, 2022, 12, e058821.	0.8	3
433	Medical empathy in medical students in Madrid: A proposal for empathy level cut-off points for Spain. PLoS ONE, 2022, 17, e0267172.	1.1	3

#	ARTICLE	IF	CITATIONS
434	A level of empathy and spirituality among undergraduate medical students of a tertiary hospital in Telangana: A cross-sectional study. <i>Telangana Journal of Psychiatry</i> , 2022, 8, 46.	0.0	0
435	A cross-sectional study of student empathy across four medical schools in Denmarkâ€™ associations between empathy level and age, sex, specialty preferences and motivation. <i>BMC Medical Education</i> , 2022, 22, .	1.0	6
436	The role of the emotive, moral, and cognitive components for the prediction of medical studentsâ€™ empathic behavior in an Objective Structured Clinical Examination (OSCE). <i>Patient Education and Counseling</i> , 2022, , .	1.0	0
437	Parental care and depressive symptoms among Chinese medical students: roles of empathy and gender. <i>BMC Medical Education</i> , 2022, 22, .	1.0	5
438	Correlation between medical student empathy and a Korean nationwide comprehensive clinical assessment score at a medical school in Korea. <i>Medicine (United States)</i> , 2022, 101, e29497.	0.4	1
439	Can Distance Communication Skills Training Increase the Empathy Levels in Medical Students? An Application During the Pandemic Period. <i>Journal of Basic and Clinical Health Sciences</i> , 0, , .	0.2	0
441	Humanitarian approach in medicine: A study on clinical empathy among medical students and graduates using the Jefferson Scale of Empathy. <i>The National Medical Journal of India</i> , 0, 35, 100-104.	0.1	2
442	Empathy is not so perfect! -For a descriptive and wide conception of empathy. <i>Medicine, Health Care and Philosophy</i> , 2023, 26, 85-97.	0.9	3
443	Association Between Physician Empathy and Difficult Patient Encounters: a Cross-Sectional Study. <i>Journal of General Internal Medicine</i> , 2023, 38, 1843-1847.	1.3	4
444	The effect of stress coping styles on empathy level in students of medicine: A cross-sectional study. <i>Medicine (United States)</i> , 2022, 101, e32066.	0.4	1
445	Project DABE: Empathy among Spanish Medical Students. <i>Educacion Medica</i> , 2022, 23, 100769.	0.3	1
446	The Effects of an Empathic Communication Workshop on Internal Medicine Residentsâ€™ Self-Perceived Empathy and Their Patientsâ€™ Perception of Physicianâ€™s Empathy: A Single-Group Experimental Study. <i>Medical Journal of the Islamic Republic of Iran</i> , 0, , .	0.9	0
447	A scoping review on the relationship between mental wellbeing and medical professionalism. <i>Medical Education Online</i> , 2023, 28, .	1.1	10
448	The Effectiveness of Empathy Training on Academic Adjustment and Social Happiness in Elementary Students. <i>Iranian Evolutionary Educational Psychology Journal</i> , 2022, 4, 606-615.	0.0	0
449	Using patient storytelling to improve medical studentsâ€™ empathy in Japan: a pre-post study. <i>BMC Medical Education</i> , 2023, 23, .	1.0	4
451	Impact of Experiential Learning of Nutrition Therapy on Medical Students. <i>Medical Science Educator</i> , 0, , .	0.7	0
452	Assessment of psychological variables amongst Indian medical professionals: A cross-sectional study. <i>Medical Journal of Dr D Y Patil Vidyapeeth</i> , 2022, .	0.0	0
453	Eleven years of data on the Jefferson Scale of Empathy â€“ medical student version: Japanese norm data and tentative cutoff scores. <i>BMC Medical Education</i> , 2023, 23, .	1.0	2

#	ARTICLE	IF	CITATIONS
454	Clinical empathy: definition, measurement, correlates, group differences, erosion, enhancement, and healthcare outcomes. , 2023, 2, .		13
455	Categorical Variable Analyses. , 2023, , 171-175.		1