

The Jefferson Scale of Physician Empathy: Development

Educational and Psychological Measurement

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Citation Report

#	ARTICLE	IF	CITATIONS
1	KNITTING. Academic Medicine, 2001, 76, 671.	1.6	4
2	Knowledge Growth in Medical Education. Academic Medicine, 2001, 76, 670.	1.6	1
3	Knowledge Growth in Medical Education. Academic Medicine, 2001, 76, 669-670.	1.6	3
4	Empathy in Medical Education and Patient Care. Academic Medicine, 2001, 76, 669.	1.6	58
5	The Jefferson Scale of Physician Empathy. Academic Medicine, 2002, 77, S58-S60.	1.6	324
6	Assessment of empathy in different years of internal medicine training. Medical Teacher, 2002, 24, 370-373.	1.8	77
7	Empathy in medical students as related to academic performance, clinical competence and gender. Medical Education, 2002, 36, 522-527.	2.1	470
8	Physician empathy in medical education and practice: experience with the Jefferson scale of physician empathy. Seminars in Integrative Medicine, 2003, 1, 25-41.	1.2	114
9	Empathy: An NP/MD Comparison. Nurse Practitioner, 2003, 28, 45-47.	0.3	47
10	Comparisons of Nurses and Physicians on an Operational Measure of Empathy. Evaluation and the Health Professions, 2004, 27, 80-94.	1.9	90
11	Detection of psychological distress in patients with psoriasis: low consensus between dermatologist and patient. British Journal of Dermatology, 2004, 151, 1227-1233.	1.5	116
12	An empirical study of decline in empathy in medical school. Medical Education, 2004, 38, 934-941.	2.1	653
13	Effect of Gender, Age, and Relevant Course Work on Attitudes Toward Empathy, Patient Spirituality, and Physician Wellness. Teaching and Learning in Medicine, 2004, 16, 165-170.	2.1	92
14	The Effects of Physician Empathy on Patient Satisfaction and Compliance. Evaluation and the Health Professions, 2004, 27, 237-251.	1.9	717
15	Empathy in medical students as related to specialty interest, personality, and perceptions of mother and father. Personality and Individual Differences, 2005, 39, 1205-1215.	2.9	98
16	A preliminary study of emotional intelligence, empathy and exam performance in first year medical students. Personality and Individual Differences, 2005, 39, 1395-1405.	2.9	166
17	Measurement of Changes in Empathy During Dental School. Journal of Dental Education, 2005, 69, 338-345.	1.2	189
18	Relationship Between Psychosocial Physician Characteristics and Physician Price Awareness. Journal of Pharmaceutical Marketing and Management, 2005, 17, 51-76.	0.1	1

#	ARTICLE	IF	CITATIONS
19	Factors Affecting Resident Performance: Development of a Theoretical Model and a Focused Literature Review. <i>Academic Medicine</i> , 2005, 80, 376-389.	1.6	51
20	Empathy Scores in Medical School and Ratings of Empathic Behavior in Residency Training 3 Years Later. <i>Journal of Social Psychology</i> , 2005, 145, 663-672.	1.5	149
21	Relationships between scores of the Jefferson Scale of Physician Empathy (JSPE) and the Interpersonal Reactivity Index (IRI). <i>Medical Teacher</i> , 2005, 27, 625-628.	1.8	124
22	Educating for empathy. <i>Journal of General Internal Medicine</i> , 2006, 21, 524-530.	2.6	399
23	Empathy in Patient Care. , 2007, , .		9
24	The Silence of Suffering. <i>Journal of Holistic Nursing</i> , 2007, 25, 195-203.	1.6	12
25	Learning through bodily experience: A possibility to enhance healthcare studentsâ€™ ability to empathize?. <i>Advances in Physiotherapy</i> , 2007, 9, 40-47.	0.2	10
26	The impact of gender stereotypes on the evaluation of general practitionersâ€™ communication skills: An experimental study using transcripts of physicianâ€“patient encounters. <i>Patient Education and Counseling</i> , 2007, 69, 200-205.	2.2	43
27	A systematic review of tests of empathy in medicine. <i>BMC Medical Education</i> , 2007, 7, 24.	2.4	224
28	The Middle of the Road: Results from the Aging Semantic Differential with Four Cohorts of Medical Students. <i>Journal of the American Geriatrics Society</i> , 2007, 55, 1275-1280.	2.6	24
29	A preliminary study of empathy, emotional intelligence and examination performance in MBChB students. <i>Medical Education</i> , 2007, 41, 684-689.	2.1	157
31	Rating Scales for the Assessment of Empathic Communication in Medical Interviews (REM): Scale Development, Reliability, and Validity. <i>Journal of Clinical Psychology in Medical Settings</i> , 2007, 14, 367-375.	1.4	35
32	A Cross-sectional Measurement of Medical Student Empathy. <i>Journal of General Internal Medicine</i> , 2007, 22, 1434-1438.	2.6	390
33	Measurement of empathy in nursing research: systematic review. <i>Journal of Advanced Nursing</i> , 2008, 64, 440-454.	3.3	102
34	The Relationship Between Physicianâ€™Friendliness and Caring, andâ€™Patient Satisfaction. <i>Patient</i> , 2008, 1, 91-96.	2.7	35
35	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.	1.7	47
36	Impact of clinical interview training on the empathy level of medical students and medical residents. <i>Medical Teacher</i> , 2008, 30, 322-324.	1.8	83
37	Personality and specialty interest in medical students. <i>Medical Teacher</i> , 2008, 30, 400-406.	1.8	74

#	ARTICLE	IF	CITATIONS
38	Empathy. American Journal of Hospice and Palliative Medicine, 2008, 25, 261-262.	1.4	2
39	Empathy and competence. Medical Journal of Australia, 2008, 188, 414-416.	1.7	21
40	Physician Empathy in Correctional Facilities: Still in Need of Analysis. AMA Journal of Ethics, 2008, 10, 96-101.	0.7	1
41	Burnout, Psychological Skills, and Empathy: Balint Training in Obstetrics and Gynecology Residents. Journal of Graduate Medical Education, 2009, 1, 231-235.	1.3	99
42	Association of an Educational Program in Mindful Communication With Burnout, Empathy, and Attitudes Among Primary Care Physicians. JAMA - Journal of the American Medical Association, 2009, 302, 1284.	7.4	1,228
43	The Jefferson Scale of Physician Empathy: Preliminary Psychometrics and Group Comparisons in Italian Physicians. Academic Medicine, 2009, 84, 1198-1202.	1.6	132
44	The Devil is in the Third Year: A Longitudinal Study of Erosion of Empathy in Medical School. Academic Medicine, 2009, 84, 1182-1191.	1.6	1,175
45	Measurement of Empathy Among Japanese Medical Students: Psychometrics and Score Differences by Gender and Level of Medical Education. Academic Medicine, 2009, 84, 1192-1197.	1.6	280
46	Reliability and Validity of the Jefferson Scale of Empathy in Undergraduate Nursing Students. Journal of Nursing Measurement, 2009, 17, 73-88.	0.3	139
47	Empirical research on empathy in medicine—A critical review. Patient Education and Counseling, 2009, 76, 307-322.	2.2	227
48	Evaluation of empathy measurement tools in nursing: systematic review. Journal of Advanced Nursing, 2009, 65, 1790-1806.	3.3	118
49	Cultivating Empathy for the Mentally Ill Using Simulated Auditory Hallucinations. Academic Psychiatry, 2009, 33, 457-460.	0.9	65
50	Perspective: Medical School Admissions and Noncognitive Testing: Some Open Questions. Academic Medicine, 2009, 84, 1360-1363.	1.6	14
51	Reports of the Decline of Empathy During Medical Education Are Greatly Exaggerated: A Reexamination of the Research. Academic Medicine, 2010, 85, 588-593.	1.6	193
52	The Schwartz Center Rounds: Evaluation of an Interdisciplinary Approach to Enhancing Patient-Centered Communication, Teamwork, and Provider Support. Academic Medicine, 2010, 85, 1073-1081.	1.6	208
53	Impact of Resident Well-Being and Empathy on Assessments of Faculty Physicians. Journal of General Internal Medicine, 2010, 25, 52-56.	2.6	20
54	Comparing a Self-Administered Measure of Empathy with Observed Behavior Among Medical Students. Journal of General Internal Medicine, 2010, 25, 200-202.	2.6	78
55	Assessing medical students'™ empathy and attitudes towards patient-centered care with an existing clinical performance exam (OSCE). Procedia, Social and Behavioral Sciences, 2010, 2, 1911-1913.	0.5	24

#	ARTICLE	IF	CITATIONS
56	Levels of empathy in undergraduate occupational therapy students. <i>Occupational Therapy International</i> , 2010, 17, 135-141.	0.7	46
57	The relationship between nurses' religiosity and willingness to let patients control the conversation about end-of-life care. <i>Patient Education and Counseling</i> , 2010, 78, 250-255.	2.2	13
58	Termination of pregnancy services: experiences of gynaecological nurses. <i>Journal of Advanced Nursing</i> , 2010, 66, 2245-2256.	3.3	23
59	Ethics, Empathy, and the Education of Dentists. <i>Journal of Dental Education</i> , 2010, 74, 567-578.	1.2	25
60	Increasing Empathy, Knowledge, and Skills Regarding Gestational Diabetes. <i>Topics in Clinical Nutrition</i> , 2010, 25, 250-255.	0.4	6
61	Empathy and its correlates in Iranian physicians: A preliminary psychometric study of the Jefferson Scale of Physician Empathy. <i>Medical Teacher</i> , 2010, 32, e417-e421.	1.8	37
62	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.	1.8	101
63	"Being-in-role": A teaching innovation to enhance empathic communication skills in medical students. <i>Medical Teacher</i> , 2011, 33, e663-e669.	1.8	71
64	The simulation of hallucinations to reduce the stigma of schizophrenia: A systematic review. <i>Schizophrenia Research</i> , 2011, 133, 8-16.	2.0	110
65	Information seeking and social support in online health communities: impact on patients' perceived empathy. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2011, 18, 298-304.	4.4	210
66	Evaluation of Empathic Skills and Tendencies of Medical Students. <i>Academic Psychiatry</i> , 2011, 35, 207-208.	0.9	2
67	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.	1.7	166
68	Artist's Statement: Irresolute Figure. <i>Academic Medicine</i> , 2011, 86, 358.	1.6	0
69	The Empathy Assessment Index (EAI): A Confirmatory Factor Analysis of a Multidimensional Model of Empathy. <i>Journal of the Society for Social Work and Research</i> , 2011, 2, 104-124.	1.3	72
70	Empathy in Korean psychiatric residents. <i>Asia-Pacific Psychiatry</i> , 2011, 3, 83-90.	2.2	14
71	Reducing racial disparities in pain treatment: The role of empathy and perspective-taking. <i>Pain</i> , 2011, 152, 1001-1006.	4.2	214
72	Empathy in senior year and first year medical students: a cross-sectional study. <i>BMC Medical Education</i> , 2011, 11, 52.	2.4	149
73	Psychometric properties and confirmatory factor analysis of the Jefferson Scale of Physician Empathy. <i>BMC Medical Education</i> , 2011, 11, 54.	2.4	89

#	ARTICLE	IF	CITATIONS
74	Measuring Empathy in Pharmacy Students. American Journal of Pharmaceutical Education, 2011, 75, 109.	2.1	94
75	Adversarial growth in telephone counsellors: psychological and environmental influences. British Journal of Guidance and Counselling, 2011, 39, 307-323.	1.2	17
76	Evaluating patient experience in online health communities. Health Care Management Review, 2011, 36, 124-133.	1.4	26
77	Physicians's Empathy and Clinical Outcomes for Diabetic Patients. Academic Medicine, 2011, 86, 359-364.	1.6	883
78	Medical Students's Self-Reported Empathy and Simulated Patients's Assessments of Student Empathy: An Analysis by Gender and Ethnicity. Academic Medicine, 2011, 86, 984-988.	1.6	76
79	Empathic and Sympathetic Orientations Toward Patient Care: Conceptualization, Measurement, and Psychometrics. Academic Medicine, 2011, 86, 989-995.	1.6	75
80	Peer Nominations as Related to Academic Attainment, Empathy, Personality, and Specialty Interest. Academic Medicine, 2011, 86, 747-751.	1.6	31
81	Humanism at Heart: Preserving Empathy in Third-Year Medical Students. Academic Medicine, 2011, 86, 350-358.	1.6	114
82	Improving Empathy and Relational Skills in Otolaryngology Residents. Otolaryngology - Head and Neck Surgery, 2011, 144, 120-122.	1.9	48
83	A comparison of medical students's self-reported empathy with simulated patients's assessments of the students's empathy. Medical Teacher, 2011, 33, 388-391.	1.8	73
84	A study of empathy decline in students from five health disciplines during their first year of training. International Journal of Medical Education, 0, 2, 12-17.	1.2	230
85	Impact of a Workshop About Aging on the Empathy Scores of Pharmacy and Medical Students. American Journal of Pharmaceutical Education, 2012, 76, 9.	2.1	80
86	Empathy Levels in First- and Third-Year Students in Health and Non-Health Disciplines. American Journal of Pharmaceutical Education, 2012, 76, 24.	2.1	59
87	Interprofessional Workshop to Improve Mutual Understanding Between Pharmacy and Medical Students. American Journal of Pharmaceutical Education, 2012, 76, 150.	2.1	35
88	Turkish Adaptation Of The Student Version Of Jefferson Scale Of Physician Empathy. Marmara Medical Journal, 0, , .	0.1	11
89	The Relationship Between Physician Empathy and Disease Complications. Academic Medicine, 2012, 87, 1243-1249.	1.6	410
90	Associations of Medical Student Personality and Health/Wellness Characteristics With Their Medical School Performance Across the Curriculum. Academic Medicine, 2012, 87, 476-485.	1.6	65
91	Does Applicant Personality Influence Multiple Mini-Interview Performance and Medical School Acceptance Offers?. Academic Medicine, 2012, 87, 1250-1259.	1.6	58

#	ARTICLE	IF	CITATIONS
92	Enhancing empathic skills in clinical practice: a linguistic approach. International Journal of Work Organisation and Emotion, 2012, 5, 114.	0.3	3
93	Transformative Learning. Journal of the American Podiatric Medical Association, 2012, 102, 39-46.	0.3	8
94	Characterizing changes in student empathy throughout medical school. Medical Teacher, 2012, 34, 305-311.	1.8	206
95	The effect of a structured empathy course on the students of a medical and a nursing school. International Nursing Review, 2012, 59, 532-538.	3.3	43
97	The Jefferson Scale of Physician Empathy: A preliminary psychometric study and group comparisons in Korean physicians. Medical Teacher, 2012, 34, e464-e468.	1.8	54
98	The Empathy Enigma: An Empirical Study of Decline in Empathy Among Undergraduate Nursing Students. Journal of Professional Nursing, 2012, 28, 34-40.	2.8	253
99	An overview of 19 instruments assessing the doctor-patient relationship: different models or concepts are used. Journal of Clinical Epidemiology, 2012, 65, 10-15.	5.0	98
100	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.	2.4	48
101	Measurement and correlates of empathy among female Japanese physicians. BMC Medical Education, 2012, 12, 48.	2.4	48
102	Brazilian version of the Jefferson Scale of Empathy: psychometric properties and factor analysis. BMC Medical Education, 2012, 12, 73.	2.4	66
103	Empathy Training for Resident Physicians: A Randomized Controlled Trial of a Neuroscience-Informed Curriculum. Journal of General Internal Medicine, 2012, 27, 1280-1286.	2.6	313
104	Dehumanization in Medicine. Perspectives on Psychological Science, 2012, 7, 176-186.	9.0	274
105	Changes of empathy in medical college and medical school students: 1-year follow up study. BMC Medical Education, 2012, 12, 122.	2.4	44
106	Effectiveness of IV Cannulation Skills Laboratory Training and Its Transfer into Clinical Practice: A Randomized, Controlled Trial. PLoS ONE, 2012, 7, e32831.	2.5	63
107	Can Patients Help Teach Professionalism and Empathy to Dental Students? Adding Patient Videos to a Lecture Course. Journal of Dental Education, 2012, 76, 174-184.	1.2	22
108	The effect of an educational programme on attitudes of nurses and medical residents towards the benefits of positive communication and collaboration. Journal of Advanced Nursing, 2012, 68, 293-301.	3.3	62
109	Developing empathy in nursing students: a cohort longitudinal study. Journal of Clinical Nursing, 2012, 21, 2016-2025.	3.0	145
110	An exploration of empathy and correlates among Taiwanese nurses. Japan Journal of Nursing Science, 2012, 9, 169-176.	1.3	22

#	ARTICLE	IF	CITATIONS
111	Does empathy change in first-year dental students?. European Journal of Dental Education, 2012, 16, e111-6.	2.0	38
112	The relation of clinical empathy to secondary traumatic stress. Procedia, Social and Behavioral Sciences, 2012, 33, 438-442.	0.5	18
113	Medical students'™ understanding of empathy: a phenomenological study. Medical Education, 2012, 46, 306-316.	2.1	95
114	Empathy is related to clinical competence in medical care. Medical Education, 2013, 47, 824-831.	2.1	95
115	Response to 'œare personality traits really weak/moderate predictors of empathy? Medical Teacher, 2013, 35, 611-612.	1.8	4
116	Psychostimulant drug abuse and personality factors in medical students. Medical Teacher, 2013, 35, 53-57.	1.8	16
117	Personality types and specialist choices in medical students. Medical Teacher, 2013, 35, 63-68.	1.8	43
119	Psychometric properties of a Chinese version of the Jefferson Scale of Empathy-H&P of medical students. Journal of Psychiatric and Mental Health Nursing, 2013, 20, 866-873.	2.1	51
120	Level of Empathy among Medical Students in Kuwait University, Kuwait. Medical Principles and Practice, 2013, 22, 385-389.	2.4	58
121	Psychometric testing of the Jefferson Scale of Empathy-H&P of medical students' version with Australian paramedic students. Australian Journal of Cancer Nursing, 2013, 15, 45-50.	1.6	28
122	Challenging Medical Students to Confront their Biases: A Case Study Simulation Approach. Medical Science Educator, 2013, 23, 217-224.	1.5	11
123	Personality assessments and outcomes in medical education and the practice of medicine: AMEE Guide No. 79. Medical Teacher, 2013, 35, e1267-e1301.	1.8	104
124	Maintaining empathy in medical education. Medical Teacher, 2013, 35, 977-978.	1.8	7
125	A systematic review of the evidence on service user involvement in interpersonal skills training of mental health students. Journal of Psychiatric and Mental Health Nursing, 2013, 20, 525-540.	2.1	47
126	Dispositional empathy with nature. Journal of Environmental Psychology, 2013, 35, 92-104.	5.1	169
127	A comprehensive model for optimizing empathy in person-centered care. Patient Education and Counseling, 2013, 93, 209-215.	2.2	41
128	A Medical Student Elective Promoting Humanism, Communication Skills, Complementary and Alternative Medicine and Physician Self-Care: An Evaluation of the HEART Program. Explore: the Journal of Science and Healing, 2013, 9, 292-298.	1.0	18
129	Empathy in Iranian medical students: Measurement model of the Jefferson Scale of Empathy. Medical Teacher, 2013, 35, e913-e918.	1.8	77

#	ARTICLE	IF	CITATIONS
130	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.	3.3	41
131	Compassion as the foundation of patient-centered care: the importance of compassion in action. <i>Journal of Comparative Effectiveness Research</i> , 2013, 2, 443-455.	1.4	60
132	Validation of an Empathy Scale in Pharmacy and Nursing Students. <i>American Journal of Pharmaceutical Education</i> , 2013, 77, 94.	2.1	74
133	Maintaining empathy in medical school: It is possible. <i>Medical Teacher</i> , 2013, 35, 1002-1008.	1.8	84
134	Empathy as Related to Motivations for Medicine in a Sample of First-Year Medical Students. <i>Psychological Reports</i> , 2013, 112, 73-88.	1.7	15
135	Changes in empathy among first year medical students before and after a medical humanities module. <i>Education in Medicine Journal</i> , 2013, 5, .	0.4	6
136	Enhancing and sustaining empathy in medical students. <i>Medical Teacher</i> , 2013, 35, 996-1001.	1.8	106
137	The Impact of an Innovative Mindfulness-Based Stress Reduction Program on the Health and Well-Being of Nurses Employed in a Corporate Setting. <i>Journal of Workplace Behavioral Health</i> , 2013, 28, 107-133.	1.4	204
139	Attitude Adjustment. <i>Academic Medicine</i> , 2013, 88, 1630-1634.	1.6	21
140	How to manage "difficult" patients: the primacy of trust. <i>JDDG - Journal of the German Society of Dermatology</i> , 2013, 11, 455-458.	0.8	0
141	Evaluación de los niveles de orientación empática en estudiantes de odontología de la Universidad Finis Terrae de Santiago, Chile. <i>Revista Clínica De Periodoncia Implantología Y Rehabilitación Oral</i> , 2013, 6, 130-133.	0.1	5
142	Correlates and Changes in Empathy and Attitudes Toward Interprofessional Collaboration in Osteopathic Medical Students. <i>Journal of Osteopathic Medicine</i> , 2013, 113, 898-907.	0.8	45
143	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.	2.0	35
144	The ethology of empathy: a taxonomy of real-world targets of need and their effect on observers. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 488.	2.0	13
145	Empathy levels among first year Malaysian medical students: an observational study. <i>Advances in Medical Education and Practice</i> , 2014, 5, 149.	1.5	19
146	Empathy levels among health professional students: a cross-sectional study at two universities in Australia. <i>Advances in Medical Education and Practice</i> , 2014, 5, 107.	1.5	67
147	An exploration of changes in cognitive and emotional empathy among medical students in the Caribbean. <i>International Journal of Medical Education</i> , 2014, 5, 185-192.	1.2	64
148	Empathy and Role Lettering Education among Nursing Students: Differences Related to the Imagination Activities and Variety of Descriptions. <i>Nihon Kango Kagakkai Shi = Journal of Japan Academy of Nursing Science</i> , 2014, 34, 180-188.	0.1	0

#	ARTICLE	IF	CITATIONS
149	Critical Thinking and Reflection on Community Service for a Medical Biochemistry Course Raise Students'™ Empathy, Patient-Centered Orientation, and Examination Scores. Medical Science Educator, 2014, 24, 279-290.	1.5	13
150	Quality of life ratings in dementia care – a cross-sectional study to identify factors associated with proxy-ratings. Health and Quality of Life Outcomes, 2014, 12, 177.	2.4	34
151	Empathy in Undergraduate Medical Students of Bangladesh: Psychometric Analysis and Differences by Gender, Academic Year, and Specialty Preferences. , 2014, 2014, 1-7.		36
152	Empathy among Medical Students: Is There a Relation with Quality of Life and Burnout?. PLoS ONE, 2014, 9, e94133.	2.5	151
153	Assessments of empathy in medical school admissions: what additional evidence is needed?. International Journal of Medical Education, 2014, 5, 7-10.	1.2	47
154	Measurement properties and confirmatory factor analysis of the Jefferson Scale of Empathy in Italian medical students. Perspectives on Medical Education, 2022, 3, 419-430.	3.5	32
155	Interventions to cultivate physician empathy: a systematic review. BMC Medical Education, 2014, 14, 219.	2.4	238
156	A Patient-Led Educational Program on Tourette Syndrome: Impact and Implications for Patient-Centered Medical Education. Teaching and Learning in Medicine, 2014, 26, 34-39.	2.1	11
157	Intervention to Promote Physician Well-being, Job Satisfaction, and Professionalism. JAMA Internal Medicine, 2014, 174, 527.	5.1	559
158	Residents'™ and standardized patients'™ perspectives on empathy: Issues of agreement. Patient Education and Counseling, 2014, 96, 22-28.	2.2	30
159	The Role of Mindfulness and Loving-Kindness Meditation in Cultivating Self-Compassion and Other-Focused Concern in Health Care Professionals. Mindfulness, 2014, 5, 129-138.	2.8	168
160	To be or not to be empathic: the combined role of empathic concern and perspective taking in understanding burnout in general practice. BMC Family Practice, 2014, 15, 15.	2.9	189
161	Dissonant role perception and paradoxical adjustments: an exploratory study on Medical Residents'™ collaboration with Senior Doctors and Head Nurses. Advances in Health Sciences Education, 2014, 19, 311-327.	3.3	10
163	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.	0.9	26
164	Evidence of declining empathy in third year osteopathic medical students. International Journal of Osteopathic Medicine, 2014, 17, 22-27.	1.0	10
165	The Impact of Simulated Medical Consultations on the Empathy Levels of Students at One Medical School. Academic Medicine, 2014, 89, 632-637.	1.6	70
166	EmpatÃa segÃn la escala de Jefferson en estudiantes de Medicina y EnfermerÃa en Venezuela. InvestigaciÃn En EducaciÃn MÃdica, 2015, 4, 223-228.	0.2	10
167	Standardized Patient Assessment of Medical Student Empathy. Academic Medicine, 2015, 90, 105-111.	1.6	91

#	ARTICLE	IF	CITATIONS
169	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.	1.6	35
170	Systematic review protocol of interventions to improve the psychological well-being of general practitioners. <i>Systematic Reviews</i> , 2015, 4, 117.	5.3	7
171	Student empathy levels across 12 medical and health professions: an interventional study. <i>Journal of Compassionate Health Care</i> , 2015, 2, .	1.2	30
172	Impact of an Aging Simulation Game on Pharmacy Studentsâ€™ Empathy for Older Adults. <i>American Journal of Pharmaceutical Education</i> , 2015, 79, 65.	2.1	80
173	Assessment of Korean Pharmacy Studentsâ€™ Empathy Using the Jefferson Scale of Empathy. <i>American Journal of Pharmaceutical Education</i> , 2015, 79, 67.	2.1	24
174	Empathy Between Physician Assistant Students and Standardized Patients. <i>Journal of Physician Assistant Education</i> , 2015, 26, 94-98.	0.5	21
175	Training a Spinal Cord Injury Rehabilitation Team in Motivational Interviewing. <i>Rehabilitation Research and Practice</i> , 2015, 2015, 1-7.	0.6	7
176	Measurement of Empathy Changes During a Physical Therapistâ€™s Education and Beyond. <i>Journal, Physical Therapy Education</i> , 2015, 29, 6-12.	0.7	10
177	Educational Research Report: Changes in Students' Levels of Empathy during the Didactic Portion of a Veterinary Program. <i>Journal of Veterinary Medical Education</i> , 2015, 42, 194-205.	0.6	25
178	Empathy in Korean medical students: Findings from a nationwide survey. <i>Medical Teacher</i> , 2015, 37, 943-948.	1.8	52
179	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.	2.1	7
180	Empathetic attitudes of undergraduate paramedic and nursing students towards four medical conditions: A three-year longitudinal study. <i>Nurse Education Today</i> , 2015, 35, e14-e18.	3.3	26
181	Understanding Listening Competency: A Systematic Review of Research Scales. <i>International Journal of Listening</i> , 2015, 29, 148-176.	0.8	18
182	Underlying construct of empathy, optimism, and burnout in medical students. <i>International Journal of Medical Education</i> , 2015, 6, 12-16.	1.2	115
183	Relationship Between Empathy and Well-Being Among Emergency Nurses. <i>Journal of Emergency Nursing</i> , 2015, 41, 323-328.	1.0	52
184	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.	2.4	98
186	Understanding empathy: why phenomenology and hermeneutics can help medical education and practice. <i>Medicine, Health Care and Philosophy</i> , 2015, 18, 541-552.	1.8	34
187	Assessing Empathy and Self-Efficacy Levels of Pharmacy Students in an Elective Diabetes Management Course. <i>American Journal of Pharmaceutical Education</i> , 2015, 79, 42.	2.1	31

#	ARTICLE	IF	CITATIONS
188	Adaptation and development of the Empathy Assessment Index (EAI). International Journal of Comparative and Applied Criminal Justice, 2015, 39, 239-255.	0.9	7
189	A Randomized Prospective Study on Outcomes of an Empathy Intervention among Second-year Student Pharmacists. American Journal of Pharmaceutical Education, 2015, 79, 18.	2.1	39
190	The link between perception of clinical empathy and nonverbal behavior: The effect of a doctor's gaze and body orientation. Patient Education and Counseling, 2015, 98, 1260-1265.	2.2	42
191	Externalizing the Private Experience of Pain: A Role for Co-Speech Gestures in Pain Communication?. Health Communication, 2015, 30, 70-80.	3.1	10
192	Impact of the Geriatric Medication Game® on nursing students' empathy and attitudes toward older adults. Nurse Education Today, 2015, 35, 38-43.	3.3	92
193	Effect of a Person-Centered Course on the Empathic Ability of Dental Students. Journal of Dental Education, 2016, 80, 1337-1348.	1.2	24
194	Student-centered tutoring as a model for patient-centeredness and empathy. Advances in Medical Education and Practice, 2016, Volume 7, 423-428.	1.5	12
196	A psychometric appraisal of the Jefferson Scale of Empathy using law students. Psychology Research and Behavior Management, 2016, Volume 9, 171-178.	2.8	5
197	Investigating the psychometric properties of the Jefferson Scale of Physician Empathy in a sample of Malaysian medical students. Advances in Medical Education and Practice, 2016, 7, 331.	1.5	7
198	Cognitive, Behavioral and Emotional Empathy in Pharmacy Students: Targeting Programs for Curriculum Modification. Frontiers in Pharmacology, 2016, 7, 96.	3.5	37
199	Empathy Is a Protective Factor of Burnout in Physicians: New Neuro-Phenomenological Hypotheses Regarding Empathy and Sympathy in Care Relationship. Frontiers in Psychology, 2016, 7, 763.	2.1	141
200	Cross-Validation of the Spanish HP-Version of the Jefferson Scale of Empathy Confirmed with Some Cross-Cultural Differences. Frontiers in Psychology, 2016, 7, 1002.	2.1	44
201	Association between job strain, mental health and empathy among intensive care nurses. Nursing in Critical Care, 2016, 21, 137-145.	2.3	24
202	The Empathy Enigma. Nurse Educator, 2016, 41, 134-138.	1.1	37
203	The effects of a voice hearing simulation on implicit fear of voices. Journal of Contextual Behavioral Science, 2016, 5, 154-159.	2.6	7
204	Psychometric properties of the Spanish version of the Jefferson Scale of Empathy: making sense of the total score through a second order confirmatory factor analysis. BMC Medical Education, 2016, 16, 242.	2.4	31
205	Personal profile of medical students selected through a knowledge-based exam only: are we missing suitable students?. Medical Education Online, 2016, 21, 29705.	2.6	22
206	A life history intervention for individuals with dementia: a randomised controlled trial examining nursing staff empathy, perceived patient personhood and aggressive behaviours. Ageing and Society, 2016, 36, 2061-2089.	1.7	15

#	ARTICLE	IF	CITATIONS
207	Measuring Moral Courage for Interns and Residents: Scale Development and Initial Psychometrics. Academic Medicine, 2016, 91, 1431-1438.	1.6	23
208	Empathy, sympathy and compassion in healthcare: Is there a problem? Is there a difference? Does it matter?. Journal of the Royal Society of Medicine, 2016, 109, 446-452.	2.0	140
209	Association Between Learning Environment Interventions and Medical Student Well-being. JAMA - Journal of the American Medical Association, 2016, 316, 2237.	7.4	157
210	Does emergency physician empathy reduce thoughts of litigation? A randomised trial. Emergency Medicine Journal, 2016, 33, 548-552.	1.0	25
211	Teaching Health Care Professionals. , 2016, , 391-407.		2
212	In user's shoes: An experimental design on the role of perspective taking in discovering entrepreneurial opportunities. Journal of Business Venturing, 2016, 31, 287-301.	6.3	61
213	Detached concern?: Emotional socialization in twenty-first century medical education. Social Science and Medicine, 2016, 160, 94-101.	3.8	92
214	The effect of an elective psychiatry course on pharmacy student empathy. Currents in Pharmacy Teaching and Learning, 2016, 8, 565-571.	1.0	7
215	Empathy in health professional students: A comparative cross-sectional study. Nurse Education Today, 2016, 41, 1-5.	3.3	82
216	Making space for empathy: supporting doctors in the emotional labour of clinical care. BMC Medical Ethics, 2016, 17, 8.	2.4	107
217	Empathy in Health Professions Education and Patient Care. , 2016, , .		169
218	Clarifying empathy: the first step to more humane clinical care. British Journal of General Practice, 2016, 66, e143-e145.	1.4	23
219	Empathy and Gender: Are Men and Women Complementary or Opposite Sexes?. , 2016, , 169-187.		1
220	The Association Between Physician Empathy and Variation in Imaging Use. Academic Emergency Medicine, 2016, 23, 895-904.	1.8	10
221	The Jefferson Scale of Empathy. , 2016, , 83-128.		10
222	Family Physician Communication, Quality of Care and the use of Computer in the Consultation â€” The Patient's Perspective. Procedia Computer Science, 2016, 100, 594-601.	2.0	1
223	Assessment of professionalism and progress in the development of a professional identity. , 2016, , 155-168.		6
224	Assessing empathy development in medical education: a systematic review. Medical Education, 2016, 50, 300-310.	2.1	175

#	ARTICLE	IF	CITATIONS
225	Student self-reported communication skills, knowledge and confidence across standardised patient, virtual and traditional clinical learning environments. BMC Medical Education, 2016, 16, 73.	2.4	91
226	Medical student empathy: interpersonal distinctions and correlates. Advances in Health Sciences Education, 2016, 21, 1009-1022.	3.3	10
227	Reflective Writing for Medical Students on the Surgical Clerkship: Oxymoron or Antidote?. Journal of Surgical Education, 2016, 73, 296-304.	2.5	23
228	Outcomes of MBSR or MBSR-based interventions in health care providers: A systematic review with a focus on empathy and emotional competencies. Complementary Therapies in Medicine, 2016, 24, 19-28.	2.7	182
229	Mindfulness-based stress reduction for GPs: results of a controlled mixed methods pilot study in Dutch primary care. British Journal of General Practice, 2016, 66, e99-e105.	1.4	57
230	Empathy levels in undergraduate paramedic students: A three-year longitudinal study. Nurse Education in Practice, 2016, 16, 86-90.	2.6	26
231	Development of a metacognitive effort construct of empathy during clinical training: a longitudinal study of the factor structure of the Jefferson Scale of Empathy. Advances in Health Sciences Education, 2016, 21, 5-17.	3.3	40
232	Psychometrics and Assessment of an Empathy Distance Gradient. Journal of Psychoeducational Assessment, 2017, 35, 377-390.	1.5	6
233	The effects of mindfulness-based interventions for health and social care undergraduate students â€œ a systematic review of the literature. Psychology, Health and Medicine, 2017, 22, 851-865.	2.4	62
234	Empathizing with patients: the role of interaction and narratives in providing better patient care. Medicine, Health Care and Philosophy, 2017, 20, 237-248.	1.8	31
235	Use of empathy in psychiatric practice: Constructivist grounded theory study. BJPsych Open, 2017, 3, 26-33.	0.7	14
236	Challenging some assumptions about empathy. Clinical Teacher, 2017, 14, 437-440.	0.8	11
237	Improving Handoffs Curricula: Instructional Techniques From Cognitive Load Theory. Academic Medicine, 2017, 92, 719-719.	1.6	2
238	Associations Between Physician Empathy, Physician Characteristics, and Standardized Measures of Patient Experience. Academic Medicine, 2017, 92, 1464-1471.	1.6	85
239	Why teaching empathy is important for the medical degree. Revista Clínica Espanõla, 2017, 217, 332-335.	0.5	7
240	Impact of a fictional reading intervention on empathy development in student pharmacists. Currents in Pharmacy Teaching and Learning, 2017, 9, 498-503.	1.0	6
241	International study of medical school learning environments and their relationship with student well-being and empathy. Medical Education, 2017, 51, 280-289.	2.1	43
242	Â¿Por quÉ es importante la enseña de la empat໚ en el Grado de Medicina?. Revista Clinica Espanola, 2017, 217, 332-335.	0.6	10

#	ARTICLE	IF	CITATIONS
243	Challenges faced by physicians when discussing the Type 2 diabetes diagnosis with patients: insights from a cross-national study (IntroDia [®]). Diabetic Medicine, 2017, 34, 1100-1107.	2.3	13
244	Trainee Wellness: Why It Matters, and How to Promote It. Annals of the American Thoracic Society, 2017, 14, 505-512.	3.2	29
245	Can narrative medicine education contribute to the delivery of compassionate care? A review of the literature. Medical Humanities, 2017, 43, 199-203.	1.2	44
246	Feedback for Learners in Medical Education: What Is Known? A Scoping Review. Academic Medicine, 2017, 92, 1346-1354.	1.6	150
247	Mindful Communication: Being Present. Seminars in Oncology Nursing, 2017, 33, 475-482.	1.5	17
248	Self-in-Self, Mind-in-Mind, Heart-in-Heart: The Future of Role-Taking, Perspective Taking, and Empathy. Advances in Group Processes, 2017, , 151-174.	0.2	13
249	The case for empathy. Cancer Cytopathology, 2017, 125, 589-590.	2.4	0
250	The complexity of empathy during medical school training: evidence for positive changes. Medical Education, 2017, 51, 1146-1159.	2.1	102
251	Efficacy of empathy training in nursing students: A quasi-experimental study. Nurse Education Today, 2017, 59, 59-65.	3.3	80
252	Evaluating the Relationship Between Participation in Student-Run Free Clinics and Changes in Empathy in Medical Students. Journal of Primary Care and Community Health, 2017, 8, 122-126.	2.1	33
253	Patient Perceptions of Clinician's Empathy. Journal of Patient Experience, 2017, 4, 78-83.	0.9	57
254	How do we enhance undergraduate healthcare education in dementia? A review of the role of innovative approaches and development of the Time for Dementia Programme. International Journal of Geriatric Psychiatry, 2017, 32, 68-75.	2.7	52
255	Medical school selection criteria as predictors of medical student empathy: a cross-sectional study of medical students, Ireland. BMJ Open, 2017, 7, e016076.	1.9	10
256	Empathy revisited. Clinical Teacher, 2017, 14, 383-384.	0.8	0
257	Enhancing Student Empathetic Engagement, History-Taking, and Communication Skills During Electronic Medical Record Use in Patient Care. Academic Medicine, 2017, 92, 1022-1027.	1.6	23
258	Effects of Mindfulness-Based Stress Reduction on the Mental Health of Clinical Clerkship Students: A Cluster-Randomized Controlled Trial. Academic Medicine, 2017, 92, 1012-1021.	1.6	56
259	Examining the relationship between burnout and empathy in healthcare professionals: A systematic review. Burnout Research, 2017, 6, 18-29.	4.5	274
260	Empathy is Associated with Meaning of Life and Mental Health Treatment but not Religiosity Among Brazilian Medical Students. Journal of Religion and Health, 2017, 56, 1003-1017.	1.7	18

#	ARTICLE	IF	CITATIONS
261	Project on the Good Physician: A Proposal for a Moral Intuitionist Model of Virtuous Caring. Teaching and Learning in Medicine, 2017, 29, 75-84.	2.1	16
262	Identifying Noncognitive Skills That Contribute to Dental Studentsâ€™ Success: Dental Faculty Perspectives. Journal of Dental Education, 2017, 81, 300-309.	1.2	14
263	Human Connections and Their Roles in the Occupational Well-being of Healthcare Professionals: A Study on Loneliness and Empathy. Frontiers in Psychology, 2017, 8, 1475.	2.1	46
264	Measuring Multidimensional Empathy: Theoretical and Practical Considerations for Osteopathic Medical Researchers. Journal of Osteopathic Medicine, 2017, 117, 697-704.	0.8	4
265	Empathy Levels in Medical Students: Do They Really Change Over Time?. , 0, , .		6
266	Development and validation of the Empathy Scale in Patient Care: Chinese version. Social Behavior and Personality, 2017, 45, 1271-1280.	0.6	2
267	Changes in empathy during Medical Education: An example from Turkey. Pakistan Journal of Medical Sciences, 2017, 33, 1177-1181.	0.6	17
268	Culturing the Empathic Health Professional: Challenges and Opportunities. Healthcare Transformation, 2017, 2, 71-83.	0.4	5
269	The role of empathy and emotional intelligence in nursesâ€™ communication attitudes using regression models and fuzzyâ€™set qualitative comparative analysis models. Journal of Clinical Nursing, 2018, 27, 2661-2672.	3.0	34
270	Communication skills training and the conceptual structure of empathy among medical students. Perspectives on Medical Education, 2022, 7, 264-271.	3.5	22
271	Developing Empathy: Does Experience Through Simulation Improve Medical-Student Empathy?. Medical Science Educator, 2018, 28, 31-36.	1.5	11
272	Exploring patient-centeredness: The relationship between self-reported empathy and patient-centered communication in medical trainees. Patient Education and Counseling, 2018, 101, 1143-1146.	2.2	25
273	Online health communities: how do community members build the trust required to adopt information and form close relationships?. European Journal of Information Systems, 2018, 27, 62-89.	9.2	64
274	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
275	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.	1.4	4
276	Mindfulness-Based Stress Reduction for Residents: A Randomized Controlled Trial. Journal of General Internal Medicine, 2018, 33, 429-436.	2.6	74
277	Enhancing second-order empathy in medical practice by supplementing patientsâ€™ narratives with certainties. BMC Medical Education, 2018, 18, 35.	2.4	9
278	Measuring empathy in undergraduate law students: Examining the factorial validity of the Jefferson Scale of Empathy - Law Students (JSE-LS). International Journal of Law and Psychiatry, 2018, 58, 143-149.	0.9	2

#	ARTICLE	IF	CITATIONS
279	How to clarify the aims of empathy in medicine. <i>Medicine, Health Care and Philosophy</i> , 2018, 21, 569-582.	1.8	8
280	The Development of a Listening Scale. <i>Research on Social Work Practice</i> , 2018, 28, 973-980.	1.9	0
281	Developing the Good Physician: Spirituality affects the development of virtues and moral intuitions in medical students. <i>Journal of Positive Psychology</i> , 2018, 13, 143-154.	4.0	6
282	Reflexiones sobre la deshumanizaci3n de la educaci3n m3dica: empat3a, emociones y posibles recursos pedag3gicos para la educaci3n afectiva del estudiante de medicina. <i>Educacion Medica</i> , 2018, 19, 172-177.	0.3	13
283	Impact of Empathy in the Patient-Doctor Relationship on Chronic Pain Relief and Quality of Life: A Prospective Study in Spanish Pain Clinics. <i>Pain Medicine</i> , 2018, 19, 1304-1314.	1.9	39
284	A Review of Empathy, Its Importance, and Its Teaching in Surgical Training. <i>Journal of Surgical Education</i> , 2018, 75, 88-94.	2.5	65
285	Making a difference in medical trainees' attitudes toward Latino patients: A pilot study of an intervention to modify implicit and explicit attitudes. <i>Social Science and Medicine</i> , 2018, 199, 202-208.	3.8	43
286	Development of the Multi-Dimensional Analysis of Patient Outcome Predictions (MD.POP) during medical encounters. <i>Patient Education and Counseling</i> , 2018, 101, 52-58.	2.2	2
287	Education in Pediatrics Across the Continuum (EPAC): First Steps Toward Realizing the Dream of Competency-Based Education. <i>Academic Medicine</i> , 2018, 93, 414-420.	1.6	74
288	Assessing an Intervention Focused on Enhancing Interpersonal Communication Skills and Humor: A Multi-Method Quasi-Experiential Study Among Medical Students. <i>Health Communication</i> , 2018, 33, 1560-1572.	3.1	15
289	Burnout in Nurses Working With Youth With Chronic Pain: A Mixed-Methods Analysis. <i>Journal of Pediatric Psychology</i> , 2018, 43, 369-381.	2.1	9
290	Interventions to improve employee health and well-being within health care organizations: A systematic review. <i>Journal of Healthcare Risk Management: the Journal of the American Society for Healthcare Risk Management</i> , 2018, 37, 25-51.	0.7	10
291	Empathy and burnout in Slovenian family medicine doctors: The first presentation of jefferson scale of empathy results. <i>Zdravstveno Varstvo</i> , 2018, 57, 155-165.	0.9	15
292	Compassionate care intervention for hospital nursing teams caring for older people: a pilot cluster randomised controlled trial. <i>BMJ Open</i> , 2018, 8, e018563.	1.9	15
293	Eliciting clinical empathy via transmission of patient-specific symptoms of Parkinson's disease. <i>Cogent Psychology</i> , 2018, 5, 1526459.	1.3	3
294	Mediating Effects of Patients' Stigma and Self-Efficacy on Relationships Between Doctors' Empathy Abilities and Patients' Cellular Immunity in Male Breast Cancer Patients. <i>Medical Science Monitor</i> , 2018, 24, 3978-3986.	1.1	9
295	Gender differences in the perception of quality of life during internal medicine training: a qualitative and quantitative analysis. <i>BMC Medical Education</i> , 2018, 18, 281.	2.4	18
296	A Comparison of Stress Perception in International and Local First Semester Medical Students Using Psychometric, Psychophysiological, and Humoral Methods. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2820.	2.6	7

#	ARTICLE	IF	CITATIONS
297	Factors associated with Nurses' Moral Sensitivity. Journal of Korean Academy of Psychiatric and Mental Health Nursing, 2018, 27, 199.	0.3	8
299	Developing a novel framework for non-technical skills learning strategies for undergraduates: A systematic review. Annals of Medicine and Surgery, 2018, 36, 29-40.	1.1	34
300	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.	2.4	25
301	Patient-centered care must be measured through patient-centered means. Patient Preference and Adherence, 2018, Volume 12, 1897-1899.	1.8	0
302	Empathy in Chinese eight-year medical program students: differences by school year, educational stage, and future career preference. BMC Medical Education, 2018, 18, 241.	2.4	30
303	Influence of oncology nurses' empathy on lung cancer patients' cellular immunity. Psychology Research and Behavior Management, 2018, Volume 11, 279-287.	2.8	30
305	Cultural empathy in midwifery students: Assessment of an education program. Nurse Education Today, 2018, 70, 103-108.	3.3	6
307	The Jefferson Scale of Empathy: a nationwide study of measurement properties, underlying components, latent variable structure, and national norms in medical students. Advances in Health Sciences Education, 2018, 23, 899-920.	3.3	133
308	Pediatric Integrative Medicine in Residency Program: Relationship between Lifestyle Behaviors and Burnout and Wellbeing Measures in First-Year Residents. Children, 2018, 5, 54.	1.5	13
309	Empathy Variation in General Practice: A Survey among General Practitioners in Denmark. International Journal of Environmental Research and Public Health, 2018, 15, 433.	2.6	17
310	Does narrative medicine education improve nursing students' empathic abilities and academic achievement? A randomised controlled trial. Journal of International Medical Research, 2018, 46, 3306-3317.	1.0	38
311	Adapting a perinatal empathic training method from South Africa to Germany. Pilot and Feasibility Studies, 2018, 4, 101.	1.2	5
312	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. Patient Preference and Adherence, 2018, Volume 12, 1305-1314.	1.8	37
313	Physicians' self-assessed empathy levels do not correlate with patients' assessments. PLoS ONE, 2018, 13, e0198488.	2.5	49
315	Empathy present and future. Journal of Social Psychology, 2019, 159, 225-243.	1.5	170
317	Emergency physician empathy does not explain variation in admission rates. American Journal of Emergency Medicine, 2019, 37, 767-768.	1.6	0
318	Empathy levels among nursing students: A comparative cross-sectional study. Nursing Open, 2019, 6, 983-989.	2.4	28
319	Empathy in Medicine National Norms for the Jefferson Scale of Empathy: A Nationwide Project in Osteopathic Medical Education and Empathy (POMEE). Journal of Osteopathic Medicine, 2019, 119, 520-532.	0.8	14

#	ARTICLE	IF	CITATIONS
321	<p>Cross-cultural adaptation and validation of the Jefferson Scale of Patientâ€™s Perceptions of Physician Empathy (JSPPE) for the Portuguese population</p>. Patient Preference and Adherence, 2019, Volume 13, 1145-1152.	1.8	5
322	Empathy and Efficiency in Healthcare at Times of Austerity. Health Care Analysis, 2019, 27, 171-184.	2.2	31
323	Investigating the relation between self-assessment and patientsâ€™ assessments of physicians-in-training empathy: a multicentric, observational, cross-sectional study in three teaching hospitals in Brazil. BMJ Open, 2019, 9, e029356.	1.9	18
324	Teaching empathy to nursing students: A randomised controlled trial. Nurse Education Today, 2019, 80, 40-51.	3.3	38
326	Validation to the Spanish of the Jefferson empathy scale health professions students version and its psychometric properties in nursing students. Nurse Education in Practice, 2019, 40, 102629.	2.6	12
327	Performance Analysis of Unimodal and Multimodal Models in Valence-Based Empathy Recognition. , 2019, , .		2
328	Evaluaci3n de los niveles de empat3a m3dica en m3dicos residentes de un hospital general en Per3. Educacion Medica, 2019, 20, 59-66.	0.3	0
329	Studentsâ€™ patient-centered-care attitudes: The contribution of self-efficacy, communication, and empathy. Patient Education and Counseling, 2019, 102, 2031-2037.	2.2	24
330	When Your Doctor â€œGets Itâ€ and â€œGets Youâ€: The Critical Role of Competence and Warmth in the Patientâ€“Provider Interaction. Frontiers in Psychiatry, 2019, 10, 475.	2.6	52
331	Impact of a mindfulness-based intervention on undergraduate pharmacy students' stress and distress: Quantitative results of a mixed-methods study. Currents in Pharmacy Teaching and Learning, 2019, 11, 876-887.	1.0	19
332	Attitudes toward substance misusing pregnant women following a specialist education programme: An exploratory case study. Midwifery, 2019, 76, 45-53.	2.3	2
333	Empathy in dental care â€“ the role of vicarious trauma. International Dental Journal, 2019, 69, 348-353.	2.6	6
334	An online mindfulness-based intervention for undergraduate pharmacy students: Results of a mixed-methods feasibility study. Currents in Pharmacy Teaching and Learning, 2019, 11, 858-875.	1.0	26
335	Does empathy change during undergraduate medical education? â€“ A meta-analysis*. Medical Teacher, 2019, 41, 895-904.	1.8	41
336	Teacher Empathy: A Model of Empathy for Teaching for Student Success. College Teaching, 2019, 67, 160-168.	0.6	65
337	The Relationship Between Self-Esteem, Emotional Intelligence, and Empathy Among Students From Six Health Professional Programs. Teaching and Learning in Medicine, 2019, 31, 536-543.	2.1	42
338	Niveles de empat3a en estudiantes de medicina de C3rdoba, Argentina. Archivos Argentinos De Pediatria, 2019, 117, .	0.2	3
339	â€˜Itâ€™s a powerful messageâ€™: a qualitative study of Australian healthcare professionalsâ€™ perceptions of asthma through the medium of drawings. BMJ Open, 2019, 9, e027699.	1.9	8

#	ARTICLE	IF	CITATIONS
340	ICU nurses feel unprepared to care for patients with mental illness: A survey of nurses's attitudes, knowledge, and skills. Intensive and Critical Care Nursing, 2019, 53, 37-42.	2.9	27
341	Measuring perspective taking among police recruits. Policing, 2019, 42, 725-738.	1.2	6
342	Effect of a 2-day communication skills training on nursing and midwifery students's empathy: a randomised controlled trial. BMJ Open, 2019, 9, e023666.	1.9	20
343	Do empathic osteopaths achieve better clinical results? An observational feasibility study. International Journal of Osteopathic Medicine, 2019, 32, 2-6.	1.0	3
344	Changes in Students's Empathy During Their Training. , 2019, , 185-215.		2
345	Empathy in medical students of Córdoba, Argentina. Archivos Argentinos De Pediatría, 2019, 117, 81-86.	0.2	8
346	Effects of an Educational Film About Body Donors on Students' Empathy and Anxiety Levels in Gross Anatomy. Anatomical Sciences Education, 2019, 12, 386-398.	3.7	15
347	Teaching Empathy in Healthcare. , 2019, , .		3
348	A night on call or an overnight shift does not reduce residents's empathy: a randomized crossover multicenter survey. BMC Medical Education, 2019, 19, 391.	2.4	0
349	Psychometric properties of the Jefferson Scale of Empathy: a COSMIN systematic review protocol. Systematic Reviews, 2019, 8, 319.	5.3	4
350	2019 AOA Research Abstracts and Poster Competition. Journal of Osteopathic Medicine, 2019, 119, 46-143.	0.8	0
351	Empathy among dental students in a Nigerian institution. European Journal of Dental Education, 2019, 23, 135-142.	2.0	13
352	Associations among student conflict management style and attitudes toward empathy. Currents in Pharmacy Teaching and Learning, 2019, 11, 25-32.	1.0	12
353	Associations between motivational factors for studying medicine, learning approaches and empathy among medical school candidates. Advances in Health Sciences Education, 2019, 24, 287-300.	3.3	18
354	What do displays of empathy do in palliative care consultations?. Discourse Studies, 2019, 21, 22-37.	1.3	25
355	Developing Comprehensive Strategies to Evaluate Medical School Curricula. Medical Science Educator, 2019, 29, 291-298.	1.5	3
356	Physician experiences when discussing the need for additional oral medication with type 2 diabetes patients: Insights from the cross-national IntroDia® study. Diabetes Research and Clinical Practice, 2019, 148, 179-188.	2.8	2
357	Turkish validation of the Jefferson scale of empathy for nurses seeking kidney donations in intensive care units. Aging Male, 2020, 23, 564-570.	1.9	4

#	ARTICLE	IF	CITATIONS
359	Introducing integrative primary health care to an interprofessional audience: Feasibility and impact of an asynchronous online course. <i>Explore: the Journal of Science and Healing</i> , 2020, 16, 392-400.	1.0	6
360	A Quantitative Measurement of Physical Therapists's™ Empathy and Exploration of the Relationship With Practice Setting and Work Engagement. <i>Evaluation and the Health Professions</i> , 2020, 43, 255-263.	1.9	14
361	Empathy choice in physicians and non-physicians. <i>British Journal of Social Psychology</i> , 2020, 59, 715-732.	2.8	11
362	The prevalence, determinants and the role of empathy and religious or spiritual beliefs on job stress, job satisfaction, coping, burnout, and mental health in medical and surgical faculty of a teaching hospital: A cross-sectional survey. <i>Revue De Medecine Interne</i> , 2020, 41, 232-240.	1.0	19
363	A systematic review of psychometric assessment of the Jefferson Scale of Empathy using the COSMIN Risk of Bias checklist. <i>Journal of Evaluation in Clinical Practice</i> , 2020, 26, 1302-1315.	1.8	22
364	The mediating role of psychological capital on the relation between distress and empathy of medical residents: a cross-sectional survey. <i>Medical Education Online</i> , 2020, 25, 1710326.	2.6	18
365	Effect of a Single-Session Communication Skills Training on Empathy in Medical Students. <i>Academic Psychiatry</i> , 2020, 44, 289-294.	0.9	17
366	Effect of Targeted Curricular Reform on the Learning Environment, Student Empathy, and Hidden Curriculum in a Medical School: A 7-Year Longitudinal Study. <i>Journal of Medical Education and Curricular Development</i> , 2020, 7, 238212052095310.	1.5	7
367	The need for empathetic healthcare systems. <i>Journal of Medical Ethics</i> , 2021, 47, e27-e27.	1.8	29
368	Comprehensive Healthcare Simulation: Implementing Best Practices in Standardized Patient Methodology. <i>Comprehensive Healthcare Simulation</i> , 2020, , .	0.2	13
369	Development and piloting of a Situational Judgement Test for emotion-handling skills using the Verona Coding Definitions of Emotional Sequences (VR-CoDES). <i>Patient Education and Counseling</i> , 2020, 103, 1839-1845.	2.2	12
370	Empathy among midwives at a referral hospital in Uganda. <i>International Journal of Africa Nursing Sciences</i> , 2020, 13, 100238.	0.6	2
371	Gender differences in the effect of medical humanities program on medical students's™ empathy: a prospective longitudinal study. <i>BMC Medical Education</i> , 2020, 20, 413.	2.4	4
372	The Impact of Meeting Patients with Neurological Disorders on Medical Student Empathy. <i>Medical Science Educator</i> , 2020, 30, 1561-1568.	1.5	4
373	The risk of empathy: longitudinal associations between empathy and burnout. <i>Psychology and Health</i> , 2021, 36, 1441-1460.	2.2	9
374	Relationship between level of empathy during residency training and perception of professionalism climate. <i>BMC Medical Education</i> , 2020, 20, 320.	2.4	5
375	Family Loneliness: Its Effects in the Development of Empathy, Teamwork and Lifelong Learning Abilities in Medical Students. <i>Frontiers in Psychology</i> , 2020, 11, 2046.	2.1	9
376	Development and Validation of an Empirical Model-based Instrument to Measure Empathy-driven Organizational Cultures in Indian Schools. <i>Management and Labour Studies</i> , 2020, 45, 471-499.	1.6	2

#	ARTICLE	IF	CITATIONS
377	Medical Students's™ Empathy Level Differences by Medical Year, Gender, and Specialty Interest in Akdeniz University. <i>Journal of Medical Education and Curricular Development</i> , 2020, 7, 238212052094065.	1.5	11
378	Medical Education Empowered by Theater (MEET). <i>Academic Medicine</i> , 2020, 95, 1191-1200.	1.6	26
379	Interpersonal communication, empathy, and stress perceived by nursing students who use social networks. <i>Journal of Advanced Nursing</i> , 2020, 76, 2610-2617.	3.3	5
380	Exploring veterinarians's™ use of practices aimed at understanding and providing emotional support to clients during companion animal euthanasia in Ontario, Canada. <i>Veterinary Record</i> , 2020, 187, e74.	0.3	4
381	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
382	Empathy and Personality Styles in Medical Students. <i>Revista Colombiana De Psicologia</i> , 2020, 29, 73-87.	0.4	5
383	Mindfulness-based programme for residents: study protocol of a randomised controlled trial. <i>BMJ Open</i> , 2020, 10, e035025.	1.9	8
384	Comparing empathy in medical students of two Portuguese medicine schools. <i>BMC Medical Education</i> , 2020, 20, 153.	2.4	6
385	Validation of the Toronto Empathy Questionnaire (TEQ) Among Medical Students in China: Analyses Using Three Psychometric Methods. <i>Frontiers in Psychology</i> , 2020, 11, 810.	2.1	12
386	Empathy, well-being and stressful experiences in the clinical learning environment. <i>Patient Education and Counseling</i> , 2020, 103, 2320-2327.	2.2	8
387	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.	1.6	56
388	Empathy amongst dental students: An institutional cross-sectional survey in Poland and Croatia. <i>European Journal of Dental Education</i> , 2020, 24, 687-694.	2.0	6
389	Correlates of health-related quality of life among adults receiving combination antiretroviral therapy in coastal Kenya. <i>Health and Quality of Life Outcomes</i> , 2020, 18, 169.	2.4	7
390	Impact Factors of Empathy in Mainland Chinese Youth. <i>Frontiers in Psychology</i> , 2020, 11, 688.	2.1	11
391	Development of the Inner City attitudinal assessment tool (ICAAT) for learners across Health care professions. <i>BMC Health Services Research</i> , 2020, 20, 174.	2.2	0
392	Project-based learning approach to increase medical student empathy. <i>Medical Education Online</i> , 2020, 25, 1742965.	2.6	14
393	Impact of Crisis Line Volunteering on Mental Wellbeing and the Associated Factors: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1641.	2.6	20
394	The relationship between effort-reward imbalance and empathy among clinical nurses: A cross-sectional online survey. <i>Journal of Clinical Nursing</i> , 2020, 29, 3363-3372.	3.0	16

#	ARTICLE	IF	CITATIONS
395	A pilot study assessing the impact of a polypharmacy mock medication simulation on student adherence and empathy. <i>Currents in Pharmacy Teaching and Learning</i> , 2020, 12, 956-962.	1.0	6
396	Video-based feedback using real consultations for a formative assessment in communication skills. <i>BMC Medical Education</i> , 2020, 20, 57.	2.4	16
397	Empathy trajectories throughout medical school: relationships with personality and motives for studying medicine. <i>Advances in Health Sciences Education</i> , 2020, 25, 1227-1242.	3.3	17
398	<p>< Care Is the Doctor's Best Prescription: The Impact of Doctor-Patient Empathy on the Physical and Mental Health of Asthmatic Patients in China</p>. <i>Psychology Research and Behavior Management</i> , 2020, Volume 13, 141-150.	2.8	5
399	Comment on "Effect of a Single-Session Communication Skills Training on Empathy in Medical Students". <i>Academic Psychiatry</i> , 2020, 44, 367-368.	0.9	0
400	Patient affect, physician liking for the patient, physician behavior, and patient reported outcomes: A modeling approach. <i>Patient Education and Counseling</i> , 2020, 103, 1143-1149.	2.2	6
401	The Role of Empathy in Health and Social Care Professionals. <i>Healthcare (Switzerland)</i> , 2020, 8, 26.	2.0	179
402	Empathy in Action in Healthcare (EACH): A mixed methods study of nurses' and therapists' empathy. <i>International Journal of Orthopaedic and Trauma Nursing</i> , 2020, 39, 100777.	0.9	4
403	Why impaired wellness may be inevitable in medicine, and why that may not be a bad thing. <i>Medical Education</i> , 2021, 55, 16-22.	2.1	26
404	Age, gender, and educational level predict emotional but not cognitive empathy in farsi-speaking iranians. <i>Current Psychology</i> , 2021, 40, 534-544.	2.8	7
405	Exploring the psychometric properties of the empathy quotient for farsi speakers. <i>Current Psychology</i> , 2021, 40, 306-320.	2.8	8
406	Are there differences in health professionals' empathy due to academic and clinical experience?. <i>Current Psychology</i> , 2021, 40, 647-654.	2.8	3
407	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.	2.1	4
408	Ageing simulation in health and social care education: A mixed methods systematic review. <i>Journal of Advanced Nursing</i> , 2021, 77, 23-46.	3.3	18
409	Empathy in Japanese paramedicine students: A cross-sectional study. <i>Australian Journal of Cancer Nursing</i> , 2021, 23, 176-182.	1.6	2
410	What is clinical empathy? Perspectives of community members, university students, cancer patients, and physicians. <i>Patient Education and Counseling</i> , 2021, 104, 1237-1245.	2.2	13
411	Does workplace violence, empathy, and communication influence occupational stress among mental health nurses?. <i>International Journal of Mental Health Nursing</i> , 2021, 30, 177-188.	3.8	27
412	An Exploratory Cross-Sectional Study on the Relationship between Dispositional Mindfulness and Empathy in Undergraduate Medical Students. <i>Teaching and Learning in Medicine</i> , 2021, 33, 154-163.	2.1	11

#	ARTICLE	IF	CITATIONS
413	Benefícios da inteligência emocional e suas implicações para a intervenção em saúde: empatia e traços de personalidade dos enfermeiros. International Journal of Developmental and Educational Psychology Revista INFAD De Psicologia, 2021, 1, 71-80.	0.1	0
414	HAPPE – A pilot programme using humanities to teach junior doctors empathy in a palliative medicine posting. Asia Pacific Scholar, 2021, 6, 83-92.	0.4	3
415	The Development of Empathy and Associated Factors during Medical Education: A Longitudinal Study. Journal of Medical Education and Curricular Development, 2021, 8, 238212052110301.	1.5	3
416	Psychometric properties of the Jefferson Empathy Scale in four nursing student faculties. Revista Da Escola De Enfermagem Da U S P, 2021, 55, e03741.	0.9	3
417	Personal values as early predictors of emotional and cognitive empathy among medical students. Current Psychology, 2023, 42, 253-261.	2.8	16
418	A validation study of the Korean version of the Toronto empathy questionnaire for the measurement of medical students' empathy. BMC Medical Education, 2021, 21, 119.	2.4	12
419	Mindfulness-based mobile app reduces anxiety and increases self-compassion in healthcare students: A randomised controlled trial. Medical Teacher, 2021, 43, 1-21.	1.8	40
420	Co-producing a Drug and Alcohol Nursing Subject With Experts by Experience. Australian Journal of Clinical Education, 0, , .	0.4	3
421	Interventions for improving medical students' interpersonal communication in medical consultations. The Cochrane Library, 2021, 2021, CD012418.	2.8	27
422	Psychometry and empathy levels and its dimensions in postgraduate students of dental specialties. European Journal of Dental Education, 2021, 25, 785-795.	2.0	6
423	A Pilot Study of the Impact of Virtually Embodying a Patient with a Terminal Illness. Medical Science Educator, 2021, 31, 665-675.	1.5	22
424	Measures of empathy and the capacity for self-reflection in dental and medical students. BMC Medical Education, 2021, 21, 114.	2.4	5
425	Addressing Challenges in Humanistic Communication During COVID-19 Through Medical Education. Frontiers in Communication, 2021, 6, .	1.2	5
426	Assessing the adherence to treatment among patients with cardiovascular diseases in Kermanshah, Iran. Health Promotion Perspectives, 2021, 11, 80-86.	1.9	1
427	A comparative study of the effect of the Time for Dementia programme on medical students. International Journal of Geriatric Psychiatry, 2021, 36, 1011-1019.	2.7	10
428	Factors associated with emotional exhaustion in healthcare professionals involved in the COVID-19 pandemic: an application of the job demands-resources model. International Archives of Occupational and Environmental Health, 2021, 94, 1751-1761.	2.3	71
429	Emotional and Cognitive Empathy in Caregivers of People With Neurodegenerative Disease: Relationships With Caregiver Mental Health. Clinical Psychological Science, 2021, 9, 449-466.	4.0	18
430	“Walking in Their Shoes”: The effects of an immersive digital story intervention on empathy in nursing students. Nursing Open, 2021, 8, 2813-2823.	2.4	9

#	ARTICLE	IF	CITATIONS
431	Parkinson's Disease Simulation in Virtual Reality for Empathy Training in Medical Education. , 2021, , .		6
432	Predictors of compassion fatigue, burnout, and compassion satisfaction among emergency nurses: A cross-sectional survey. International Emergency Nursing, 2021, 55, 100961.	1.5	28
433	Development and validation of The Breaking Bad News Attitudes Scale. BMC Medical Education, 2021, 21, 196.	2.4	5
435	Measuring Empathy among Dental Students and Interns: A Cross-Sectional Study from Dammam, Saudi Arabia. International Journal of Dentistry, 2021, 2021, 1-7.	1.5	9
436	Distinct correlates of empathy and compassion with burnout and affective symptoms in health professionals and students. Revista Brasileira De Psiquiatria, 2021, 43, 186-188.	1.7	1
437	The relationship between medical students' empathy and burnout levels by gender and study years. Patient Education and Counseling, 2022, 105, 432-439.	2.2	15
438	The Empathic Capacity and the Ability to Regulate It: Construction and Validation of the Empathy Management Scale (EMS). Healthcare (Switzerland), 2021, 9, 587.	2.0	3
439	Medical students' preclinical service-learning experience and its effects on empathy in clinical training. BMC Medical Education, 2021, 21, 301.	2.4	10
440	Personality traits are associated with cognitive empathy in medical students but not with its evolution and interventions to improve it. Journal of Psychosomatic Research, 2021, 144, 110410.	2.6	8
441	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.	2.4	4
442	Compassion in Spanish-speaking health care: A systematic review. Current Psychology, 2021, , 1-20.	2.8	1
443	Reconsidering Empathy: An Interpersonal Approach and Participatory Arts in the Medical Humanities. Journal of Medical Humanities, 2021, 42, 627-640.	0.7	9
444	The effect of multimodal comprehensive care methodology training on oral health care professionals' empathy for patients with dementia. BMC Medical Education, 2021, 21, 315.	2.4	5
445	The relationship between empathy and altruistic motivations in nursing studies: a multi-method study. BMC Nursing, 2021, 20, 124.	2.5	9
446	Empathy in patient care: from 'Clinical Empathy' to 'Empathic Concern'. Medicine, Health Care and Philosophy, 2021, 24, 573-585.	1.8	31
447	Evaluating the longitudinal impact of a disability education intervention on medical students' attitudes towards persons with a disability. Disability and Health Journal, 2021, 14, 101092.	2.8	4
448	Empatía en estudiantes y profesores de una escuela odontológica de República Dominicana. Revista Facultad De Medicina, 2021, 70, e90850.	0.2	1
449	Empathy and Mobile Phone Dependence in Nursing: A Cross-Sectional Study in a Public Hospital of the Island of Crete, Greece. Healthcare (Switzerland), 2021, 9, 975.	2.0	1

#	ARTICLE	IF	CITATIONS
450	Effects of a Chronic Pain Simulation Empathy Training Kit on the Empathy of Interprofessional Healthcare Students for Chronic Pain Patients. <i>Clinical Simulation in Nursing</i> , 2021, 56, 66-75.	3.0	6
451	Storytelling to improve healthcare worker understanding, beliefs, and practices related to LGBTQ + patients: A program evaluation. <i>Evaluation and Program Planning</i> , 2022, 90, 101979.	1.6	9
452	Empathy Levels in Albanian Health Professional Students: An Explorative Analysis Using the Jefferson Scale of Empathy. <i>SAGE Open</i> , 2021, 11, 215824402110321.	1.7	4
453	Comparison of empathy with patients between first-year and last-year medical students of Tehran University of Medical Sciences. <i>BMC Medical Education</i> , 2021, 21, 460.	2.4	4
454	Effect of interventions for the well-being, satisfaction and flourishing of general practitionersâ€”a systematic review. <i>BMJ Open</i> , 2021, 11, e046599.	1.9	13
455	Effects of a Life Story Interview on the Physicianâ€™Patient Relationship with Chronic Pain Patients in a Primary Care Setting. <i>Journal of Alternative and Complementary Medicine</i> , 2021, 27, 688-696.	2.1	0
456	Empathy With Patients and Post-Traumatic Stress Response in Verbally Abused Healthcare Workers. <i>Psychiatry Investigation</i> , 2021, 18, 770-778.	1.6	6
457	Satisfaction in clinics and hospitals: Does context matter?. <i>Journal of Marketing Theory and Practice</i> , 2022, 30, 312-324.	4.3	1
458	Development and Cross-National Validation of a French Version of the Jefferson Scale of Empathy for Students. <i>Evaluation and the Health Professions</i> , 2022, 45, 288-296.	1.9	3
459	What is empathy? Oncology patient perspectives on empathic clinician behaviors. <i>Cancer</i> , 2021, 127, 4258-4265.	4.1	35
460	Evaluating pharmacy faculty perceptions of empathy in education: A qualitative study. <i>Currents in Pharmacy Teaching and Learning</i> , 2021, 13, 975-981.	1.0	1
461	Relationship between self-reported cognitive and behavioural empathy among medical students. <i>Patient Education and Counseling</i> , 2021, , .	2.2	2
462	Warding off a tyranny of reliability and validity. <i>Patient Education and Counseling</i> , 2021, 104, 2378-2381.	2.2	0
464	Association between dispositional empathy and self-other distinction in Irish and Belgian medical students: a cross-sectional analysis. <i>BMJ Open</i> , 2021, 11, e048597.	1.9	1
465	The impact of a tailored mindfulnessâ€”based program for resident physicians on distress and the quality of care: A randomised controlled trial. <i>Journal of Internal Medicine</i> , 2021, 290, 1233-1248.	6.0	12
466	Telephone nurses' perceived stress, selfâ€™efficacy and empathy in their work with frequent callers. <i>Nursing Open</i> , 2021, , .	2.4	2
467	Medical student empathy and breaking bad news communication in a simulated consultation. <i>Patient Education and Counseling</i> , 2022, 105, 1342-1345.	2.2	4
468	Predictors of Physician Compassion, Empathy, and Related Constructs: a Systematic Review. <i>Journal of General Internal Medicine</i> , 2022, 37, 900-911.	2.6	19

#	ARTICLE	IF	CITATIONS
469	Cultural adaptation and psychometric properties of the Jefferson empathy scale health professions students's™ version in SpanishOccupational therapy students. BMC Medical Education, 2021, 21, 472.	2.4	3
470	Empathic approach to reducing the negative attitudes of nursing undergraduate students towards cancer. Nurse Education Today, 2021, 105, 105039.	3.3	4
471	Stigma, Empathy, and Attitude (SEA) educational module for medical students to improve the knowledge and attitude towards persons with mental illness. Asian Journal of Psychiatry, 2021, 65, 102834.	2.0	6
472	Craving Empathy: Studying the Sustained Impact of Empathy Training on Clinicians. Journal of Patient Experience, 2021, 8, 237437352110433.	0.9	2
473	The Empathy Seminar: Building a Strong Foundation for Caregiving Competency. , 2019, , 127-142.		2
474	Teaching Empathy: the Implementation of a Video Game into a Psychiatry Clerkship Curriculum. Academic Psychiatry, 2018, 42, 362-365.	0.9	21
477	Searching for the erosion of empathy in medical undergraduate students: a longitudinal study. BMJ Open, 2020, 10, e041810.	1.9	9
478	Maintenance of empathy levels among first and final year medical students: a cross sectional study. F1000Research, 2013, 2, 157.	1.6	14
480	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). PLoS ONE, 2017, 12, e0183352.	2.5	2
481	EMPATHY AND ENGAGEMENT AS PREDICTORS OF BURNOUT AMONG PROFESSIONAL CAREGIVERS OF ELDERLY PEOPLE. Psicologia, Saúde & Doenças, 2014, 15, 2-12.	0.1	6
482	Levels of empathy in speech therapy and audiology undergraduate students training at the University of Cape Town. UR UCT Undergraduate Research, 2016, 1, .	0.0	2
483	Empatia e reconhecimento de expressões faciais de emoções básicas e complexas em estudantes de Medicina. Jornal Brasileiro De Psiquiatria, 2016, 65, 209-214.	0.7	7
484	Análise dos Níveis de Empatia de Estudantes de Medicina. Revista Brasileira De Educacao Medica, 2018, 42, 152-160.	0.2	6
485	Factors associated with levels of empathy among students and professionals in the health field: a systematic review. Trends in Psychiatry and Psychotherapy, 2020, 42, 207-215.	0.8	18
486	Empathetic Orientation in Dentistry students from Latin America. Literature review.. Journal of Oral Research, 2014, 3, 123-127.	0.1	12
487	Is empathy an important attribute of midwives and other health professionals?: A review. European Journal of Midwifery, 2019, 3, 4.	1.1	13
488	Self-Reported Empathy among Nursing Students at a University in Jordan. Open Nursing Journal, 2018, 12, 255-263.	0.4	7
489	Medical Students's™ Experiences and Outcomes Using a Virtual Human Simulation to Improve Communication Skills: Mixed Methods Study. Journal of Medical Internet Research, 2019, 21, e15459.	4.3	39

#	ARTICLE	IF	CITATIONS
490	Relationship between Psychological Correlates and Empathy in Medical Students: A Cross-Sectional Study. <i>Psychiatry Investigation</i> , 2019, 16, 766-772.	1.6	6
491	Is there a link between problem-based learning and emotional intelligence?. <i>Kathmandu University Medical Journal</i> , 2009, 7, 4-7.	0.2	2
492	Le trasformazioni dialogiche delle preoccupazioni in Pediatria di Famiglia: un'indagine empirica. <i>Psicologia Della Salute</i> , 2017,, 74-96.	0.1	8
493	Implementing the Creating Learning Environments for Compassionate Care (CLECC) programme in acute hospital settings: a pilot RCT and feasibility study. <i>Health Services and Delivery Research</i> , 2018, 6, 1-166.	1.4	18
494	Ethnocultural Empathy Among Frontline Hospitality and Tourism Employees. <i>Tourism, Culture and Communication</i> , 2019, 19, 17-29.	0.2	9
495	A Program to Improve Communication and Collaboration Between Nurses and Medical Residents. <i>Journal of Continuing Education in Nursing</i> , 2010, 41, 172-178.	0.6	29
496	Nursing Students' Attitudes Toward and Empathy for Patients With Substance Use Disorder Following Mentorship. <i>Journal of Nursing Education</i> , 2020, 59, 149-153.	0.9	8
497	Interventions to Enhance Empathy and Person-Centered Care for Individuals With Dementia: A Systematic Review. <i>Research in Gerontological Nursing</i> , 2020, 13, 158-168.	0.6	22
498	Complex and novel determinants of empathy change in medical students. <i>Korean Journal of Medical Education</i> , 2016, 28, 67-78.	1.3	41
499	The mediating effect of calling on the relationship between medical school students's academic burnout and empathy. <i>Korean Journal of Medical Education</i> , 2017, 29, 165-173.	1.3	13
500	The relationship between empathy and stress: a cross-sectional study among undergraduate medical students. <i>Korean Journal of Medical Education</i> , 2019, 31, 215-226.	1.3	17
501	Empathy among dental students: A systematic review of literature. <i>Journal of the Indian Society of Pedodontics and Preventive Dentistry</i> , 2019, 37, 316.	0.3	17
502	Empathy Gender in Dental Students in Latin America: An Exploratory and Cross-Sectional Study. <i>Health</i> , 2015, 07, 1527-1535.	0.3	17
503	Accentuate the Positive: Reflections on Empathic Interpersonal Interactions. <i>American Journal of Occupational Therapy</i> , 2011, 65, 623-634.	0.3	8
504	An assessment of dental students' empathy levels in Malaysia. <i>International Journal of Medical Education</i> , 0, 4, 223-229.	1.2	33
505	Exploration and confirmation of the latent variable structure of the Jefferson scale of empathy. <i>International Journal of Medical Education</i> , 2014, 5, 73-81.	1.2	73
506	Measurement of empathy among Argentine cardiologists: Psychometrics and differences by age, gender, and subspecialty. <i>Cardiology Journal</i> , 2015, 22, 52-56.	1.2	5
507	Comparing Empathy Levels in Doctor of Pharmacy Students and Exemplary Pharmacist Preceptors. <i>American Journal of Pharmaceutical Education</i> , 2020, 84, 7497.	2.1	8

#	ARTICLE	IF	CITATIONS
508	Long-term effects of empathy training in surgery residents: a one year follow-up study. European Journal for Person Centered Healthcare, 2014, 1, 326.	0.3	3
509	Tomorrow's doctors and dentists in Malaysia: empathic or indifferent?. European Journal for Person Centered Healthcare, 2017, 5, 205.	0.3	1
510	Validation of the Korean Version of the Empathy Quotient-Short form. Journal of the Korea Academia-Industrial Cooperation Society, 2012, 13, 5356-5363.	0.1	14
511	Empathy, Self-Reflection, and Curriculum Choice. Interdisciplinary Journal of Problem-based Learning, 2014, 8, .	0.5	6
512	Finding Echoes: An Exploration of Empathy Among Physiotherapists and Physiotherapy Students in Singapore. Proceedings of Singapore Healthcare, 2022, 31, 201010582110485.	0.6	3
513	Developing a social prescribing local system in a European Mediterranean country: a feasibility study to promote active and healthy aging. BMC Health Services Research, 2021, 21, 1164.	2.2	5
514	Designing a Virtual Patient for Communication. Advances in Human Factors and Ergonomics Series, 2010, , 347-356.	0.2	0
516	Current state and challenges of Japanese medical education. Okayama Igakkai Zasshi, 2012, 124, 41-45.	0.0	0
517	Empathy Scores of "Ankara University School of Medicine" Fifth Year Students in Two Different Curricula; a Preliminary Report. Ankara Üniversitesi Tıp Fakültesi Mecmuası, 2013, 66, 53-58.	0.0	0
518	The Positive and Negative Psychological Effects of Working in Oncology. SSRN Electronic Journal, 0, , .	0.4	0
519	Reporting of Validity Evidence in the Field of Health Care: A Focus on Papers Published in Value in Health. Social Indicators Research Series, 2014, , 257-265.	0.3	1
521	Descriptions and Conceptualization. , 2016, , 3-16.		2
522	Assessing Competence in Medical Humanism: Development and Validation of the ICARE Scale for Assessing Humanistic Patient Care. , 2016, , 393-409.		1
523	Oncologists and Death. , 2017, , 137-146.		0
524	Study on Empathy among Undergraduate Students of the Medical Profession in Nepal. Journal of Biosciences and Medicines, 2017, 05, 51-63.	0.2	2
526	Development and Validation of College Student's Empathy Scale. Advances in Psychology, 2017, 07, 1214-1222.	0.1	0
527	Empathy as a Way of Acknowledging Patients' Personhood in Palliative Care Interactions. , 2018, , 79-104.		2
528	Correlates of Empathy Level in Incoming Medical Residents in a Large Peruvian Hospital. International Journal of Person Centered Medicine, 2018, 7, 91-97.	0.2	2

#	ARTICLE	IF	CITATIONS
529	Validation Study of the Korean Version of the Jefferson Scale of Empathy-Health Professions Students for Measuring Empathy in Undergraduate Nursing Students. Journal of Korean Academic Society of Nursing Education, 2018, 24, 259-268.	0.8	1
530	HOW TO MEASURE THE EMPATHY LEVEL OF UNDERGRADUATE NURSING STUDENTS? AN INTEGRATIVE REVIEW. Texto E Contexto Enfermagem, 0, 28, .	0.4	1
531	Avalia��o da Empatia nos M�dicos Residentes do Hospital Universit�rio Alzira Velano em Alfenas, Minas Gerais. Revista Brasileira De Educacao Medica, 2019, 43, 296-304.	0.2	0
532	A Review of Empathy Education for Prospective Health Care Professionals in the Digital Age. Journal of Digital Contents Society, 2019, 20, 1155-1161.	0.4	0
533	The Influence of Lateral Violence on Burnout and Empathy with Patients among Nurses: The Moderating Effect of Communication. Seuteureseu Yeon-gu, 2019, 27, 224-231.	0.4	1
535	Escala de atitudes relacionadas �s compet�ncias odontol�gicas: desenvolvimento e valida��o. Revista Da ABENO, 2020, 20, 52-67.	0.1	0
536	Importance of Empathy in Transplant Coordinators during Organ Donation from Cadavers. Turkish Journal of Nephrology, 2020, 29, 129-133.	0.1	0
538	Effects of a Patient Experience�Based Virtual Reality Blended Learning Program on Nursing Students. CIN - Computers Informatics Nursing, 2021, Publish Ahead of Print, .	0.5	1
539	Association of Autism Spectrum Disorder and Attention Deficit Hyperactivity Disorder Traits with Depression and Empathy Among Medical Students. Advances in Medical Education and Practice, 2021, Volume 12, 1259-1265.	1.5	6
540	Burnout and Resilience among Pharmacists: A Singapore Study. JACCP Journal of the American College of Clinical Pharmacy, 0, , .	1.0	1
541	Individual Differences and Similarities in the Judgement of Facial Pain: A Mixed Method Study. European Journal of Investigation in Health, Psychology and Education, 2020, 10, 1186-1194.	1.9	1
542	Relational Virtues and Empathy. , 2020, , 31-41.		0
543	Cultivating Compassionate Communication with Clinical Competence: Utilizing Human Simulation to Provide Constructive Feedback to Learners. Comprehensive Healthcare Simulation, 2020, , 117-168.	0.2	1
545	Factors Influencing Performance of Pain Assessment and Pain Intervention for Dementia Patients among Long-term Care Hospital Nurses. Korean Journal of Adult Nursing, 2020, 32, 283.	0.7	1
546	Mindfulness-Based Interventions for Undergraduate Nursing Students in a University Setting: A Narrative Review. Healthcare (Switzerland), 2021, 9, 1493.	2.0	5
547	Burnout as a Mediator in the Relationship between Work-Life Balance and Empathy in Healthcare Professionals. Psychiatry Investigation, 2020, 17, 951-959.	1.6	13
548	Empathy in Podiatric Medical Education: Challenges and Opportunities for Comprehensive Care. Journal of the American Podiatric Medical Association, 2020, 110, .	0.3	0
549	Psychometry: Cutting-Off Points and Standardization of the Jefferson Empathy Scale Adapted for Students of Kinesiology. SAGE Open, 2021, 11, 215824402110566.	1.7	1

#	ARTICLE	IF	CITATIONS
550	The role of difficulties in emotion regulation in predicting empathy and patient-centeredness in pre-clinical medical students: a cross-sectional study. <i>Psychology, Health and Medicine</i> , 2023, 28, 1215-1229.	2.4	5
551	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.	1.8	4
552	Meditation involving people with cancer, medical staff and witnesses: a pilot study exploring improvement in wellness and connectedness. <i>BMJ Open</i> , 2021, 11, e048164.	1.9	2
553	Empathy, friend or foe? Untangling the relationship between empathy and burnout in helping professions. <i>Journal of Social Psychology</i> , 2022, 162, 89-108.	1.5	5
554	Depression, anxiety, burnout and empathy among Spanish medical students. <i>PLoS ONE</i> , 2021, 16, e0260359.	2.5	23
555	Study protocol for the ETMED-L project: longitudinal study of mental health and interpersonal competence of medical students in a Swiss university using a comprehensive framework of empathy. <i>BMJ Open</i> , 2021, 11, e053070.	1.9	6
556	Association of Medical Student Characteristics and Empathy After a Communication Workshop. <i>Journal of Patient Experience</i> , 2021, 8, 237437352110652.	0.9	1
557	Conceptualization and operationalization of empathy in design research. <i>Design Studies</i> , 2022, 78, 101075.	3.1	19
559	At the intersection of tourism social entrepreneurship and empathy: Development and validation of an empathy scale. <i>Journal of Business Research</i> , 2022, 141, 433-447.	10.2	13
560	Burnout in International Medical Students: Characterization of Professionalism and Loneliness as Predictive Factors of Burnout. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1385.	2.6	17
561	Interventions to improve attitudes toward older people in undergraduate health and social sciences students. A systematic review and meta-analysis. <i>Nurse Education Today</i> , 2022, 110, 105269.	3.3	20
562	Can a virtual learning module foster empathy in dental undergraduate students?. <i>European Journal of Dental Education</i> , 2022, , .	2.0	3
563	Aesthetics and Technology Integration in a Community-Based Primary Care Nursing Curriculum. <i>Nurse Educator</i> , 2022, 47, 208-212.	1.1	2
564	Empatia em estudantes de Medicina: efeitos de um programa de gerenciamento do estresse. <i>Revista Brasileira De Educacao Medica</i> , 2022, 46, .	0.2	3
565	Empathic Brands. <i>Advances in E-Business Research Series</i> , 2022, , 168-185.	0.4	0
566	Having Heart: Affective and Cognitive Empathy Scores vs. Residency Specialty Match at an Osteopathic Medical School. <i>Medical Science Educator</i> , 2022, 32, 423-436.	1.5	3
567	A quantitative evaluation of empathy using JSE-S Tool, before and after a Medical Humanities Module, amongst first-year medical students in Nepal. <i>BMC Medical Education</i> , 2022, 22, 159.	2.4	4
568	A Pilot Study to Compare the Standardized Patient's Perception of Empathy Among the American Medical Graduates and International Medical Graduates Applying for Residency Training in the United States. <i>RRNMF Neuromuscular Journal</i> , 2022, 3, .	0.1	0

#	ARTICLE	IF	CITATIONS
569	Development of student empathy during medical education: changes and the influence of context and training. Korean Journal of Medical Education, 2022, 34, 17-26.	1.3	4
570	Empathy as a Factor Conditioning Attitudes towards the Elderly among Physiotherapistsâ€”Results from Poland. International Journal of Environmental Research and Public Health, 2022, 19, 3994.	2.6	4
571	Student nurses' career preferences for working with people with dementia: A longitudinal cohort study. Nurse Education Today, 2022, 111, 105303.	3.3	2
572	Beyond empathy decline: Do the barriers to compassion change across medical training?. Advances in Health Sciences Education, 2022, 27, 521-536.	3.3	3
573	An emergency medicine physician well-being study focusing on gender differences and years of practice during the COVID-19 pandemic. American Journal of Emergency Medicine, 2022, 55, 84-88.	1.6	1
574	TÃ±p FakÃ¼ltesi Ã–ğrencilerinin Empatik Eğilimleri ve Öğretimi Becerilerinin Değerlendirilmesi. Avrasya Sağlık Bilimleri Dergisi, 0, , .	0.5	1
577	Can poetry help GPs and GP trainees to develop their reflective practice?. InnovAiT, 2022, 15, 323-329.	0.0	1
581	Increased medical student understanding of dementia through virtual embodiment. Gerontology and Geriatrics Education, 2023, 44, 211-222.	0.8	5
582	Validation of a modified version of Interpersonal Reactivity Index for medical students using Rasch analysis. Teaching and Learning in Medicine, 2022, , 1-10.	2.1	1
583	Can stoic training develop medical student empathy and resilience? A mixed-methods study. BMC Medical Education, 2022, 22, 340.	2.4	13
584	Empathy in occupational therapy students: a cross-sectional study at a Spanish university. BMJ Open, 2022, 12, e058821.	1.9	3
585	The current paradigm for biologic initiation: a confirmatory quantitative analysis of self-injection training practices. Expert Opinion on Drug Delivery, 2022, 19, 733-742.	5.0	1
586	Shared meditation involving cancer patients, health professionals and third persons is relevant and improves well-being: IMPLIC pilot study. BMC Complementary Medicine and Therapies, 2022, 22, 138.	2.7	2
587	Medical empathy in medical students in Madrid: A proposal for empathy level cut-off points for Spain. PLoS ONE, 2022, 17, e0267172.	2.5	3
588	Mindfulness, empathy and moral sensitivity in nurses: a structural equation modeling analysis. BMC Nursing, 2022, 21, .	2.5	4
589	A level of empathy and spirituality among undergraduate medical students of a tertiary hospital in Telangana: A cross-sectional study. Telangana Journal of Psychiatry, 2022, 8, 46.	0.0	0
590	Validity and reliability of a Korean version of the Consultation and Relational Empathy (CARE) measure. BMC Medical Education, 2022, 22, .	2.4	2
591	Empathy development and volunteering for undergraduate healthcare students: A scoping review. Nurse Education Today, 2022, 116, 105441.	3.3	10

#	ARTICLE	IF	CITATIONS
592	The Critical Appraisal of a Doctorate in Clinical Psychology(DClinPsych) Research Process. SSRN Electronic Journal, 0, , .	0.4	0
593	The role of the emotive, moral, and cognitive components for the prediction of medical studentsâ€™ empathic behavior in an Objective Structured Clinical Examination (OSCE). Patient Education and Counseling, 2022, , .	2.2	0
594	Empathy, psychometrics, cutâ€off points in nursing students from Latin America. International Nursing Review, 2023, 70, 185-193.	3.3	3
595	The effect of parenthood on the clinicianâ€™s empathy and behavior guidance technique preferences among pediatric dentists. European Archives of Paediatric Dentistry: Official Journal of the European Academy of Paediatric Dentistry, 2022, 23, 641-646.	1.9	1
596	The relationship between medical studentsâ€™ empathy, mental health, and burnout: A cross-sectional study. Medical Teacher, 2022, 44, 1392-1399.	1.8	6
597	Implementing a Remote Synchronous Mindfulness Program for Master of Science in Speech-Language Pathology Students: Preliminary Findings. Perspectives of the ASHA Special Interest Groups, 2022, 7, 1072-1086.	0.8	2
598	Pharmacological, neural, and psychological mechanisms underlying psychedelics: A critical review. Neuroscience and Biobehavioral Reviews, 2022, 140, 104793.	6.1	54
599	Patient activation reduces effects of implicit bias on doctorâ€™patient interactions. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	5
601	Patients' Perception of Dental Studentsâ€™ Consultation and Relational Empathy (CARE) in an Academic Dental Institution of Bhubaneswar City, India. World Journal of Dentistry, 2022, 13, 652-657.	0.3	0
602	Effectiveness of a multimodal intervention and the simulation flow to improve empathy and attitudes towards older adults in nursing students: A crossover randomised controlled trial. Nurse Education in Practice, 2022, 64, 103430.	2.6	4
603	Reconstructing the concept of empathy: an analysis of Japanese doctorsâ€™ narratives of their experiences with illness. Advances in Health Sciences Education, 0, , .	3.3	1
604	Predictors of Medical Studentsâ€™ Compassion and Related Constructs: A Systematic Review. Teaching and Learning in Medicine, 2023, 35, 502-513.	2.1	4
605	The effects of high-fidelity simulation training on empathy and attitudes toward older people among undergraduate nursing students: A quasi-experimental study. Nurse Education in Practice, 2022, 64, 103441.	2.6	7
606	Resisting repeated exposure: Characteristics of pain empathy for experienced physicians. Behavioural Brain Research, 2023, 436, 114099.	2.2	1
607	The Initial Evaluation of a Scale for Measuring Interprofessional Perspective Taking. SSRN Electronic Journal, 0, , .	0.4	0
608	Can Distance Communication Skills Training Increase the Empathy Levels in Medical Students? An Application During the Pandemic Period. Journal of Basic and Clinical Health Sciences, 0, , .	0.4	0
609	Online student tutorials for effective peer teaching in digital times: a longitudinal quantitative study. BMC Medical Education, 2022, 22, .	2.4	0
610	Profiles of GPs with high and low self-reported physician empathyâ€™personal, professional, and antibiotic prescribing characteristics. , 2022, 23, .		1

#	ARTICLE	IF	CITATIONS
611	Consistency Analysis in Medical Empathy Intervention Research. International Journal of Environmental Research and Public Health, 2022, 19, 10904.	2.6	3
612	Empathy among Saudi Residents at a Tertiary Academic Center during the COVID-19 Pandemic and Its Association with Perceived Stress. Medicina (Lithuania), 2022, 58, 1258.	2.0	1
613	Motivation to Impact: Medical Student Volunteerism in the COVID 19 Pandemic. Medical Science Educator, 2022, 32, 1149-1157.	1.5	2
614	The Need for a Common Set of Competencies as Components of a Medical Professionalism Construct, Paired with a Common Program of Assessment. The International Library of Bioethics, 2022, , 35-57.	0.2	0
615	Reconsidering Empathy: An Interpersonal Approach and Participatory Arts in the Medical Humanities. , 2022, , 115-128.		0
616	Having Heart: The Different Facets of Empathy. , 0, , .		0
617	Teaching compassion for social accountability: A parallaxic investigation. Medical Teacher, 0, , 1-8.	1.8	1
618	Humanitarian approach in medicine: A study on clinical empathy among medical students and graduates using the Jefferson Scale of Empathy. The National Medical Journal of India, 0, 35, 100-104.	0.3	2
619	The influence of active listening on parentsâ€™ perceptions of clinical empathy in a stuttering assessment: A preliminary study. Journal of Communication Disorders, 2022, 100, 106274.	1.5	2
620	A systematic meta-analysis and meta-synthesis of the impact of service-learning programs on university studentsâ€™ empathy. Educational Research Review, 2022, 37, 100490.	7.8	0
621	Improving Clinical Competence Through Simulated Training in Evidence-Based Practice for Stuttering: A Pilot Study. American Journal of Speech-Language Pathology, 2022, 31, 2770-2788.	1.8	2
622	Empathy is not so perfect! -For a descriptive and wide conception of empathy. Medicine, Health Care and Philosophy, 2023, 26, 85-97.	1.8	3
623	Empathy in Professors and Students of a School of Dentistry in the Caribbean. Pesquisa Brasileira Em Odontopediatria E Clinica Integrada, 0, 22, .	0.9	4
624	Drama Training as a Tool to Teach Medical Trainees Communication Skills: A Scoping Review. Academic Medicine, 2023, 98, 851-860.	1.6	2
625	Effects of weight bias training on student nurse empathy: A quasiexperimental study. Nurse Education in Practice, 2023, 66, 103538.	2.6	1
626	What is the Link Between Different Components of Empathy and Burnout in Healthcare Professionals? A Systematic Review and Meta-Analysis. Psychology Research and Behavior Management, 0, Volume 16, 447-463.	2.8	3
627	Empathy structure in multi-agent system with the mechanism of self-other separation: Design and analysis from a random walk view. Cognitive Systems Research, 2023, 79, 175-189.	2.7	1
628	Service quality in health care: empathy as a double-edged sword in the physicianâ€™patient relationship. International Journal of Pharmaceutical and Healthcare Marketing, 2023, 17, 115-131.	1.3	0

#	ARTICLE	IF	CITATIONS
629	Empathy Expression in Interpreted and Noninterpreted Care Conferences of Seriously Ill Children. <i>Pediatrics</i> , 2023, 151, .	2.1	0
630	Physiciansâ€™ Distress Related to Moral Issues and Mental Health In-Between Two Late Waves of COVID-19 Contagions. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 3989.	2.6	1
631	Implementing A person-centred Communication (ACTION) educational intervention for in-home nursing assistants â€“ a study protocol. <i>BMC Geriatrics</i> , 2023, 23, .	2.7	0
632	Clinical empathy: definition, measurement, correlates, group differences, erosion, enhancement, and healthcare outcomes. , 2023, 2, .		13
633	Effects of a Comprehensive Person-Centered Care Education Program for Nursing Students. <i>Medicina (Lithuania)</i> , 2023, 59, 463.	2.0	1
634	Dynamics of career intentions in a medical student cohort: a four-year longitudinal study. <i>BMC Medical Education</i> , 2023, 23, .	2.4	7
635	Effect of multimodal comprehensive communication skills training with video analysis by artificial intelligence for physicians on acute geriatric care: a mixed-methods study. <i>BMJ Open</i> , 2023, 13, e065477.	1.9	1
636	The role of empathy in shared intentionality: Contributions from Inter-Processual Self theory. <i>Frontiers in Psychology</i> , 0, 14, .	2.1	2
637	Evidencing best practice for teaching empathy skills to healthcare professionals: literature review. <i>Gastrointestinal Nursing</i> , 2023, 21, 22-33.	0.1	1
638	When Did the Empathy Die?. <i>Medical Science Educator</i> , 2023, 33, 489-497.	1.5	2
639	Between the Doctor and the Patient: The Role of the Unconscious in the Relationship. , 2023, , 63-84.		0
640	Empathy level towards patients among thai dental students: a cross-sectional study. <i>BMC Oral Health</i> , 2023, 23, .	2.3	1
641	The effect of drama-supported, patient role-play experience on empathy and altruism levels in nursing students: A randomized controlled study. <i>Nurse Education in Practice</i> , 2023, 69, 103634.	2.6	2
643	Time for Dementia: Quantitative evaluation of a dementia education programme for healthcare students. <i>International Journal of Geriatric Psychiatry</i> , 2023, 38, .	2.7	0
644	Neurologistsâ€™ lived experiences of communicating the diagnosis of a motor neurodegenerative condition: an interpretative phenomenological analysis. <i>BMC Neurology</i> , 2023, 23, .	1.8	0
645	THE EVALUATION OF EMPATHY LEVELS OF UNDERGRADUATE STUDENTS OF A FACULTY OF DENTISTRY. SÃ¼leyman Demirel Ãœniversitesi TÃ¼p FakÃ¼ltesi Dergisi, 2023, 30, 235-244.	0.2	1
646	Managing Difficult Encounters. <i>Osteopathic Family Physician</i> , 2023, , 19-23.	0.1	1
647	æç%©ãªã±ãŸã•ã®ã,^ã†ã§-‘ã¼¼ã½“é“ãª,ã,Šè ³ãŸë€...ã®ã...±æ,,Ÿã,’ãä,Šã•ãã,æ%œ³•ã®é-ç™. The Journal of the Society for		

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649	Factor structure of the Jefferson Scale for Empathy among medical undergraduates from South India. Indian Journal of Psychiatry, 2023, 65, 755-759.	0.7	0
650	Enhancing Clinical Empathy in Medical Education: A Review of Current Strategies and Future Directions. Medical Journal of Southern California Clinicians, 2023, , 6-15.	0.2	0
651	LGBTQ+ cultural competency training for health professionals: a systematic review. BMC Medical Education, 2023, 23, .	2.4	6
652	Measuring empathic behaviour among undergraduate dietetics students. Journal of Evaluation in Clinical Practice, 0, , .	1.8	0
653	Evaluation of the feasibility of a video-transmitted surgical ward round: a proof of concept study. BMC Medical Education, 2023, 23, .	2.4	0
654	Empathy competence and future specialty among medical residents in Japan: a nationwide cross-sectional study. Scientific Reports, 2023, 13, .	3.3	0
655	A scoping review of emotions and related constructs in simulation-based education research articles. Advances in Simulation, 2023, 8, .	2.3	0
656	General Practitioners' Own Traumatic Experiences and Their Skills in Addressing Patients' Past History of Adversities: A Cross-Sectional Study in Portugal. Healthcare (Switzerland), 2023, 11, 2450.	2.0	0
657	Psychometric properties of the Greek version of the Jefferson Scale of Empathy and empathy levels in Greek dental postgraduate students. European Archives of Paediatric Dentistry: Official Journal of the European Academy of Paediatric Dentistry, 2023, 24, 691-700.	1.9	1
658	Can storytelling of women's lived experience enhance empathy in medical students? A pilot intervention study. Medical Teacher, 2024, 46, 219-224.	1.8	2
659	Cognitive empathy of osteopathic students: a longitudinal study with data comparisons to the Project in Osteopathic Medical Education and Empathy (POMEE). Journal of Osteopathic Medicine, 2023, .	0.8	0
660	Differences in empathy levels among physicians based on specialty: a nationwide cross-sectional study. Postgraduate Medical Journal, 0, , .	1.8	0
661	How do medical students without formal training in empathy development understand empathy in the context of patient care?. African Journal of Health Professions Education, 0, , 2-7.	0.3	0
662	Understanding mixed emotions in organized helping through emotionography. Frontiers in Psychology, 0, 14, .	2.1	0
663	Understanding the Empathetic Reactivity of Conversational Agents: Measure Development and Validation. International Journal of Human-Computer Interaction, 0, , 1-19.	4.8	0
664	Attitudes toward Patient-Centred Care, Empathy, and Assertiveness among Students in Rehabilitation Areas: A Longitudinal Study. Healthcare (Switzerland), 2023, 11, 2803.	2.0	0
665	The integrated curriculum and student empathy: a longitudinal multi-cohort analysis. Advances in Health Sciences Education, 0, , .	3.3	0
666	Investigation of the Effects of Empathic Tendency Level in Diabetes Nurses on Patient-Centered Care and Glycemic Level in Diabetes Patients in the COVID-19 Process. Ordu Üniversitesi Hemşirelik Fakültesi Dergisi, 0, , .	0.8	0

#	ARTICLE	IF	CITATIONS
667	Surgeons' personality, characteristics and presence of meaning in life. Journal of the Royal College of Surgeons of Edinburgh, 2023, , .	1.8	0
668	Influencia del engagement en la empatía y la personalidad de Enfermeras que laboran en Instituciones prestadoras de Servicios de Salud de Lima, 2023. , 2023, 2, 3-43.		0
669	Psychometric evaluation of the “Jefferson Scale of Empathy”™ in a sample of nursing students in the United Kingdom. Nursing Open, 2024, 11, .	2.4	0
670	Understanding context of violence against healthcare through citizen science and evaluating the effectiveness of a co-designed code of conduct and of a tailored de-escalation of violence training in Eastern Democratic Republic of Congo and Iraq: a study protocol for a stepped wedge randomized controlled trial. Trials, 2023, 24, .	1.6	0
671	A therapeutic lifestyle changes elective and its impact on student knowledge, empathy, and perceptions. Currents in Pharmacy Teaching and Learning, 2023, , .	1.0	0
672	Empatía en internos de enfermería de una universidad ubicada en lima metropolitana. , 0, 1, 350.		0
674	Using simulation to introduce students and healthcare professionals to losses experienced by older adults: a pre-post analysis. BMC Medical Education, 2024, 24, .	2.4	0
675	Evaluation of Medical Students’s™ Orientations in the Patient-Physician Relationship and Empathy Levels. Osmangaz’s Journal of Medicine, 2024, 46, .	0.1	0
676	Empathy Levels Among Healthcare Professionals: An Asian Multi-professional Cross-Sectional Study. Cureus, 2024, , .	0.5	0
677	Examining the pedagogical practices that support cultural proficiency development in graduate health science students. BMC Medical Education, 2024, 24, .	2.4	0
678	The Effects of Immersive Virtual Reality’s“Assisted Experiential Learning on Enhancing Empathy in Undergraduate Health Care Students Toward Older Adults With Cognitive Impairment: Multiple-Methods Study. JMIR Medical Education, 0, 10, e48566.	2.6	0
679	Empathy in Professor of a Educational Institution in Metropolitan Lima. , 0, 4, 776.		0
681	Assessment of Empathy as a Prerequisite for Holistic Nursing: Psychometric Analysis of the Jefferson Scale of Empathy-Health Profession Students for Croatian BSc and MSc Nursing Students. Journal of Holistic Nursing, 0, , .	1.6	0
682	The relationship between Empathy and listening styles is complex: implications for doctors in training. BMC Medical Education, 2024, 24, .	2.4	0
683	Health care providers' perspectives on the mistreatment towards women during maternity care: Do perceptions of the working environment and empathy level matter?. Women and Birth, 2024, 37, 101601.	2.0	0
684	Organizational Behavior Management Approaches to Advancing Compassionate Care in Research and Practice. Behavior Analysis in Practice, 0, , .	2.0	0
685	The Reliability, Validity and Cross-Cultural Adaptation of Turkish Version of Jefferson Scale of Empathy for Health Professions Students. Clinical and Experimental Health Sciences, 2024, 14, 14-21.	0.5	0