## CITATION REPORT List of articles citing



DOI: 10.1016/j.artmed.2008.07.017 Artificial Intelligence in Medicine, 2009, 46, 5-17.

Source: https://exaly.com/paper-pdf/46004547/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
339	Artificial intelligence in medicine AIME'07. Artificial Intelligence in Medicine, 2009, 46, 1-3	7.4	2
338	A meta-analysis of remote monitoring of heart failure patients. <b>2009</b> , 54, 1683-94		258
337	Survival Prediction in Lung Cancer Treated with Radiotherapy: Bayesian Networks vs. Support Vector Machines in Handling Missing Data. <b>2009</b> ,		7
336	The use, misuse, and abuse of design controls. <b>2010</b> , 29, 12-8		3
335	Agents applied in health care: A review. <b>2010</b> , 79, 145-66		124
334	Professor Mario Stefanelli (1945 <b>0</b> 010). <b>2010</b> , 43, 859-860		
333	Research on integrative healthcare: context and priorities. <b>2010</b> , 6, 143-58		16
332	Distributed Computing and Artificial Intelligence. 2010,		2
331	Effects of clinical decision-support systems on practitioner performance and patient outcomes: a synthesis of high-quality systematic review findings. <b>2011</b> , 18, 327-34		320
330	Advanced integrated real-time clinical displays. <b>2011</b> , 29, 487-504		20
329	50 years of informatics research on decision support: what's next. <b>2011</b> , 50, 525-35		22
328	Modeling Medical Diagnosis Using a Comprehensive Cognitive Architecture. <b>2011</b> , 2, 241-258		5
327	Data analysis and data mining: current issues in biomedical informatics. <b>2011</b> , 50, 536-44		45
326	Mario Stefanelli, 1945 <b>0</b> 010. <i>Artificial Intelligence in Medicine</i> , <b>2011</b> , 52, 53-55	7.4	
325	Artificial Intelligence in Medicine AIME 2009. Artificial Intelligence in Medicine, <b>2011</b> , 52, 57-8	7.4	О
324	Clinical network for case based reasoning methodology. 2011,		
323	A causal model for fluctuating sugar levels in diabetes patients. <b>2012</b> , 5, 497-502		

322	Investigating the role of a Web-based tool to promote collective knowledge in medical communities. <b>2012</b> , 10, 392-404		6
321	Supporting adaptive clinical treatment processes through recommendations. <b>2012</b> , 107, 413-24		20
320	CardioSmart365: Artificial Intelligence in the Service of Cardiologic Patients. <b>2012</b> , 2012, 1-12		10
319	Medical Reasoning and Thinking. <b>2012</b> ,		7
318	Computer-aided intelligent system for diagnosing pediatric asthma. <b>2012</b> , 36, 809-22		10
317	Application of intelligent systems in asthma disease: designing a fuzzy rule-based system for evaluating level of asthma exacerbation. <b>2012</b> , 36, 2071-83		14
316	Understanding the nature of information seeking behavior in critical care: implications for the design of health information technology. <i>Artificial Intelligence in Medicine</i> , <b>2013</b> , 57, 21-9	7.4	54
315	Artificial intelligence framework for simulating clinical decision-making: a Markov decision process approach. <i>Artificial Intelligence in Medicine</i> , <b>2013</b> , 57, 9-19	7.4	154
314	A real-time abnormality detection system for intensive care management. 2013,		2
313	Building a software platform to guide doctors and nurses with ultrasound scanning. 2013,		1
312	Optimization of auto-induction medium for G-CSF production by Escherichia coli using artificial neural networks coupled with genetic algorithm. <b>2013</b> , 29, 505-13		7
311	Patient behavior and the benefits of artificial intelligence: the perils of "dangerous" literacy and illusory patient empowerment. <b>2013</b> , 92, 223-8		46
310	Architecture and services for formalising and evaluating care actions from computer-interpretable guidelines. <b>2013</b> , 5, 253		2
309	Big data in pediatric cardiac care: is it time?. <b>2013</b> , 14, 548-9		2
308	Osteoporosis risk prediction for bone mineral density assessment of postmenopausal women using machine learning. <b>2013</b> , 54, 1321-30		25
307	Public health in the twenty-first century: the role of advanced technologies. <b>2014</b> , 2, 224		3
306	The path to more general artificial intelligence. <b>2014</b> , 26, 343-354		13
305	Artificial intelligence in psychological practice: Current and future applications and implications <b>2014</b> , 45, 332-339		65

304	TICoMS A Modular and Message-Based Framework for Monitoring and Control of Medical Devices. <b>2014</b> ,	3
303	Business intelligence for the radiologist: making your data work for you. <b>2014</b> , 11, 1238-40	23
302	Online mining abnormal period patterns from multiple medical sensor data streams. <b>2014</b> , 17, 569-587	15
301	Artificial intelligence in medicine and cardiac imaging: harnessing big data and advanced computing to provide personalized medical diagnosis and treatment. <b>2014</b> , 16, 441	204
300	Diagnostic image quality in gynaecological ultrasound: Who should measure it, what should we measure and how?. <b>2014</b> , 22, 44-51	2
299	Knowledge discovery in medicine: Current issue and future trend. <b>2014</b> , 41, 4434-4463	154
298	Integration of Knowledge Resources into Applications to Enable CDS. <b>2014</b> , 819-849	
297	Optimization of anemia treatment in hemodialysis patients via reinforcement learning. <i>Artificial Intelligence in Medicine</i> , <b>2014</b> , 62, 47-60	35
296	Development and validation of a machine learning algorithm and hybrid system to predict the need for life-saving interventions in trauma patients. <b>2014</b> , 52, 193-203	28
295	Application of statistical mining in healthcare data management for allergic diseases. 2014,	
294	Classification epitopes in groups based on their protein family. <b>2015</b> , 16 Suppl 19, S7	8
293	On a QUESt for a web-based tool promoting knowledge-sharing in medical communities. <b>2015</b> , 34, 598-612	7
292	Machine learning in burn care and research: A systematic review of the literature. <b>2015</b> , 41, 1636-1641	18
	Machine tearning in burn care and research. A systematic review of the ficerature. 2013, 41, 1030-1041	
291	Thirty years of artificial intelligence in medicine (AIME) conferences: A review of research themes.  Artificial Intelligence in Medicine, 2015, 65, 61-73	59
291 290	Thirty years of artificial intelligence in medicine (AIME) conferences: A review of research themes.	
	Thirty years of artificial intelligence in medicine (AIME) conferences: A review of research themes.  Artificial Intelligence in Medicine, 2015, 65, 61-73  7.4  An Emerging Era in the Management of Parkinson's Disease: Wearable Technologies and the	59
290	Thirty years of artificial intelligence in medicine (AIME) conferences: A review of research themes.  Artificial Intelligence in Medicine, 2015, 65, 61-73  7-4  An Emerging Era in the Management of Parkinson's Disease: Wearable Technologies and the Internet of Things. 2015, 19, 1873-81	59 179

286	Computational intelligence in tropical medicine. <b>2016</b> , 6, 350-352		5
285	Big data in medicine: The upcoming artificial intelligence. <b>2016</b> , 43, 91-94		11
284	Personalized Weight Management Interventions for Cardiovascular Risk Reduction: A Viable Option for African-American Women. <b>2016</b> , 58, 595-604		3
283	An artificial intelligence platform for the multihospital collaborative management of congenital cataracts. <b>2017</b> , 1,		157
282	The Role of Technology in Healthy Living Medicine. <b>2017</b> , 59, 487-491		18
281	Editorial from the new Editor-in-Chief: Artificial Intelligence in Medicine and the forthcoming challenges. <i>Artificial Intelligence in Medicine</i> , <b>2017</b> , 76, 37-39	7.4	13
280	Intelligent Systems in Health Care: A Socio-Technical View. <b>2017</b> , 221-236		
279	Defining difficult laryngoscopy findings by using multiple parameters: A machine learning approachPeer review under responsibility of Egyptian Society of Anesthesiologists. View all notes. <b>2017</b> , 33, 153-158		12
278	Automatic matching of surgeries to predict surgeons' next actions. <i>Artificial Intelligence in Medicine</i> , <b>2017</b> , 81, 3-11	7.4	15
277	Reshaping Accounting and Management Control Systems. <b>2017</b> ,		O
<sup>277</sup>	Medical Expert Systems. <b>2017</b> , 1-15		1
276	Medical Expert Systems. <b>2017</b> , 1-15		1
276 275	Medical Expert Systems. 2017, 1-15  Special issue on cognitive informatics methods for interactive clinical systems. 2017, 71, 207-210		1
276 275 274	Medical Expert Systems. 2017, 1-15  Special issue on cognitive informatics methods for interactive clinical systems. 2017, 71, 207-210  Artificial intelligence in healthcare: past, present and future. 2017, 2, 230-243		1 2 1041
276 275 274 273	Medical Expert Systems. 2017, 1-15  Special issue on cognitive informatics methods for interactive clinical systems. 2017, 71, 207-210  Artificial intelligence in healthcare: past, present and future. 2017, 2, 230-243  Machine learning to identify multigland disease in primary hyperparathyroidism. 2017, 219, 173-179		1 2 1041 12
276 275 274 273 272	Medical Expert Systems. 2017, 1-15  Special issue on cognitive informatics methods for interactive clinical systems. 2017, 71, 207-210  Artificial intelligence in healthcare: past, present and future. 2017, 2, 230-243  Machine learning to identify multigland disease in primary hyperparathyroidism. 2017, 219, 173-179  Tuberculosis control, and the where and why of artificial intelligence. 2017, 3,		1 2 1041 12

268	Media messaging in diagnosis of acute CXR pathology: an interobserver study among residents. <b>2018</b> , 13, 1257-1263	4
267	Evaluation of genotoxic effects in Brazilian agricultural workers exposed to pesticides and cigarette smoke using machine-learning algorithms. <b>2018</b> , 25, 1259-1269	14
266	Dynamic Prediction of ICU Mortality Risk Using Domain Adaptation. 2018,	16
265	Artificial Intelligence Approaches in Hematopoietic Cell Transplantation: A Review of the Current Status and Future Directions. <b>2018</b> , 35, 152-157	3
264	The Role of Artificial Intelligence in Clinical Decision Support Systems and a Classification Framework. <b>2018</b> , 3, 31-47	8
263	IMass Time: The Future, in Future!. <b>2018</b> , 22, 679-695	10
262	A comparative quantitative study of utilizing artificial intelligence on electronic health records in the USA and China during 2008-2017. <b>2018</b> , 18, 117	20
261	Aifred Health, a Deep Learning Powered Clinical Decision Support System for Mental Health. <b>2018</b> , 251-287	9
<b>2</b> 60	The NIPS '17 Competition: Building Intelligent Systems. <b>2018</b> ,	3
259	Globalization and anaphylaxis. <b>2018</b> , 18, 365-369	9
258	On the Prospects for a (Deep) Learning Health Care System. <b>2018</b> , 320, 1099-1100	112
258 257	On the Prospects for a (Deep) Learning Health Care System. <b>2018</b> , 320, 1099-1100  Data Management and Analytics. <b>2018</b> , 749-753	112
		112
257	Data Management and Analytics. <b>2018</b> , 749-753	
<sup>2</sup> 57	Data Management and Analytics. 2018, 749-753  Future perspectives: cancer metastases. 2018, 35, 559-561	1
257 256 255	Data Management and Analytics. 2018, 749-753  Future perspectives: cancer metastases. 2018, 35, 559-561  eDoctor: machine learning and the future of medicine. 2018, 284, 603-619	1 133
257 256 255 254	Data Management and Analytics. 2018, 749-753  Future perspectives: cancer metastases. 2018, 35, 559-561  eDoctor: machine learning and the future of medicine. 2018, 284, 603-619  Smart cities in the era of artificial intelligence and internet of things. 2018,	1 133 14

250	Automatic cataract grading methods based on deep learning. <b>2019</b> , 182, 104978	29
249	Public Health and Epidemiology Informatics: Can Artificial Intelligence Help Future Global Challenges? An Overview of Antimicrobial Resistance and Impact of Climate Change in Disease Epidemiology. <b>2019</b> , 28, 224-231	15
248	Sustainable renewable energy planning and wind farming optimization from a biodiversity perspective. <b>2019</b> , 185, 1282-1297	20
247	Methods for algorithmic diagnosis of metabolic syndrome. <i>Artificial Intelligence in Medicine</i> , <b>2019</b> , 7-4	2
246	Sperm quality of rats exposed to difenoconazole using classical parameters and surface-enhanced Raman scattering: classification performance by machine learning methods. <b>2019</b> , 26, 35253-35265	5
245	Current status and applications of Artificial Intelligence (AI) in medical field: An overview. <b>2019</b> , 9, 231-237	36
244	Intelligent Artificial Intelligence: Present Considerations and Future Implications of Machine Learning Applied to Electrocardiogram Interpretation. <b>2019</b> , 12, e006021	
243	Machine learning in predicting graft failure following kidney transplantation: A systematic review of published predictive models. <b>2019</b> , 130, 103957	28
242	High-Resolution Class Activation Mapping. 2019,	3
241	Wikidata: A large-scale collaborative ontological medical database. <b>2019</b> , 99, 103292	14
241 240	Wikidata: A large-scale collaborative ontological medical database. <b>2019</b> , 99, 103292  Frontiers: Machines vs. Humans: The Impact of Artificial Intelligence Chatbot Disclosure on Customer Purchases. <b>2019</b> ,	14 67
·	Frontiers: Machines vs. Humans: The Impact of Artificial Intelligence Chatbot Disclosure on	
240	Frontiers: Machines vs. Humans: The Impact of Artificial Intelligence Chatbot Disclosure on Customer Purchases. <b>2019</b> ,	67
240	Frontiers: Machines vs. Humans: The Impact of Artificial Intelligence Chatbot Disclosure on Customer Purchases. 2019,  On big data, artificial intelligence and smart cities. 2019, 89, 80-91  The Current Research Landscape on the Artificial Intelligence Application in the Management of	67 308
240 239 238	Frontiers: Machines vs. Humans: The Impact of Artificial Intelligence Chatbot Disclosure on Customer Purchases. 2019,  On big data, artificial intelligence and smart cities. 2019, 89, 80-91  The Current Research Landscape on the Artificial Intelligence Application in the Management of Depressive Disorders: A Bibliometric Analysis. 2019, 16,  Deep learning as a predictive tool for fetal heart pregnancy following time-lapse incubation and	67 308 35
<ul><li>240</li><li>239</li><li>238</li><li>237</li></ul>	Frontiers: Machines vs. Humans: The Impact of Artificial Intelligence Chatbot Disclosure on Customer Purchases. 2019,  On big data, artificial intelligence and smart cities. 2019, 89, 80-91  The Current Research Landscape on the Artificial Intelligence Application in the Management of Depressive Disorders: A Bibliometric Analysis. 2019, 16,  Deep learning as a predictive tool for fetal heart pregnancy following time-lapse incubation and blastocyst transfer. 2019, 34, 1011-1018	67 308 35 96
240 239 238 237 236	Frontiers: Machines vs. Humans: The Impact of Artificial Intelligence Chatbot Disclosure on Customer Purchases. 2019,  On big data, artificial intelligence and smart cities. 2019, 89, 80-91  The Current Research Landscape on the Artificial Intelligence Application in the Management of Depressive Disorders: A Bibliometric Analysis. 2019, 16,  Deep learning as a predictive tool for fetal heart pregnancy following time-lapse incubation and blastocyst transfer. 2019, 34, 1011-1018  An Integrative Paradigm for Mental Health Care. 2019,  Evaluating and Using Medical Evidence in Integrative Mental Health Care: Literature Review,	67 308 35 96

232	Artificial Intelligence in Clinical Decision Support: Challenges for Evaluating AI and Practical Implications. <b>2019</b> , 28, 128-134	55
231	Artificial Intelligence in Medicine: Weighing the Accomplishments, Hype, and Promise. <b>2019</b> , 28, 257-262	10
230	Computational Drug Design Methods Current and Future Perspectives. 2019, 19-44	29
229	Beyond Digital InventionsDiffusion of Technology and Organizational Capabilities to Change. <b>2019</b> , 123-146	2
228	Diagnostic Efficacy and Therapeutic Decision-making Capacity of an Artificial Intelligence Platform for Childhood Cataracts in Eye Clinics: A Multicentre Randomized Controlled Trial. <b>2019</b> , 9, 52-59	63
227	The Role of Artificial Intelligence in the Prediction of Functional Maturation of Arteriovenous Fistula. <b>2019</b> , 12, 44-49	7
226	Applications of artificial neural networks in health care organizational decision-making: A scoping review. <i>PLoS ONE</i> , <b>2019</b> , 14, e0212356	146
225	Artificial Intelligence vs. Natural Stupidity: Evaluating AI readiness for the Vietnamese Medical Information System. <b>2019</b> , 8,	28
224	. 2019,	
223	Using hybrid systems in the construction of expert systems in the identification of cognitive and motor problems in children and young people. <b>2019</b> ,	5
222	Evaluation of a Deep Learning System For Identifying Glaucomatous Optic Neuropathy Based on Color Fundus Photographs. <b>2019</b> , 28, 1029-1034	14
221	Attitudes Of Chinese Cancer Patients Toward The Clinical Use Of Artificial Intelligence. <b>2019</b> , 13, 1867-1875	8
220	Artificial intelligence in dermatology: past, present, and future. <b>2019</b> , 132, 2017-2020	24
219	New Technologies for Glaucoma Detection. <b>2018</b> , 7, 394-404	1
218	Artificial Intelligence Applications in Type 2 Diabetes Mellitus Care: Focus on Machine Learning Methods. <b>2019</b> , 25, 248-261	25
217	Artificial Intelligence Based Hierarchical Clustering of Patient Types and Intervention Categories in Adult Spinal Deformity Surgery: Towards a New Classification Scheme that Predicts Quality and Value. <b>2019</b> , 44, 915-926	38
216	Current state and future prospects of artificial intelligence in ophthalmology: a review. <b>2019</b> , 47, 128-139	72
215	Peering Into the Black Box of Artificial Intelligence: Evaluation Metrics of Machine Learning Methods. <b>2019</b> , 212, 38-43	85

## (2020-2019)

214	Experimental exposure to gasohol impairs sperm quality with recognition of the classification pattern of exposure groups by machine learning algorithms. <b>2019</b> , 26, 3921-3931	5
213	The current state of artificial intelligence in ophthalmology. <b>2019</b> , 64, 233-240	73
212	Clinical decision support system for venous thromboembolism risk classification. <b>2019</b> , 15, 12-18	10
211	Computational intelligence-based model for diarrhea prediction using Demographic and Health Survey data. <b>2020</b> , 24, 5357-5366	6
210	Advanced Information Technologies and Techniques for Healthcare Digital Transformation and Adoption in Ophthalmology. <b>2020</b> , 19-62	1
209	An intelligent decision support system for production planning based on machine learning. <b>2020</b> , 31, 1257-1273	31
208	Cognitive informatics in health care. <b>2020</b> , 887-890	2
207	A(eye): A Review of Current Applications of Artificial Intelligence and Machine Learning in Ophthalmology. <b>2020</b> , 60, 57-71	27
206	Intelligence in the Internet of Medical Things era: A systematic review of current and future trends. <b>2020</b> , 150, 644-660	95
205	Can artificial intelligence achieve human-level performance? A pilot study of childhood sexual abuse detection in self-figure drawings. <b>2020</b> , 109, 104755	3
204	Artificial Intelligence in Subspecialties. <b>2020</b> , 267-396	
203	Evaluating artificial intelligence in medicine: phases of clinical research. <b>2020</b> , 3, 326-331	22
202	Supervised Machine Learning in Oncology: A Clinician's Guide. <b>2020</b> , 4, 73-81	10
201	Intelligence artificielle et sant, enjeux managfiaux, juridiques et thiques. <b>2020</b> , 29, 33-36	
200	Lay individuals' perceptions of artificial intelligence (AI)-empowered healthcare systems. <b>2020</b> , 57, e326	4
199	Personalized biomedicine in cancer: from traditional therapy to sustainable healthcare. <b>2020</b> , 441-457	
198	Decision Tree Learning for Uncertain Clinical Measurements. <b>2020</b> , 1-1	2
197	Comparative Survey of Machine Learning Techniques for Prediction of Parkinson's Disease. <b>2020</b> ,	O

196	Drug-drug similarity measure and its applications. <b>2021</b> , 22,	8
195	Application of Artificial Intelligence Algorithms to Estimate the Success Rate in Medically Assisted Procreation. <b>2020</b> , 1, 181-194	O
194	Preventing Patent Risks in Artificial Intelligence Industry for Sustainable Development: A Multi-Level Network Analysis. <b>2020</b> , 12, 8667	3
193	Intelligent Data Analysis for Medical Applications. <b>2020</b> , 333-346	
192	The combination of brain-computer interfaces and artificial intelligence: applications and challenges. <b>2020</b> , 8, 712	10
191	Contributions and Risks of Artificial Intelligence (AI) in Building Smarter Cities: Insights from a Systematic Review of the Literature. <b>2020</b> , 13, 1473	100
190	Using artificial intelligence to improve medical services in China. 2020, 8, 711	1
189	Innovative use of data sources: a cross-sectional study of data linkage and artificial intelligence practices across European countries. <b>2020</b> , 78, 55	7
188	Cancer diagnostics and treatment decisions using artificial intelligence. 2020, 117-141	1
187	A primer on artificial intelligence for the paediatric cardiologist. <b>2020</b> , 30, 934-945	4
186	Using health data repositories for developing clinical system software: a multi-objective fuzzy genetic approach. <b>2020</b> , 14, 254-264	1
185	Demystifying artificial intelligence in pharmacy. <b>2020</b> , 77, 1556-1570	6
184	The increasing value of eHealth in the delivery of patient-centred cancer care. 2020, 21, e240-e251	59
183	A Comprehensive Analysis Regarding Several Breakthroughs Based on Computer Intelligence Targeting Various Syndromes. <b>2020</b> , 5, 1	17
182	Restructured society and environment: A review on potential technological strategies to control the COVID-19 pandemic. <b>2020</b> , 725, 138858	143
181	Clinical decision support systems to improve the diagnosis and management of respiratory diseases. <b>2020</b> , 359-391	1
180	Application of machine learning in ophthalmic imaging modalities. <b>2020</b> , 7, 22	24
179	Reflection on modern methods: generalized linear models for prognosis and intervention-theory, practice and implications for machine learning. <b>2021</b> , 49, 2074-2082	15

178	Imitation or Efficiency? Aesthetics of Artificial Intelligence. 2021, 26, 475-486	0
177	Ingestible sensors, data, and pharmaceuticals: Subjectivity in the era of digital mental health. <b>2021</b> , 23, 2034-2051	5
176	Ethical implications of emotion mining in medicine. <b>2021</b> , 10, 191-195	0
175	Employability implications of artificial intelligence in healthcare ecosystem: responding with readiness. <b>2021</b> , 23, 73-94	2
174	Health Care Professional Association Agency in Preparing for Artificial Intelligence: Protocol for a Multi-Case Study (Preprint).	
173	Healthcare. <b>2021</b> , 183-195	
172	Smart Cities in the Era of Artificial Intelligence and Internet of Things: Promises and Challenges. <b>2021</b> , 259-288	4
171	Conceptualisation of Breast Cancer Domain Using Ontology. 2021, 3-9	
170	Artificial itelligence in medicine. <b>2021</b> , 67-87	1
169	Applications of Artificial Intelligence (AI) for cardiology during COVID-19 pandemic. <b>2021</b> , 2, 71-78	10
168	Impact of Artificial Intelligence in Health care: A Study. <b>2021</b> , 311-328	
167	Utilization of Self-Diagnosis Health Chatbots in Real-World Settings: Case Study. <b>2021</b> , 23, e19928	10
166	The Evolution of Artificial Intelligence in Medical Informatics: A Bibliometric Analysis. <b>2021</b> , 121-133	1
165	The impact of artificial intelligence along the insurance value chain and on the insurability of risks. 1	11
164	Application of an Anomaly Detection Model to Screen for Ocular Diseases Using Color Retinal Fundus Images: Design and Evaluation Study (Preprint).	
163	Machine Learning to Predict Treatment in Oropharyngeal Squamous Cell Carcinoma. <b>2021</b> , 1-8	О
162	Registered Trials on Artificial Intelligence Conducted in Emergency Department and Intensive Care Unit: A Cross-Sectional Study on ClinicalTrials.gov. <b>2021</b> , 8, 634197	2
161	Artificial intelligence in dermatology for the clinician. <b>2021</b> , 39, 667-672	4

160 Impact of Artificial Intelligence in the field of Health Care. **2021**, 1831, 012006

159	Data preparation for artificial intelligence in medical imaging: A comprehensive guide to open-access platforms and tools. <b>2021</b> , 83, 25-37	19
158	Development and Application of Artificial Intelligence in Auxiliary TCM Diagnosis. 2021, 2021, 6656053	4
157	Artificial Intelligence in Health Education.	
156	Predicting cardiac disease from interactions of simultaneously-acquired hemodynamic and cardiac signals. <b>2021</b> , 202, 105970	2
155	Use of Artificial Intelligence in Healthcare Systems: State-of-the-Art Survey. <b>2021</b> ,	
154	MACHINE LEARNING BASED CLINICAL DECISION SUPPORT SYSTEM TO PREDICT FETAL HYPOXIA IN WOMEN DURING ANTENATAL CHECK-UP <b>2021</b> , 82-90	
153	Health Care Professional Association Agency in Preparing for Artificial Intelligence: Protocol for a Multi-Case Study. <b>2021</b> , 10, e27340	
152	Deep Learning-Based Quantification of Visceral Fat Volumes Predicts Posttransplant Diabetes Mellitus in Kidney Transplant Recipients. <b>2021</b> , 8, 632097	О
151	The Importance of Research. <b>2021</b> , 232, 680-681	O
150	Construction of an artificial intelligence system in dermatology: effectiveness and consideration of Chinese Skin Image Database (CSID). <b>2021</b> , 1, 56-56	1
149	Use of artificial intelligence as an instrument of evaluation after stroke: a scoping review based on international classification of functioning, disability and health concept. <b>2021</b> , 1-16	O
148	Bayesian networks in healthcare: What is preventing their adoption?. <i>Artificial Intelligence in Medicine</i> , <b>2021</b> , 116, 102079	2
147	Multivariable prediction models for difficult direct laryngoscopy: Systematic review and literature metasynthesis. <b>2021</b> , 69, 88-88	
146	Artificial intelligence in healthcare. <b>2021</b> , 8, 102-115	
145	Development and validation of a risk index to predict kidney graft survival: the kidney transplant risk index. <b>2021</b> , 21, 127	O
144	The Ten Commandments of Ethical Medical AI. <b>2021</b> , 54, 119-123	21
143	A comprehensive scoping review of Bayesian networks in healthcare: Past, present and future.  Artificial Intelligence in Medicine, <b>2021</b> , 117, 102108  7-4	2

142	What is new in computer vision and artificial intelligence in medical image analysis applications. <b>2021</b> , 11, 3830-3853	2
141	Artificial intelligence to improve efficiency of administration of gross motor function assessment in children with cerebral palsy. <b>2021</b> ,	2
140	A review of patient-led data acquisition for atrial fibrillation detection to prevent stroke. <b>2021</b> , 69, 102818	4
139	Artificial intelligence-based public healthcare systems: G2G knowledge-based exchange to enhance the decision-making process. <b>2021</b> , 101618	6
138	Use of artificial intelligence for public health surveillance: a case study to develop a machine Learning-algorithm to estimate the incidence of diabetes mellitus in France. <b>2021</b> , 79, 168	2
137	Using convolutional neural networks for corneal arcus detection towards familial hypercholesterolemia screening. <b>2021</b> ,	
136	Novel nomogram for predicting the 3-year incidence risk of osteoporosis in a Chinese male population. <b>2021</b> , 10, 1111-1124	O
135	The Potential and the Imperative: the Gap in AI-Related Clinical Competencies and the Need to Close It <b>2021</b> , 31, 2055-2060	1
134	The Ethics of Psychological Artificial Intelligence: Clinical Considerations. <b>2021</b> , 66, 131-144	2
133	Challenges and opportunities in the application of artificial intelligence in gastroenterology and hepatology. <b>2021</b> , 27, 6191-6223	4
132	To err is human, not algorithmic iRobust reactions to erring algorithms. <b>2021</b> , 124, 106879	2
131	Unbox the black-box for the medical explainable AI via multi-modal and multi-centre data fusion: A mini-review, two showcases and beyond <b>2022</b> , 77, 29-52	41
130	Exploring healthcare professionals' perceptions of artificial intelligence: Validating a questionnaire using the e-Delphi method. <b>2021</b> , 7, 20552076211003433	4
129	Artificial intelligence in ophthalmology and healthcare: An updated review of the techniques in use. <b>2021</b> , 69, 8-13	O
128	The Impact of Artificial Intelligence on Traditional Chinese Medicine. 2021, 49, 1297-1314	8
127	Artificial Intelligence, Social Media and Depression. A New Concept of Health-Related Digital Autonomy. <b>2021</b> , 21, 4-20	19
126	Sub-optimal Patterns of Information Use: A Rational Analysis of Information Seeking Behavior in Critical Care. <b>2014</b> , 389-408	3
125	Knowledge-Based Personal Health System to empower outpatients of diabetes mellitus by means of P4 Medicine. <b>2015</b> , 1246, 237-57	8

124	Clinical Decision Support Systems and Predictive Analytics. <b>2020</b> , 317-355	2
123	MED-IS-IN, an Intelligent Web App for Recognizing Non-prescription Drugs. <b>2018</b> , 273-292	1
122	Decision Making Based on Quality-of-Information a Clinical Guideline for Chronic Obstructive Pulmonary Disease Scenario. <b>2010</b> , 417-424	2
121	Exploiting Fuzzy Expert Systems in Cardiology. <b>2013</b> , 80-89	2
120	Kfistliche Intelligenz im Gesundheitswesen. <b>2019</b> , 33-46	4
119	A Classification Model Based on an Adaptive Neuro-fuzzy Inference System for Disease Prediction. <b>2021</b> , 131-149	3
118	A review of medical artificial intelligence. <b>2020</b> , 4, 42-45	8
117	Bayesian Networks in Healthcare: the chasm between research enthusiasm and clinical adoption.	2
116	Artificial intelligence in reproductive medicine. <b>2019</b> , 158, R139-R154	34
115	Using Neural Networks with Routine Health Records to Identify Suicide Risk: Feasibility Study. <b>2018</b> , 5, e10144	23
114	Physician Confidence in Artificial Intelligence: An Online Mobile Survey. <b>2019</b> , 21, e12422	58
113	Modeling Research Topics for Artificial Intelligence Applications in Medicine: Latent Dirichlet Allocation Application Study. <b>2019</b> , 21, e15511	9
112	Artificial intelligence in modern medicine- evolving necessity of the present and role in transforming the future of medical care (Preprint).	2
111	What can Mathematics say about unsolved problems in Medicine?. 001-002	2
110	Research on CBR-RBR Fusion Reasoning Model and Its Application in Medical Treatment. <b>2015</b> , 431-434	2
109	ARTIFICIAL INTELLIGENCE IN BUSINESS AND ECONOMICS RESEARCH: TRENDS AND FUTURE. <b>2020</b> , 22, 98-117	11
108	Knowledge Discovery and Data Mining Applications in the Healthcare Industry. 2016, 1097-1118	1
107	A General Medical Diagnosis System Formed by Artificial Neural Networks and Swarm Intelligence Techniques. <b>2018</b> , 130-145	1

106	Use of Artificial Intelligence in Dermatology. <b>2020</b> , 65, 352-357	5
105	The impact of artificial intelligence in medicine on the future role of the physician. <b>2019</b> , 7, e7702	136
104	Artificial Intelligence in Modern Medicine - The Evolving Necessity of the Present and Role in Transforming the Future of Medical Care. <b>2020</b> , 12, e8041	6
103	Doctor Ex Machina: A Critical Assessment of the Use of Artificial Intelligence in Health Care <b>2022</b> , 47, 155-178	2
102	Machine Learning-Based Prediction for 4-Year Risk of Metabolic Syndrome in Adults: A Retrospective Cohort Study. <b>2021</b> , 14, 4361-4368	0
101	Advanced Point-of-Care Testing Technologies for Human Acute Respiratory Virus Detection. <b>2021</b> , e2103646	16
100	Les activits de gestion de soins : un cadre d'tude privilgi'de la cognition en situation naturelle. <b>2010</b> , 73, 293	
99	Modernization of Healthcare and Medical Diagnosis System Using Multi Agent System (MAS). <b>2013</b> , 592-622	
98	An Adequate Representation of Medical Data Based on Partial Set Approximation. 2013, 120-128	1
97	Introduction to Medical Applications of Artificial Intelligence. <b>2013</b> , 1-8	1
96	Reflections on the Role of Cognitive Science in Biomedical Informatics. <b>2014</b> , 467-475	
95	Automating Medicine the Ethical Way. <b>2015</b> , 223-232	3
94	As redes neurais artificiais e o ensino da medicina. <b>2014</b> , 38, 548-556	3
93	A Comparison of Hybrid Neural Network Based Breast Cancer Diagnosis Systems. <b>2015</b> , 633-639	
92	Modernization of Healthcare and Medical Diagnosis System Using Multi Agent System (MAS). <b>2015</b> , 1426-1455	5
91	Knowledge Discovery and Data Mining Applications in the Healthcare Industry. <b>2015</b> , 241-262	
90	Medical Computational Thinking: Computer Scientific Reasoning in the Medical Curriculum. 2017, 85-98	
89	Big Data and Data Science Applications for Independent and Healthy Living. 2018, 77-111	Ο

88 Chapter 7. Argumentation in doctor-patient interaction. 109-122

87	Medical Diagnosis. <b>2018,</b> 1-11	
86	Knowledge Discovery and Data Mining Applications in the Healthcare Industry. 2018, 2161-2182	
85	Artificial Intelligence. <b>2019</b> , 347-378	1
84	Physician Confidence in Artificial Intelligence: An Online Mobile Survey (Preprint).	
83	A General Medical Diagnosis System Formed by Artificial Neural Networks and Swarm Intelligence Techniques. <b>2019</b> , 788-803	
82	Future of Artificial Intelligence in Anesthetics and Pain Management. <b>2019</b> , 07, 111-118	О
81	KI in Gesundheit und Medizin. <b>2020</b> , 385-395	O
80	Utilization of Self-Diagnosis Health Chatbots in Real-World Settings: Case Study (Preprint).	
79	Transfer Learning with Convolutional Neural Network for Gastrointestinal Diseases Detection using Endoscopic Images. <b>2020</b> ,	O
78	Artificial Intelligence and Surgical Education: A Systematic Scoping Review of Interventions. <b>2021</b> , 79, 500-500	3
77	Machine Learning Applications in the Diagnosis of Benign and Malignant Hematological Diseases. <b>2021</b> , 3, 13-20	1
76	Extending capabilities of artificial intelligence for decision-making and healthcare education. <b>2020</b> , 17, 53	1
75	Key references. <b>2020</b> , 481-502	
74	El ultrasonido, de la cabecera del paciente al aula. <b>2020</b> , 63, 48-55	O
73	The Role of Artificial Intelligence in Clinical Decision Support Systems and a Classification Framework. <b>2020</b> , 390-409	
72	The Role of Artificial Intelligence in Clinical Decision Support Systems and a Classification Framework. <b>2020</b> , 167-186	O
71	Detection of Chronic Disease in Primary Care Using Artificial Intelligence Techniques. <b>2020</b> , 195-219	

70	What Makes Artificial Intelligence Exceptional in Health Technology Assessment?. 2021, 4, 736697	1
69	Agile Leadership Model in Health Care: Organizational and Individual Antecedents and Outcomes. <b>2020</b> , 47-68	O
68	AIM and the History of Medicine. <b>2021</b> , 1-12	
67	Performance Assessment on the Application of Artificial Intelligence to Sustainable Supply Chain Management in the Construction Material Industry. <b>2021</b> , 13, 12767	4
66	A cybernetic framework for predicting preterm and enhancing care strategies: A review. <b>2021</b> , 2, 100024	2
65	Can people experience romantic love for artificial intelligence? An empirical study of intelligent assistants. <b>2022</b> , 59, 103595	3
64	Very Small Neural Networks for Optical Classification of Fish Images and Videos. 2020,	0
63	RtNet: a deep hybrid neural networks for the identification of acute rejection and chronic allograft nephropathy after renal transplantation using multiparametric MRI 2022,	O
62	Current and Future Applications of Artificial Intelligence in Coronary Artery Disease 2022, 10,	2
61	Sophisticated Embedding of Artificial Intelligence Techniques in Biomedical Engineering. <b>2022</b> , 583-590	
60	A Common Ground for , , and Brain and Mental. <b>2021</b> , 247-258	
59	AIM and the History of Medicine. <b>2022</b> , 203-214	
58	Artificial Intelligence an Influential Review: Pandemic Scenario. 2022,	
57	Artificial Intelligence or Augmented Intelligence? Impact on our lives, rights and ethics. <b>2022</b> , 200, 1846-1856	O
56	Multivariable prediction models for difficult direct laryngoscopy: Systematic review and literature metasynthesis <b>2022</b> ,	1
55	Application of AI and ML Techniques for Revolutionized Health Care System. 2022,	
54	Localization and Edge-Based Segmentation of Lumbar Spine Vertebrae to Identify the Deformities Using Deep Learning Models <b>2022</b> , 22,	3
53	Artificial intelligence in imaging of coronary artery disease: current applications and future perspective. <b>2022</b> , 5, 10-19	

52	Effectiveness of Artificial Intelligence Models for Cardiovascular Disease Prediction: Network Meta-Analysis <b>2022</b> , 2022, 5849995		4
51	Interdisciplinary Collaboration Opportunities, Challenges and Solutions for Artificial Intelligence in Ultrasound <b>2022</b> ,		
50	Artificial Intelligence in Pediatric Pathology: The Extinction of a Medical Profession or the Key to a Bright Future?. <b>2022</b> , 10935266211059809		1
49	An artificial intelligence model (euploid prediction algorithm) can predict embryo ploidy status based on time-lapse data <b>2021</b> , 19, 185		2
48	A Survey on Automated Eye Disease Detection using Computer Vision Based Techniques. 2021,		О
47	Application of Artificial Intelligence in Medicine: An Overview. <b>2021</b> , 41, 1105		5
46	Application of artificial intelligence in clinical diagnosis and treatment: an overview of systematic reviews. <b>2021</b> ,		О
45	Central Hypovolemia Detection During Environmental Stress-A Role for Artificial Intelligence?. <b>2021</b> , 12, 784413		1
44	A Comprehensive Study of Explainable Artificial Intelligence in Healthcare. <b>2022</b> , 475-502		3
43	An Image Diagnosis Algorithm for Keratitis Based on Deep Learning. 1		1
42	Role of three-dimensional printing and artificial intelligence in the management of hepatocellular carcinoma: Challenges and opportunities <b>2022</b> , 14, 765-793		0
41	Clinical algorithms for management of third stage abnormalities 2022,		
40	Artificial Intelligence and Public Health. <b>2022</b> , 3-12		
39	Introduction. <b>2022,</b> 1-12		
38	Examining Physicians Explanatory Reasoning in Re-Diagnosis Scenarios for Improving Al Diagnostic Systems. <i>Journal of Cognitive Engineering and Decision Making</i> , 155534342210851	2.5	1
37	AI beyond Deus ex Machina iReimagining Intelligence in Future Cities with Urban Experts. 2022,		О
36	Salkta Yapay Zekan Kullan Alanlar Derine Nitel Bir Arall ma. European Journal of Science and Technology,	0.4	
35	SinGAN-Seg: Synthetic training data generation for medical image segmentation <i>PLoS ONE</i> , <b>2022</b> , 17, e0267976	3.7	3

34	Classification of Underwater Fish Images and Videos via Very Small Convolutional Neural Networks. <i>Journal of Marine Science and Engineering</i> , <b>2022</b> , 10, 736	2.4	1
33	Turing Test Inspired Method for Analysis of Biases Prevalent in Artificial Intelligence-Based Medical Imaging.		
32	Expert Systems in Behavioral and Mental Healthcare: Applications of AI in Decision-Making and Consultancy. <b>2022</b> , 147-186		
31	Insight into the Internet of Medical Things (IoMT): Health Services and Applications. 2022,		
30	Textual classifier method applied for medical texts: transfer learning of ResNet on images converted from textual data (Preprint).		
29	Artificial Intelligence in Medical Devices: Past, Present and Future. <b>2022</b> , 1, 101-106		3
28	Computer Based Diagnosis of Some Chronic Diseases: A Medical Journey of the Last Two Decades. <i>Archives of Computational Methods in Engineering</i> ,	7.8	1
27	Artificial Intelligence Model for Antiinterference Cataract Automatic Diagnosis: A Diagnostic Accuracy Study. <i>Frontiers in Cell and Developmental Biology</i> , 10,	5.7	O
26	Anaphylaxis in France: From health policies to clinical practice. A position statement from the French Allergy Society. <b>2022</b> ,		
25	The Use of Machine Learning in MicroRNA Diagnostics: Current Perspectives. 2022, 11,		
24	Smart Diagnostics: Combining Artificial Intelligence and In Vitro Diagnostics. <b>2022</b> , 22, 6355		1
23	Artificial intelligence in healthcare: Should it be included in the medical curriculum? A students□ perspective. 35, 56-58		
22	An Al-driven Digital Health solution to support clinical management of long COVID patients: prospective multicenter observational study (Preprint).		0
21	Knowledge, attitude, and practice of artificial intelligence among doctors and medical students in Syria: A cross-sectional online survey. 5,		O
20	Implementation Studies for AI-Based Tools in Healthcare Should Consider Clinician Competencies: Negative Findings from a Scoping Review (Preprint).		О
19	Use Case Evaluation and Digital Workflow of Breast Cancer Care by Artificial Intelligence and Blockchain Technology Application. <b>2022</b> , 10, 2100		O
18	Turing test-inspired method for analysis of biases prevalent in artificial intelligence-based medical imaging.		O
17	Clinical Cognition and AI: From Emulation to Symbiosis. <b>2022</b> , 109-133		O

16	Reflections and Projections. <b>2022</b> , 539-551	О
15	Al in Medicine: Some Pertinent History. <b>2022</b> , 21-50	О
14	Considering Clinician Competencies for the Implementation of Artificial Intelligence <b>B</b> ased Tools in Health Care: Findings From a Scoping Review (Preprint).	О
13	Internet of Medical Things (IoMedT) vs Internet of Things (IoT). <b>2023</b> , 27-37	O
12	Perception and knowledge of artificial intelligence in healthcare, therapy and diagnostics: A population-representative survey.	O
11	Regional anaesthesia for Ambulatory Surgery. <b>2022</b> ,	О
10	S E RS-Based Biosensors Combined with Machine Learning for Medical Application**. <b>2023</b> , 12,	1
9	Artificial intelligence (AI) acceptance in primary care during the coronavirus pandemic: What is the role of patients' gender, age and health awareness? A two-phase pilot study. 10,	Ο
8	Application of artificial intelligence tools in diagnosis and treatmentof mental disorders. 2023, 1-18	О
7	Computational approaches in drug discovery and design. <b>2023</b> , 53-93	O
6	Role of AI in ADME/Tox toward formulation optimization and delivery. 2023, 301-345	О
5	The use of artificial intelligence-based innovations in the health sector in Tanzania: A scoping review. <b>2023</b> , 12, 100728	O
4	Clinician-Facing AI in the Wild: Taking Stock of the Sociotechnical Challenges and Opportunities for HCI. <b>2023</b> , 30, 1-39	О
3	A Review of the Scope, Future, and Effectiveness of Using Artificial Intelligence in Cardiac Rehabilitation: A Call to Action for the Kingdom of Saudi Arabia. <b>2023</b> , 37,	O
2	An overview of the Internet of medical things (IoMT): Applications, benefits, and challenges. <b>2023</b> , 83-98	0
1	AI Applications in Smart Cities Between Advantages and Security Challenge. <b>2023</b> , 144-155	O