Theodoros N Arvanitis

List of Publications by Year
in descending order

178	4,168	109321 35	144013 57
papers	citations	h-index	g-index

189	189	189	5932
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A constrained leastâ€squares approach to the automated quantitation of in vivo ¹H magnetic resonance spectroscopy data. Magnetic Resonance in Medicine, 2011, 65, 1-12.	3.0	273
2	Patients' online access to their electronic health records and linked online services: a systematic interpretative review. BMJ Open, 2014, 4, e006021-e006021.	1.9	179
3	Dynamic Range and Mass Accuracy of Wide-Scan Direct Infusion Nanoelectrospray Fourier Transform Ion Cyclotron Resonance Mass Spectrometry-Based Metabolomics Increased by the Spectral Stitching Method. Analytical Chemistry, 2007, 79, 4595-4602.	6.5	170
4	Human factors and qualitative pedagogical evaluation of a mobile augmented reality system for science education used by learners with physical disabilities. Personal and Ubiquitous Computing, 2009, 13, 243-250.	2.8	164
5	Patientsâ€™ online access to their electronic health records and linked online services: a systematic review in primary care. British Journal of General Practice, 2015, 65, e141-e151.	1.4	149
6	Birmingham Metabolite Library: a publicly accessible database of 1-D 1H and 2-D 1H J-resolved NMR spectra of authentic metabolite standards (BML-NMR). Metabolomics, 2012, 8, 8-18.	3.0	137
7	A new approach to toxicity testing in Daphnia magna: application of high throughput FT-ICR mass spectrometry metabolomics. Metabolomics, 2009, 5, 44-58.	3.0	118
8	Identification and characterisation of childhood cerebellar tumours by in vivo proton MRS. NMR in Biomedicine, 2008, 21, 908-918.	2.8	106
9	A systematic review of positron emission tomography (PET) and positron emission tomography/computed tomography (PET/CT) for the diagnosis of breast cancer recurrence. Health Technology Assessment, 2010, 14, 1-103.	2.8	99
10	An algorithm for the automated quantitation of metabolites in in vitro NMR signals. Magnetic Resonance in Medicine, 2006, 56, 1211-1219.	3.0	79
11	HealthAgents: distributed multi-agent brain tumor diagnosis andÂprognosis. Applied Intelligence, 2009, 30, 191-202.	5.3	78
12	Barriers and facilitators to public access defibrillation in out-of-hospital cardiac arrest: a systematic review. European Heart Journal Quality of Care & Clinical Outcomes, 2017, 3, 264-273.	4.0	77
13	Effectiveness of an e-learning course in evidence-based medicine for foundation (internship) training. Journal of the Royal Society of Medicine, 2010, 103, 288-294.	2.0	67
14	COVID-19: A new digital dawn?. Digital Health, 2020, 6, 205520762092008.	1.8	66
15	A signal filtering method for improved quantification and noise discrimination in fourier transform ion cyclotron resonance mass spectrometry-based metabolomics data. Journal of the American Society for Mass Spectrometry, 2009, 20, 1087-1095.	2.8	65
16	Threeâ€dimensional textural features of conventional MRI improve diagnostic classification of childhood brain tumours. NMR in Biomedicine, 2015, 28, 1174-1184.	2.8	64
17	Non-invasive detection of glycine as a biomarker of malignancy in childhood brain tumours using in-vivo ¹ H MRS at 1.5 Tesla confirmed by ex-vivo high-resolution magic-angle spinning NMR. NMR in Biomedicine, 2010, 23, 80-87.	2.8	63
18	Metabolic Changes in Flatfish Hepatic Tumours Revealed by NMR-Based Metabolomics and Metabolic Correlation Networks. Journal of Proteome Research, 2008, 7, 5277-5285.	3.7	60

#	Article	IF	Citations
19	The effectiveness of a clinically integrated e-learning course in evidence-based medicine: A cluster randomised controlled trial. BMC Medical Education, 2009, 9, 21.	2.4	60
20	Translational Medicine and Patient Safety in Europe: TRANSFoRmâ€"Architecture for the Learning Health System in Europe. BioMed Research International, 2015, 2015, 1-8.	1.9	60
21	Functional imaging in adult and paediatric brain tumours. Nature Reviews Clinical Oncology, 2012, 9, 700-711.	27.6	58
22	Influence of epoch length on measurement of dynamic functional connectivity in wakefulness and behavioural validation in sleep. NeuroImage, 2015, 112, 169-179.	4.2	56
23	Magnetic resonance spectroscopy metabolite profiles predict survival in paediatric brain tumours. European Journal of Cancer, 2013, 49, 457-464.	2.8	53
24	Envisioning a Learning Health Care System: The Electronic Primary Care Research Network, A Case Study. Annals of Family Medicine, 2012, 10, 54-59.	1.9	49
25	Uses of accelerometer data collected from a wearable system. Personal and Ubiquitous Computing, 2007, 11, 117-132.	2.8	48
26	Harmonising Evidence-based medicine teaching: a study of the outcomes of e-learning in five European countries. BMC Medical Education, 2008, 8, 27.	2.4	48
27	Texture analysis ofT₁- andT₂-weighted MR images and use of probabilistic neural network to discriminate posterior fossa tumours in children. NMR in Biomedicine, 2014, 27, 632-639.	2.8	48
28	A clinically integrated curriculum in Evidence-based Medicine for just-in-time learning through on-the-job training: The EU-EBM project. BMC Medical Education, 2007, 7, 46.	2.4	47
29	Radiomics in paediatric neuroâ€oncology: A multicentre study on MRI texture analysis. NMR in Biomedicine, 2018, 31, e3781.	2.8	46
30	In Vitro Metabonomic Study Detects Increases in UDP-GlcNAc and UDP-GalNAc, as Early Phase Markers of Cisplatin Treatment Response in Brain Tumor Cells. Journal of Proteome Research, 2011, 10, 3493-3500.	3.7	43
31	Altered thalamocortical and intra-thalamic functional connectivity during light sleep compared with wake. NeuroImage, 2016, 125, 657-667.	4.2	41
32	The design of the SensVest. Personal and Ubiquitous Computing, 2005, 9, 6-19.	2.8	40
33	Magnetic resonance spectroscopy in the assessment of pilocytic astrocytomas. European Journal of Cancer, 2008, 44, 2640-2647.	2.8	40
34	How can we teach EBM in clinical practice? An analysis of barriers to implementation of on-the-job EBM teaching and learning. Medical Teacher, 2011, 33, e125-e130.	1.8	40
35	Assessing the Wearability of Wearable Computers. Proceedings International Symposium on Wearable Computers, 2006, , .	0.0	37
36	A unified structural/terminological interoperability framework based on LexEVS: application to TRANSFoRm. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 986-994.	4.4	37

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37	Noninvasive Detection of Glutamate Predicts Survival in Pediatric Medulloblastoma. Clinical Cancer Research, 2014, 20, 4532-4539.	7.0	37
38	Computational modelling of left-ventricular diastolic mechanics: Effect of fibre orientation and right-ventricle topology. Journal of Biomechanics, 2015, 48, 604-612.	2.1	37
39	Comparison of functional thalamic segmentation from seed-based analysis and ICA. NeuroImage, 2015, 114, 448-465.	4.2	37
40	The use of short-echo-time 1H MRS for childhood cerebellar tumours prior to histopathological diagnosis. Pediatric Radiology, 2007, 37, 1101-1109.	2.0	36
41	Increased unsaturation of lipids in cytoplasmic lipid droplets in DAOY cancer cells in response to cisplatin treatment. Metabolomics, 2013, 9, 722-729.	3.0	33
42	A standardised graphic method for describing data privacy frameworks in primary care research using a flexible zone model. International Journal of Medical Informatics, 2014, 83, 941-957.	3.3	31
43	Clinical protocols for 31P MRS of the brain and their use in evaluating optic pathway gliomas in children. European Journal of Radiology, 2014, 83, e106-e112.	2.6	30
44	Clinical Data Integration Model. Methods of Information in Medicine, 2015, 54, 16-23.	1.2	30
45	In vivo estimation of passive biomechanical properties of human myocardium. Medical and Biological Engineering and Computing, 2018, 56, 1615-1631.	2.8	30
46	E-health for active ageing; A systematic review. Maturitas, 2018, 114, 34-40.	2.4	30
47	Chest wall motion analysis in healthy volunteers and adults with cystic fibrosis using a novel Kinect-based motion tracking system. Medical and Biological Engineering and Computing, 2016, 54, 1631-1640.	2.8	29
48	Application of pattern recognition techniques for classification of pediatric brain tumors by in vivo 3T ¹Hâ€MR spectroscopyâ€”A multiâ€center study. Magnetic Resonance in Medicine, 2018, 79, 2359-2366.	3.0	29
49	Distinguishing between paediatric brain tumour types using multi-parametric magnetic resonance imaging and machine learning: A multi-site study. NeuroImage: Clinical, 2020, 25, 102172.	2.7	29
50	The use of computer-interpretable clinical guidelines to manage care complexities of patients with multimorbid conditions: A review. Digital Health, 2018, 4, 205520761880492.	1.8	28
51	Teaching trainers to incorporate evidence-based medicine (EBM) teaching in clinical practice: the EU-EBM project. BMC Medical Education, 2009, 9, 59.	2.4	27
52	1H magnetic resonance spectroscopy in the diagnosis of paediatric low grade brain tumours. European Journal of Radiology, 2013, 82, e295-e301.	2.6	26
53	Classification of paediatric brain tumours by diffusion weighted imaging and machine learning. Scientific Reports, 2021, 11, 2987.	3.3	25
54	eSource for clinical trials: Implementation and evaluation of a standards-based approach in a real world trial. International Journal of Medical Informatics, 2017, 106, 17-24.	3.3	24

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55	The value of magnetic resonance spectroscopy in tumour imaging. Archives of Disease in Childhood, 2008, 93, 725-727.	1.9	21
56	A Collaborative Platform for Management of Chronic Diseases via Guideline-Driven Individualized Care Plans. Computational and Structural Biotechnology Journal, 2019, 17, 869-885.	4.1	21
57	Risk factors for readmission of inpatients with diabetes: A systematic review. Journal of Diabetes and Its Complications, 2019, 33, 398-405.	2.3	21
58	Diagnosing relapse in children's brain tumors using metabolite profiles. Neuro-Oncology, 2014, 16, 156-164.	1.2	20
59	Automated feature extraction for the classification of humanin vivo13C NMR spectra using statistical pattern recognition and wavelets. Magnetic Resonance in Medicine, 1996, 35, 834-840.	3.0	19
60	The Primary Care Research Object Model (PCROM): A Computable Information Model for Practice-based Primary Care Research. Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 661-670.	4.4	19
61	A Human Factors Study of Technology Acceptance of a Prototype Mobile Augmented Reality System for Science Education. Advanced Science Letters, 2011, 4, 3342-3352.	0.2	18
62	How far did we get? How far to go?â€¨A European survey on postgraduate courses in evidenceâ€based medicine. Journal of Evaluation in Clinical Practice, 2009, 15, 1196-1204.	1.8	17
63	Short echo time single voxel 1H magnetic resonance spectroscopy in the diagnosis and characterisation of pineal tumours in children. Pediatric Blood and Cancer, 2011, 57, 972-977.	1.5	17
64	Objective Metrics for the Evaluation of Simple Surgical Skills in Real and Virtual Domains. Presence: Teleoperators and Virtual Environments, 2003, 12, 207-221.	0.6	16
65	A comparative study of feature extraction and blind source separation of independent component analysis (ICA) on childhood brain tumour ¹H magnetic resonance spectra. NMR in Biomedicine, 2009, 22, 809-818.	2.8	16
66	How are "teaching the teachers" courses in evidence based medicine evaluated? A systematic review. BMC Medical Education, 2010, 10, 64.	2.4	16
67	MRS water resonance frequency in childhood brain tumours: a novel potential biomarker of temperature and tumour environment. NMR in Biomedicine, 2014, 27, 1222-1229.	2.8	16
68	Reject analysis: a pilot programme for image quality management. European Journal of Radiology, 1991, 12, 171-176.	2.6	15
69	A multistage perceptual quality assessment for compressed digital angiogram images. IEEE Transactions on Medical Imaging, 2001, 20, 1352-1361.	8.9	15
70	Statistical properties of core network Internet traffic. Electronics Letters, 2002, 38, 350.	1.0	15
71	Communication, Knowledge and Co-ordination Management in Globally Distributed Software Development: Informed by a scientific Software Engineering Case Study. , 2009, , .		15
72	A comparison between simulated and experimental basis sets for assessing shortâ€TE in vivo¹H MRS data at 1.5 T. NMR in Biomedicine, 2010, 23, 1117-1126.	2.8	14

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73	Nursesâ€™ Perceptions of Joint Commission International Accreditation on Patient Safety in Tertiary Care in South Korea: A Pilot Study. Journal of Nursing Regulation, 2020, 10, 30-36.	2.2	14
74	Mobile consulting (mConsulting) and its potential for providing access to quality healthcare for populations living in low-resource settings of low- and middle-income countries. Digital Health, 2020, 6, 205520762091959.	1.8	14
75	Combining multi-site magnetic resonance imaging with machine learning predicts survival in pediatric brain tumors. Scientific Reports, 2021, 11, 18897.	3.3	14
76	Evaluation of patient perception towards dynamic health data sharing using blockchain based digital consent with the Dovetail digital consent application: A cross sectional exploratory study. Digital Health, 2020, 6, 205520762092494.	1.8	14
77	Fair weighted round robin scheduling scheme for DiffServ networks. Electronics Letters, 2003, 39, 333.	1.0	13
78	Generating prior probabilities for classifiers of brain tumours using belief networks. BMC Medical Informatics and Decision Making, 2007, 7, 27.	3.0	13
79	Timing and correction of stepping movements with a virtual reality avatar. PLoS ONE, 2020, 15, e0229641.	2.5	13
80	A method for machine learning generation of realistic synthetic datasets for validating healthcare applications. Health Informatics Journal, 2022, 28, 146045822210770.	2.1	13
81	Influence of Signal Preprocessing on ICA-Based EEG Decomposition. IFMBE Proceedings, 2014, , 734-737.	0.3	12
82	Adapting the Unified Theory of Acceptance and Use of Technology (UTAUT) as a Tool for Validating User Needs on the Implementation of e-Trial Software Systems. , 2011, , .		12
83	WWW creates new interactive 3D graphics and collaborative environments for medical research and education. International Journal of Medical Informatics, 1997, 47, 69-73.	3.3	11
84	MRS thermometry calibration at 3â€‰T: effects of protein, ionic concentration and magnetic field strength. NMR in Biomedicine, 2015, 28, 792-800.	2.8	10
85	Building software agents for training systems: A case study on radiotherapy treatment planning. Knowledge-Based Systems, 1997, 10, 161-168.	7.1	9
86	The size of cytoplasmic lipid droplets varies between tumour cell lines of the nervous system: a 1H NMR spectroscopy study. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2012, 25, 479-485.	2.0	9
87	Using Evolutional Properties of Gene Networks in Understanding Survival Prognosis of Glioblastoma. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 810-816.	6.3	9
88	Passive diastolic modelling of human ventricles: Effects of base movement and geometrical heterogeneity. Journal of Biomechanics, 2017, 52, 95-105.	2.1	9
89	Mobile consulting as an option for delivering healthcare services in low-resource settings in low- and middle-income countries: A mixed-methods study. Digital Health, 2021, 7, 205520762110334.	1.8	9
90	Network Visualisation and Analysis Tool Based on Logical Network Abridgment. , 0, , .		8

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91	A Model for the Electronic Support of Practice-Based Research Networks. Annals of Family Medicine, 2012, 10, 560-567.	1.9	8
92	How to confidently teach EBM on foot: development and evaluation of a web-based e-learning course. Evidence-Based Medicine, 2013, 18, 170-172.	0.6	8
93	Extension of the primary care research object model (PCROM) as clinical research information model (CRIM) for the learning healthcare system. BMC Medical Informatics and Decision Making, 2014, 14, 118.	3.0	8
94	Welcome to the Digital Health revolution. Digital Health, 2015, 1, 205520761456157.	1.8	7
95	Prospective multicentre evaluation and refinement of an analysis tool for magnetic resonance spectroscopy of childhood cerebellar tumours. Pediatric Radiology, 2018, 48, 1630-1641.	2.0	7
96	Integrated Care in Prostate Cancer (ICARE-P): Nonrandomized Controlled Feasibility Study of Online Holistic Needs Assessment, Linking the Patient and the Health Care Team. JMIR Research Protocols, 2017, 6, e147.	1.0	7
97	Metabolite selection for machine learning in childhood brain tumour classification. NMR in Biomedicine, 2022, 35, e4673.	2.8	7
98	Understanding students' problem-solving performance in the context of programming-in-the-small: an ethnographic field study. , 0, , .		6
99	<title>Three-dimensional capture, representation, and manipulation of Cuneiform tablets</title>. , 2001, 4298, 103.		6
100	A hybrid method of application of independent component analysis to inâ€‰vivo¹H MR spectra of childhood brain tumours. NMR in Biomedicine, 2012, 25, 594-606.	2.8	6
101	Effect of fibre orientation on diastolic mechanics of human ventricle. , 2015, 2015, 6523-6.		6
102	A systematic review considering risk factors for mortality of patients discharged from hospital with a diagnosis of diabetes. Journal of Diabetes and Its Complications, 2020, 34, 107705.	2.3	6
103	Improving collaboration between primary care research networks using Access Grid technology. Journal of Innovation in Health Informatics, 2008, 16, 51-58.	0.9	6
104	Investigating survival prognosis of glioblastoma using evolutional properties of gene networks. , 2012, , .		5
105	The lipid composition of isolated cytoplasmic lipid droplets from a human cancer cell line, BE(2)M17. Molecular BioSystems, 2012, 8, 1694.	2.9	5
106	Metabolite Levels in Paediatric Brain Tumours Correlate with Histological Features. Pathobiology, 2018, 85, 157-168.	3.8	5
107	Ex vivo metabolite profiling of paediatric central nervous system tumours reveals prognostic markers. Scientific Reports, 2019, 9, 10473.	3.3	5
108	Quantitative assessment of pregnancy outcome following recurrent miscarriage clinic care: a prospective cohort study. BMJ Open, 2022, 12, e052661.	1.9	5

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109	Personalised Care Plan Management Utilizing Guideline-Driven Clinical Decision Support Systems. Studies in Health Technology and Informatics, 2018, 247, 750-754.	0.3	5
110	Magnetic resonance image-based brain tumour segmentation methods: A systematic review. Digital Health, 2022, 8, 205520762210741.	1.8	5
111	Linked Metabolites: A tool for the construction of directed metabolic graphs. Computers in Biology and Medicine, 2010, 40, 340-349.	7.0	4
112	Dissociating effects of stimulus identity and load on working memory attentional guidance: Lengthening encoding time eliminates the effect of load but not identity. Quarterly Journal of Experimental Psychology, 2012, 65, 1475-1483.	1.1	4
113	Magnetic Resonance Texture Analysis: Optimal Feature Selection in Classifying Child Brain Tumors. IFMBE Proceedings, 2014, , 309-312.	0.3	4
114	An intranet database for pacemaker patients. International Journal of Medical Informatics, 1997, 47, 79-82.	3.3	3
115	Large-scale behaviour of packet-switched networks: theoretical analysis framework. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2005, 461, 933-955.	2.1	3
116	The development of a graphical user interface, functional elements and classifiers for the non-invasive characterization of childhood brain tumours using magnetic resonance spectroscopy. Knowledge Engineering Review, 2011, 26, 353-363.	2.6	3
117	Transform: Implementing a Learning Healthcare System in Europe through Embedding Clinical Research into Clinical Practice. , 2015, , .		3
118	Sensitivity encoding for fast ¹H MR spectroscopic imaging water reference acquisition. Magnetic Resonance in Medicine, 2015, 73, 2081-2086.	3.0	3
119	A Novel Hierarchical Template Matching Model for Cardiac Motion Estimation. Scientific Reports, 2018, 8, 4475.	3.3	3
120	Diabetes and the direct secondary use of electronic health records: Using routinely collected and stored data to drive research and understanding. Digital Health, 2018, 4, 205520761880465.	1.8	3
121	Hierarchical Template Matching for 3D Myocardial Tracking and Cardiac Strain Estimation. Scientific Reports, 2019, 9, 12450.	3.3	3
122	Supporting early clinical careers in digital health: Nurturing the next generation. Digital Health, 2020, 6, 205520761989979.	1.8	3
123	Digital Health: The journal's pioneering journey 6 years on. Digital Health, 2021, 7, 205520762110340.	1.8	3
124	Virtual Reality in Medicine. , 2006, , 59-67.		3
125	Added value of magnetic resonance spectroscopy for diagnosing childhood cerebellar tumours. NMR in Biomedicine, 2022, 35, e4630.	2.8	3
126	An Integrated Care Platform System (C3-Cloud) for Care Planning, Decision Support, and Empowerment of Patients With Multimorbidity: Protocol for a Technology Trial. JMIR Research Protocols, 2022, 11, e21994.	1.0	3

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127	Detailed clinical modelling approach to data extraction from heterogeneous data sources for clinical research. AMIA Summits on Translational Science Proceedings, 2014, 2014, 55-9.	0.4	3
128	On the ensemble average capacity of multiple-input multiple-output channels in outdoor line-of-sight multipath urban environments. Radio Science, 2007, 42, n/a-n/a.	1.6	2
129	Resilient Recursive Routing in Communication Networks. , 0, , 485-507.		2
130	Mortality statistics in England and Wales: the SARS-CoV-2 paradox. Journal of International Medical Research, 2020, 48, 030006052093129.	1.0	2
131	Application of standardised effect sizes to hospital discharge outcomes for people with diabetes. BMC Medical Informatics and Decision Making, 2020, 20, 150.	3.0	2
132	South Asian health: what is to be done?. BMJ: British Medical Journal, 2004, 328, 839.1.	2.3	2
133	Automated Processing Pipeline for Texture Analysis of Childhood Brain Tumours based on Multimodal Magnetic Resonance Imaging. , 2013, , .		2
134	A federated collaborative care cure cloud architecture for addressing the needs of multi-morbidity and managing poly-pharmacy (c3-cloud project). International Journal of Integrated Care, 2017, 17, 182.	0.2	2
135	User-Centered Design of the C3-Cloud Platform for Elderly with Multiple Diseases - Functional Requirements and Application Testing. Studies in Health Technology and Informatics, 2019, 264, 843-847.	0.3	2
136	Digitally enabled flash glucose monitoring for inpatients with COVID-19: Feasibility and pilot implementation in a teaching NHS Hospital in the UK. Digital Health, 2022, 8, 205520762110593.	1.8	2
137	Localisation, Personalisation and Delivery of Best Practice Guidelines on an Integrated Care and Cure Cloud Architecture: The C3-Cloud Approach to Managing Multimorbidity. Studies in Health Technology and Informatics, 2020, 270, 623-627.	0.3	2
138	Generation of Realistic Synthetic Validation Healthcare Datasets Using Generative Adversarial Networks. Studies in Health Technology and Informatics, 2020, 272, 322-325.	0.3	2
139	Quality assessment methods for wavelet-compressed digital angiogram images. , 1999, , .		1
140	<title>Windowed multimedia report communication: a platform-independent means for specifying the presentation of procedure products in PACS</title>. , 1999, 3662, 16.		1
141	<title>Platform-independent means for specifying presentation of electronic patient record content including images</title>. , 2000, 3980, 211.		1
142	<title>Modeling network infrastructure and performance evaluation for PACS: DICOM over ethernet-based TCP/IP</title>. , 2001, , .		1
143	Developments in Vehicle-to-vehicle Communications. , 2005, , 353-370.		1
144	Satisfying Design Constraints for Automotive Safety-Critical Systems. , 2007, , .		1

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145	Magnetic Resonance Spectroscopy of Pediatric Brain Tumors. , 2013, , 45-60.		1
146	Cytoplasmic lipid droplets in nervous system tumour cell lines: Size and lipid species as analysed by 1H nuclear magnetic resonance spectroscopy. Biomedical Spectroscopy and Imaging, 2013, 2, 9-19.	1.2	1
147	TRANSFoRm Query Workbench. Journal of Clinical Bioinformatics, 2015, 5, S16.	1.2	1
148	Multicentre study of perfusion magnetic resonance imaging in paediatric brain tumours. Neuro-Oncology, 2019, 21, iv10-iv10.	1.2	1
149	Short-acquisition-time JPRESS and its application to paediatric brain tumours. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2019, 32, 247-258.	2.0	1
150	On a Theory of Interacting Queues. Lecture Notes in Computer Science, 2002, , 769-777.	1.3	1
151	Welcome Message from the Scientific Programme Committee. Journal of Medical Internet Research, 0, 1, e1.	4.3	1
152	Management of personalised guideline-driven care plans addressing the needs of multi-morbidity via clinical decision support services. International Journal of Integrated Care, 2018, 18, 132.	0.2	1
153	Understanding and De-risking the Dependencies between Operator and Manufacturer of Clinical IT. Studies in Health Technology and Informatics, 2015, 213, 197-200.	0.3	1
154	Education and Training: Topol digital fellowship aspirants: Understanding the motivations, priorities and experiences of the next generation of digital health leaders. Future Healthcare Journal, 2022, 9, 51-56.	1.4	1
155	Concurrent Execution of Multiple Computer-interpretable Clinical Practice Guidelines and Their Interrelations. Studies in Health Technology and Informatics, 2019, 262, 7-10.	0.3	1
156	Safety Justification of Healthcare Applications Using Synthetic Datasets. Studies in Health Technology and Informatics, 2020, 272, 35-38.	0.3	1
157	A Method of Justifying Confidence in the Safety of Digital Health Interventions. Studies in Health Technology and Informatics, 2020, 272, 179-182.	0.3	1
158	<title>Windowed images communication: a platform-independent means for specifying display of sets of images in PACS</title>. , 1998, , .		0
159	The Design of Safety Architectures for Automotive Electronics Systems Using Constraint Satisfaction Methods. , 0, , .		0
160	An eyetracking study of estimation accuracy: Examining cerebellar tumours from Magnetic resonance spectroscopy graphs. , 2008, , .		0
161	4101 ORAL Multicentre Prospective Classification of Childhood Brain Tumours Using Magnetic Resonance Spectroscopy. European Journal of Cancer, 2011, 47, S284.	2.8	0
162	TRANSFoRm eCRF. Journal of Clinical Bioinformatics, 2015, 5, S17.	1.2	0

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163	TB-21METABOLISM AS A PREDICTOR OF SURVIVAL IN CHILDREN'S BRAIN TUMOURS. Neuro-Oncology, 2016, 18, iii172.3-iii172.	1.2	0
164	A framework for synthesis of safety justification for digitally enabled healthcare services. Digital Health, 2017, 3, 205520761770427.	1.8	0
165	IMG-06. PREDICTING SURVIVAL FROM PERFUSION AND DIFFUSION MRI BY MACHINE LEARNING. Neuro-Oncology, 2020, 22, iii356-iii356.	1.2	0
166	Association between glycosylated haemoglobin and outcomes for patients discharged from hospital with diabetes: A health informatics approach. Digital Health, 2021, 7, 205520762110076.	1.8	0
167	Identifying Myocardial Infarction Using Hierarchical Template Matchingâ€"Based Myocardial Strain: Algorithm Development and Usability Study. JMIR Medical Informatics, 2021, 9, e22164.	2.6	0
168	A Simple Pricing Scheme for DiffServ Networks. IFIP Advances in Information and Communication Technology, 2003, , 161-172.	0.7	0
169	Virtual Reality in Medicine. , 2008, , 846-854.		0
170	Localisation, Registration and Visualisation of MRS Volumes of Interest on MR Images. IFMBE Proceedings, 2010, , 256-259.	0.3	0
171	Modelling a User Authorisation and Data Access Framework for Multi-specialty Research Systems in Secondary Health Care. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 105-108.	0.3	0
172	Evaluation of a novel chest wall motion analysis system in cystic fibrosis and healthy volunteers. , 2015, , .		0
173	Development and validation of a low-cost chest wall motion assessment system. , 2015, , .		0
174	Organizational and care model analysis for c3-cloud deployment preparation. International Journal of Integrated Care, 2018, 18, 335.	0.2	0
175	Evaluating data across care boundaries: integrated care in the context of multi-morbidity. International Journal of Integrated Care, 2019, 19, 3.	0.2	0
176	Facilitating coordinated Care for Multi-morbidity patients through integrated preventive Clinical Decision Support (C3-Cloud). International Journal of Integrated Care, 2019, 19, 29.	0.2	0
177	Drug Interaction Advisory Service for Clinical Decision Support of Multimordity Patient Centric Care Plans in the C3-Cloud System. Studies in Health Technology and Informatics, 2019, 262, 388-391.	0.3	0
178	B06 What is the best location for a defibrillator to improve OHCA coverage?. Resuscitation, 2022, 175, S4.	3.0	0