Martin Dugas

List of Publications by Year
in descending order

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247 papers	7,816 citations	87888 38 h-index	66911 78 g-index
270 all docs	270 docs citations	270 times ranked	12624 citing authors

#	Article	IF	Citations
1	Understanding the Nature of Metadata: Systematic Review. Journal of Medical Internet Research, 2022, 24, e25440.	4.3	17
2	Machine learning based prediction models in male reproductive health: Development of a proofâ€ofâ€concept model for Klinefelter Syndrome in azoospermic patients. Andrology, 2022, 10, 534-544.	3.5	6
3	InterCellar enables interactive analysis and exploration of cellâ^'cell communication in single-cell transcriptomic data. Communications Biology, 2022, 5, 21.	4.4	10
4	Benchmarking atlas-level data integration in single-cell genomics. Nature Methods, 2022, 19, 41-50.	19.0	403
5	Design of a targeted nextâ€generation DNA sequencing panel for pediatric Tâ€cell lymphoblastic lymphoma to unravel biology and optimize treatment. Genes Chromosomes and Cancer, 2022, 61, 459-470.	2.8	2
6	A GWAS in Idiopathic/Unexplained Infertile Men Detects a Genomic Region Determining Follicle-Stimulating Hormone Levels. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 2350-2361.	3.6	4
7	Single-cell transcriptomics identifies potential cells of origin of MYC rhabdoid tumors. Nature Communications, 2022, 13, 1544.	12.8	9
8	Curcumin as an Epigenetic Therapeutic Agent in Myelodysplastic Syndromes (MDS). International Journal of Molecular Sciences, 2022, 23, 411.	4.1	2
9	Smarcb1 Loss Results in a Deregulation of esBAF Binding and Impacts the Expression of Neurodevelopmental Genes. Cells, 2022, 11, 1354.	4.1	2
10	Noncancer-related Secondary Findings in a Cohort of 231 Children With Cancer and Their Parents. Journal of Pediatric Hematology/Oncology, 2022, Publish Ahead of Print, .	0.6	2
11	Recurrent Germline Variant in RAD21 Predisposes Children to Lymphoblastic Leukemia or Lymphoma. International Journal of Molecular Sciences, 2022, 23, 5174.	4.1	2
12	ELaPro, a LOINC-mapped core dataset for top laboratory procedures of eligibility screening for clinical trials. BMC Medical Research Methodology, 2022, 22, 141.	3.1	7
13	ATRT-15. Primordial germ cells identified as one potential cell of origin of MYC rhabdoid tumors. Neuro-Oncology, 2022, 24, i6-i6.	1.2	0
14	ODM-DQA-Reporter: A Generic Approach to Assess and Monitor Basic Data Quality of Medical Research Data in Operational Data Model (ODM) Format. Studies in Health Technology and Informatics, 2022, , .	0.3	0
15	Clinical relevance of molecular characteristics in Burkitt lymphoma differs according to age. Nature Communications, 2022, 13, .	12.8	28
16	Reconstructing clonal evolution in relapsed and non-relapsed Burkitt lymphoma. Leukemia, 2021, 35, 639-643.	7.2	16
17	A proof of concept phase I/II pilot trial of LSD1 inhibition by tranylcypromine combined with ATRA in refractory/relapsed AML patients not eligible for intensive therapy. Leukemia, 2021, 35, 701-711.	7.2	56
18	Integrative genomic analysis of pediatric T-cell lymphoblastic lymphoma reveals candidates of clinical significance. Blood, 2021, 137, 2347-2359.	1.4	31

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19	The burden in chronic prurigo: patients with chronic prurigo suffer more than patients with chronic pruritus on nonâ€lesional skin. Journal of the European Academy of Dermatology and Venereology, 2021, 35, 738-743.	2.4	25
20	Immunophenotyping in pemphigus reveals a TH17/TFH17 cellâ€“dominated immune response promoting desmoglein1/3-specific autoantibody production. Journal of Allergy and Clinical Immunology, 2021, 147, 2358-2369.	2.9	44
21	Pruritus Intensity Scales across Europe: a prospective validation study. Journal of the European Academy of Dermatology and Venereology, 2021, 35, 1176-1185.	2.4	17
22	Mutation patterns in recurrent and/or metastatic oropharyngeal squamous cell carcinomas in relation to human papillomavirus status. Cancer Medicine, 2021, 10, 1347-1356.	2.8	9
23	Comparison of Open-access Databases for Clinical Variant Interpretation in Cancer: A Case Study of MDS/AML. Cancer Genomics and Proteomics, 2021, 18, 157-166.	2.0	6
24	Multicenter Next-Generation Sequencing Studies between Theory and Practice. Journal of Molecular Diagnostics, 2021, 23, 347-357.	2.8	1
25	Common Data Elements for Meaningful Stroke Documentation in Routine Care and Clinical Research: Retrospective Data Analysis. JMIR Medical Informatics, 2021, 9, e27396.	2.6	0
26	An Open-Source, Standard-Compliant, and Mobile Electronic Data Capture System for Medical Research (OpenEDC): Design and Evaluation Study. JMIR Medical Informatics, 2021, 9, e29176.	2.6	3
27	Comprehensive germline-genomic and clinical profiling in 160 unselected children and adolescents with cancer. European Journal of Human Genetics, 2021, 29, 1301-1311.	2.8	32
28	Defective Interfering Genomes and the Full-Length Viral Genome Trigger RIG-I After Infection With Vesicular Stomatitis Virus in a Replication Dependent Manner. Frontiers in Immunology, 2021, 12, 595390.	4.8	16
29	Serum concentrations of dihydrotestosterone are associated with symptoms of hypogonadism in biochemically eugonadal men. Journal of Endocrinological Investigation, 2021, 44, 2465-2474.	3.3	5
30	Less severe course of COVID-19 is associated with elevated levels of antibodies against seasonal human coronaviruses OC43 and HKU1 (HCoV OC43, HCoV HKU1). International Journal of Infectious Diseases, 2021, 105, 304-306.	3.3	42
31	Portal of Medical Data Models: Stakeholder Feedback and Requirements. Studies in Health Technology and Informatics, 2021, 281, 488-489.	0.3	0
32	FhirExtinguisher: A FHIR Resource Flattening Tool Using FHIRPath. Studies in Health Technology and Informatics, 2021, 281, 1112-1113.	0.3	4
33	Pragmatic MDR: a metadata repository with bottom-up standardization of medical metadata through reuse. BMC Medical Informatics and Decision Making, 2021, 21, 160.	3.0	4
34	A Seamless Pseudonymization and Randomization Workflow for REDCap. Studies in Health Technology and Informatics, 2021, 281, 952-956.	0.3	0
35	Patient Empowerment Through Digital Voice Pens: A Feasibility Study. Studies in Health Technology and Informatics, 2021, 278, 29-34.	0.3	0
36	Comparing SDTM and FHIRÂ® for Real World Data from Electronic Health Records for Clinical Trial Submissions. Studies in Health Technology and Informatics, 2021, 281, 585-589.	0.3	2

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37	MainzelHandler: A Library for a Simple Integration and Usage of the Mainzelliste. Studies in Health Technology and Informatics, 2021, 281, 233-237.	0.3	0
38	ODM Clinical Data Generator: Syntactically Correct Clinical Data Based on Metadata Definition. Studies in Health Technology and Informatics, 2021, 278, 35-40.	0.3	0
39	A Topical Collection on ICT for Health Science Research â€“ EFMI Special Topic Conference. Journal of Medical Systems, 2021, 45, 70.	3.6	3
40	Lack of antibodies against seasonal coronavirus OC43 nucleocapsid protein identifies patients at risk of critical COVID-19. Journal of Clinical Virology, 2021, 139, 104847.	3.1	37
41	Design and Implementation of an Informatics Infrastructure for Standardized Data Acquisition, Transfer, Storage, and Export in Psychiatric Clinical Routine: Feasibility Study. JMIR Mental Health, 2021, 8, e26681.	3.3	4
42	Persistent symptoms and lab abnormalities in patients who recovered from COVID-19. Scientific Reports, 2021, 11, 12775.	3.3	36
43	O-089 A Genome Wide Association Study in men with unexplained infertility identifies nine SNPs at the FSHB locus to be associated with Follicle Stimulating Hormone level. Human Reproduction, 2021, 36, .	0.9	0
44	Whole-genome methylation analysis of testicular germ cells from cryptozoospermic men points to recurrent and functionally relevant DNA methylation changes. Clinical Epigenetics, 2021, 13, 160.	4.1	12
45	Differential transcript usage analysis of bulk and single-cell RNA-seq data with DTUrtle. Bioinformatics, 2021, 37, 3781-3787.	4.1	10
46	SimFFPE and FilterFFPE: improving structural variant calling in FFPE samples. GigaScience, 2021, 10, .	6.4	4
47	Calcitonin receptor-like (CALCRL) is a marker of stemness and an independent predictor of outcome in pediatric AML. Blood Advances, 2021, 5, 4413-4421.	5.2	9
48	Germline POT1 Deregulation Can Predispose to Myeloid Malignancies in Childhood. International Journal of Molecular Sciences, 2021, 22, 11572.	4.1	8
49	Recurrent Germline Variant in the Cohesin Complex Gene RAD21 Predisposes Children to Lymphoblastic Leukemia and Lymphoma. Blood, 2021, 138, 3358-3358.	1.4	0
50	Final Induction Therapy Results of an Open Label Phase II Study Using Inotuzumab Ozogamicin for Induction Therapy, Followed By a Conventional Chemotherapy Based Consolidation and Maintenance Therapy in Patients Aged 56 Years and Older with Acute B-Lymphoblastic Leukemia (INITIAL-1 trial). Blood, 2021, 138, 2300-2300.	1.4	9
51	Novel Germline POT1 Variant Predisposes to Childhood Acute Myeloid Leukemia. Blood, 2021, 138, 3449-3449.	1.4	0
52	Validation of the Qualms Questionnaire to Assess Health-Related Quality of Life in European and Israeli Patients with Myelodysplastic Syndromes: Results from the MDS-Right Project. Blood, 2021, 138, 1982-1982.	1.4	1
53	Divergent Effects of EZH1 and EZH2 Protein Expression on the Prognosis of Patients with T-Cell Lymphomas. Biomedicines, 2021, 9, 1842.	3.2	6
54	StudyPortal â€“ Geovisualization of Study Research Networks. Journal of Medical Systems, 2020, 44, 22.	3.6	2

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55	Macrophage-tumor cell interaction promotes ATRT progression and chemoresistance. Acta Neuropathologica, 2020, 139, 913-936.	7.7	24
56	Bi-allelic Mutations in M1AP Are a Frequent Cause of Meiotic Arrest and Severely Impaired Spermatogenesis Leading to Male Infertility. American Journal of Human Genetics, 2020, 107, 342-351.	6.2	68
57	The Male Fertility Gene Atlas: a web tool for collecting and integrating OMICS data in the context of male infertility. Human Reproduction, 2020, 35, 1983-1990.	0.9	13
58	Association of contact to small children with a mild course of COVID-19. International Journal of Infectious Diseases, 2020, 100, 314-315.	3.3	12
59	CopyDetective: Detection thresholdâ€“aware copy number variant calling in whole-exome sequencing data. GigaScience, 2020, 9, .	6.4	5
60	The sperm epigenome does not display recurrent epimutations in patients with severely impaired spermatogenesis. Clinical Epigenetics, 2020, 12, 61.	4.1	23
61	Conceptual Design, Implementation, and Evaluation of Generic and Standard-Compliant Data Transfer into Electronic Health Records. Applied Clinical Informatics, 2020, 11, 374-386.	1.7	10
62	Does the FSHB c.â€211G>T polymorphism impact Sertoli cell number and the spermatogenic potential in infertile patients?. Andrology, 2020, 8, 1030-1037.	3.5	11
63	Chronic nodular prurigo: clinical profile and burden. A European crossâ€sectional study. Journal of the European Academy of Dermatology and Venereology, 2020, 34, 2373-2383.	2.4	44
64	AMLVaran: a software approach to implement variant analysis of targeted NGS sequencing data in an oncological care setting. BMC Medical Genomics, 2020, 13, 17.	1.5	4
65	Feasibility, Safety and Effects of a One-Week, Ski-Based Exercise Intervention in Brain Tumor Patients and Their Relatives: A Pilot Study. Journal of Clinical Medicine, 2020, 9, 1006.	2.4	3
66	Site-specific methylation of 18S ribosomal RNA by SNORD42A is required for acute myeloid leukemia cell proliferation. Blood, 2020, 135, 2059-2070.	1.4	52
67	ATRT-13. DIFFERENT CELLS OF ORIGIN PAVE THE WAY FOR MOLECULAR HETEROGENEITY IN RHABDOID TUMORS. Neuro-Oncology, 2020, 22, iii278-iii278.	1.2	0
68	ATRT-14. MACROPHAGE-TUMOR CELL INTERACTION PROMOTES ATRT PROGRESSION AND CHEMORESISTANCE. Neuro-Oncology, 2020, 22, iii278-iii278.	1.2	0
69	Repeated Digitized Assessment of Risk and Symptom Profiles During Inpatient Treatment of Affective Disorder: Observational Study. JMIR Mental Health, 2020, 7, e24066.	3.3	6
70	The Smart Device System for Movement Disorders: Preliminary Evaluation of Diagnostic Accuracy in a Prospective Study. Studies in Health Technology and Informatics, 2020, 270, 889-893.	0.3	6
71	Evaluation of openEHR Repositories Regarding Standard Compliance. Studies in Health Technology and Informatics, 2020, 270, 592-596.	0.3	1
72	Benchmarking of 4C-seq pipelines based on real and simulated data. Bioinformatics, 2019, 35, 4938-4945.	4.1	6

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73	EMR-integrated minimal core dataset for routine health care and multiple research settings: A case study for neuroinflammatory demyelinating diseases. PLoS ONE, 2019, 14, e0223886.	2.5	10
74	Genetic alterations in human papillomavirus-associated oropharyngeal squamous cell carcinoma of patients with treatment failure. Oral Oncology, 2019, 93, 59-65.	1.5	10
75	Safeguard function of PU.1 shapes the inflammatory epigenome of neutrophils. Nature Immunology, 2019, 20, 546-558.	14.5	40
76	A Smart Device System to Identify New Phenotypical Characteristics in Movement Disorders. Frontiers in Neurology, 2019, 10, 48.	2.4	21
77	Infectious stimuli promote malignant B-cell acute lymphoblastic leukemia in the absence of AID. Nature Communications, 2019, 10, 5563.	12.8	21
78	Crossâ€European validation of the ItchyQoL in pruritic dermatoses. Journal of the European Academy of Dermatology and Venereology, 2019, 33, 391-397.	2.4	38
79	Core Data Elements in Acute Myeloid Leukemia: A Unified Medical Language Systemâ€“Based Semantic Analysis and Expertsâ€™ Review. JMIR Medical Informatics, 2019, 7, e13554.	2.6	9
80	Common Data Elements for Acute Coronary Syndrome: Analysis Based on the Unified Medical Language System. JMIR Medical Informatics, 2019, 7, e14107.	2.6	7
81	Compatible Data Models at Design Stage of Medical Information Systems: Leveraging Related Data Elements from the MDM Portal. Studies in Health Technology and Informatics, 2019, 264, 113-117.	0.3	6
82	Data Structures in Medicineâ€”On the Road to Data Standards. , 2019, , 263-270.		0
83	Reviving 30 Year Old Technology: Lessons Learned from Transferring Patient Data Using Data Matrix Codes. Studies in Health Technology and Informatics, 2019, 258, 90-94.	0.3	0
84	Interoperability Improvement of Mobile Patient Survey (MoPat) Implementing Fast Health Interoperability Resources (FHIR). Studies in Health Technology and Informatics, 2019, 258, 141-145.	0.3	3
85	StudyPortal - A Novel Method to Visualize Study Research Networks. Studies in Health Technology and Informatics, 2019, 258, 163.	0.3	0
86	Portal of Medical Data Models: Status 2018. Studies in Health Technology and Informatics, 2019, 258, 239-240.	0.3	0
87	Electronic Image Documentation of Patient Reported Outcomes Using Mobile Technologies. Studies in Health Technology and Informatics, 2019, 264, 1779-1780.	0.3	0
88	Loss of Pax5 Exploits Sca1-BCR-ABLp190 Susceptibility to Confer the Metabolic Shift Essential for pB-ALL. Cancer Research, 2018, 78, 2669-2679.	0.9	37
89	VIPER: a web application for rapid expert review of variant calls. Bioinformatics, 2018, 34, 1928-1929.	4.1	7
90	Effects of computerized decision support system implementations on patient outcomes in inpatient care: a systematic review. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 593-602.	4.4	98

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91	Genetic predisposition in children with cancer â€“ affected families' acceptance of Trio-WES. European Journal of Pediatrics, 2018, 177, 53-60.	2.7	30
92	European academy of dermatology and venereology European prurigo project: expert consensus on the definition, classification and terminology of chronic prurigo. Journal of the European Academy of Dermatology and Venereology, 2018, 32, 1059-1065.	2.4	150
93	Electronic Collection of Multilingual Patient-Reported Outcomes across Europe. Methods of Information in Medicine, 2018, 57, e107-e114.	1.2	9
94	Connecting healthcare and clinical research: Workflow optimizations through seamless integration of EHR, pseudonymization services and EDC systems. International Journal of Medical Informatics, 2018, 119, 103-108.	3.3	24
95	CDEGenerator: an online platform to learn from existing data models to build model registries. Clinical Epidemiology, 2018, Volume 10, 961-970.	3.0	13
96	Temporal autoregulation during human PU.1 locus SubTAD formation. Blood, 2018, 132, 2643-2655.	1.4	12
97	appreci8: a pipeline for precise variant calling integrating 8 tools. Bioinformatics, 2018, 34, 4205-4212.	4.1	26
98	ODM Data Analysisâ€"A tool for the automatic validation, monitoring and generation of generic descriptive statistics of patient data. PLoS ONE, 2018, 13, e0199242.	2.5	6
99	Humanistic burden of chronic pruritus in patients with inflammatory dermatoses: Results of the European Academy of Dermatology and Venereology Network on Assessment of Severity and Burden of Pruritus (PruNet) cross-sectional trial. Journal of the American Academy of Dermatology, 2018, 79, 457-463.e5.	1.2	58
100	Lmo2 expression defines tumor cell identity during Tâ€cell leukemogenesis. EMBO Journal, 2018, 37, .	7.8	32
101	Online Information Infrastructure Increases Inter-Rater Reliability of Medical Coders: A Quasi-Experimental Study (Preprint). Journal of Medical Internet Research, 2018, 20, e274.	4.3	5
102	Compatibility Between Metadata Standards: Import Pipeline of CDISC ODM to the Samply.MDR. Studies in Health Technology and Informatics, 2018, 247, 221-225.	0.3	0
103	Standardising the Development of ODM Converters: The ODMToolBox. Studies in Health Technology and Informatics, 2018, 247, 231-235.	0.3	1
104	A Web Service to Suggest Semantic Codes Based on the MDM-Portal. Studies in Health Technology and Informatics, 2018, 253, 35-39.	0.3	2
105	Conducting a Multilingual Study Researching Traumatised Refugees Utilizing a Patient-Reported Outcome System. Studies in Health Technology and Informatics, 2018, 253, 109-113.	0.3	0
106	Evaluating Variant Calling Tools for Non-Matched Next-Generation Sequencing Data. Scientific Reports, 2017, 7, 43169.	3.3	185
107	Infection as a cause of childhood leukemia: virus detection employing whole genome sequencing. Haematologica, 2017, 102, e179-e183.	3.5	20
108	Clonal evolution in myelodysplastic syndromes. Nature Communications, 2017, 8, 15099.	12.8	118

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109	Infection Exposure Promotes ETV6-RUNX1 Precursor B-cell Leukemia via Impaired H3K4 Demethylases. Cancer Research, 2017, 77, 4365-4377.	0.9	76
110	Impact of Molecular Genetics on Outcome in Myelofibrosis Patients after Allogeneic Stem Cell Transplantation. Biology of Blood and Marrow Transplantation, 2017, 23, 1095-1101.	2.0	89
111	Loss of the histone methyltransferase EZH2 induces resistance to multiple drugs in acute myeloid leukemia. Nature Medicine, 2017, 23, 69-78.	30.7	192
112	AML1-ETO requires enhanced C/D box snoRNA/RNP formation to induce self-renewal and leukaemia. Nature Cell Biology, 2017, 19, 844-855.	10.3	132
113	BBCAnalyzer: a visual approach to facilitate variant calling. BMC Bioinformatics, 2017, 18, 133.	2.6	0
114	Leveraging the EHR4CR platform to support patient inclusion in academic studies: challenges and lessons learned. BMC Medical Research Methodology, 2017, 17, 36.	3.1	9
115	S2O â€“ A software tool for integrating research data from general purpose statistic software into electronic data capture systems. BMC Medical Informatics and Decision Making, 2017, 17, 3.	3.0	3
116	Chronic pruritus: evaluation of patient needs and treatment goals with a special regard to differences according to pruritus classification and sex. British Journal of Dermatology, 2017, 176, 363-370.	1.5	29
117	GLM-based optimization of NGS data analysis: A case study of Roche 454, Ion Torrent PGM and Illumina NextSeq sequencing data. PLoS ONE, 2017, 12, e0171983.	2.5	7
118	Medizininformatik. , 2017, , 81-223.		0
119	Automatic Conversion of Metadata from the Study of Health in Pomerania to ODM. Studies in Health Technology and Informatics, 2017, 236, 88-96.	0.3	3
120	Automated Transformation of CDISC ODM to OpenClinica. Studies in Health Technology and Informatics, 2017, 243, 95-99.	0.3	1
121	Operational Data Model Conversion to ResearchKit. Studies in Health Technology and Informatics, 2017, 245, 225-229.	0.3	0
122	A Secure Architecture to Provide a Medical Emergency Dataset for Patients in Germany and Abroad. Studies in Health Technology and Informatics, 2017, 245, 230-234.	0.3	0
123	What Information Does Your EHR Contain? Automatic Generation of a Clinical Metadata Warehouse (CMDW) to Support Identification and Data Access Within Distributed Clinical Research Networks. Studies in Health Technology and Informatics, 2017, 245, 313-317.	0.3	1
124	The Portal of Medical Data Models: Where Have We Been and Where Are We Going?. Studies in Health Technology and Informatics, 2017, 245, 858-862.	0.3	3
125	Medical Effect of Venous Thromboembolism Prophylaxis Systems and Common Input Categories: Preliminary Findings from a Systematic Review. Studies in Health Technology and Informatics, 2017, 245, 1175-1179.	0.3	1
126	ODMedit: uniform semantic annotation for data integration in medicine based on a public metadata repository. BMC Medical Research Methodology, 2016, 16, 65.	3.1	31

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127	ODMSummary: A Tool for Automatic Structured Comparison of Multiple Medical Forms Based on Semantic Annotation with the Unified Medical Language System. PLoS ONE, 2016, 11, e0164569.	2.5	9
128	Sharing clinical trial data. Lancet, The, 2016, 387, 2287.	13.7	4
129	Portal of medical data models: information infrastructure for medical research and healthcare. Database: the Journal of Biological Databases and Curation, 2016, 2016, bav121.	3.0	50
130	Increased DNA methylation of Dnmt3b targets impairs leukemogenesis. Blood, 2016, 127, 1575-1586.	1.4	38
131	Myeloid leukemia with transdifferentiation plasticity developing from Tâ€cell progenitors. EMBO Journal, 2016, 35, 2399-2416.	7.8	17
132	Common data elements for secondary use of electronic health record data for clinical trial execution and serious adverse event reporting. BMC Medical Research Methodology, 2016, 16, 159.	3.1	31
133	Design of case report forms based on a public metadata registry: re-use of data elements to improve compatibility of data. Trials, 2016, 17, 566.	1.6	6
134	European <scp>EADV</scp> network on assessment of severity and burden of Pruritus (PruNet): first meeting on outcome tools. Journal of the European Academy of Dermatology and Venereology, 2016, 30, 1144-1147.	2.4	41
135	Azacitidine in combination with intensive induction chemotherapy in older patients with acute myeloid leukemia: The AML-AZA trial of the study alliance leukemia. Leukemia, 2016, 30, 555-561.	7.2	47
136	Key Data Elements in Myeloid Leukemia. Studies in Health Technology and Informatics, 2016, 228, 282-6.	0.3	3
137	Implementation of an ODM and HL7 Compliant Electronic Patient-Reported Outcome System. Studies in Health Technology and Informatics, 2016, 228, 421-5.	0.3	3
138	Converting ODM Metadata to FHIR Questionnaire Resources. Studies in Health Technology and Informatics, 2016, 228, 456-60.	0.3	7
139	Epigenetic dysregulation of K_{Ca}3.1 channels induces poor prognosis in lung cancer. International Journal of Cancer, 2015, 137, 1306-1317.	5.1	75
140	Clinical Research Informatics: Recent Advances and Future Directions. Yearbook of Medical Informatics, 2015, 24, 174-177.	1.0	7
141	Using Electronic Health Records to Support Clinical Trials: A Report on Stakeholder Engagement for EHR4CR. BioMed Research International, 2015, 2015, 1-8.	1.9	8
142	Memorandum â€œOpen Metadataâ€• Methods of Information in Medicine, 2015, 54, 376-378.	1.2	18
143	Frequency Analysis of Medical Concepts in Clinical Trials and their Coverage in MeSH and SNOMED-CT. Methods of Information in Medicine, 2015, 54, 83-92.	1.2	20
144	Efficiency and effectiveness evaluation of an automated multi-country patient count cohort system. BMC Medical Research Methodology, 2015, 15, 44.	3.1	4

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145	BRCC3 mutations in myeloid neoplasms. Haematologica, 2015, 100, 1051-7.	3.5	20
146	Next-generation-sequencing of recurrent childhood high hyperdiploid acute lymphoblastic leukemia reveals mutations typically associated with high risk patients. Leukemia Research, 2015, 39, 990-1001.	0.8	32
147	Success criteria for electronic medical record implementations in low-resource settings: a systematic review. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 479-488.	4.4	96
148	MYST2 acetyltransferase expression and Histone H4 Lysine acetylation are suppressed in AML. Experimental Hematology, 2015, 43, 794-802.e4.	0.4	19
149	Inherited and Somatic Defects in DDX41 in Myeloid Neoplasms. Cancer Cell, 2015, 27, 658-670.	16.8	341
150	Infection Exposure Is a Causal Factor in B-cell Precursor Acute Lymphoblastic Leukemia as a Result of Pax5-Inherited Susceptibility. Cancer Discovery, 2015, 5, 1328-1343.	9.4	117
151	ODM2CDA and CDA2ODM: Tools to convert documentation forms between EDC and EHR systems. BMC Medical Informatics and Decision Making, 2015, 15, 40.	3.0	6
152	Deep Sequencing in Conjunction with Expression and Functional Analyses Reveals Activation of FGFR1 in Ewing Sarcoma. Clinical Cancer Research, 2015, 21, 4935-4946.	7.0	68
153	Using electronic health records for clinical research: The case of the EHR4CR project. Journal of Biomedical Informatics, 2015, 53, 162-173.	4.3	142
154	Annotating Medical Forms Using UMLS. Lecture Notes in Computer Science, 2015, , 55-69.	1.3	6
155	Two Novel Distinct Subtypes of Myeloid Neoplasms Molecularly Associated with Histone H3K36 Methylations. Blood, 2015, 126, 2841-2841.	1.4	1
156	Identification of the Adapter Molecule MTSS1 as a Potential Oncogene-Specific Tumor Suppressor in Acute Myeloid Leukemia. PLoS ONE, 2015, 10, e0125783.	2.5	23
157	Genomic landscape of liposarcoma. Oncotarget, 2015, 6, 42429-42444.	1.8	94
158	A New ETV6-RUNX1 In Vivo Model Produces a Phenocopy of the Human Pb-ALL. Blood, 2015, 126, 3658-3658.	1.4	0
159	Standardized quality assurance forms for organ transplantations with multilingual support, open access and UMLS coding. Studies in Health Technology and Informatics, 2015, 212, 15-22.	0.3	3
160	Standardized mappings--a framework to combine different semantic mappers into a standardized web-API. Studies in Health Technology and Informatics, 2015, 212, 23-6.	0.3	1
161	Web-based multi-site feasibility questionnaire tool. Studies in Health Technology and Informatics, 2015, 212, 88-93.	0.3	2
162	Standardized Cardiovascular Quality Assurance Forms with Multilingual Support, UMLS Coding and Medical Concept Analyses. Studies in Health Technology and Informatics, 2015, 216, 837-41.	0.3	5

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163	Clinical Trial Feasibility Study Questionnaire Analysis. Studies in Health Technology and Informatics, 2015, 216, 1029.	0.3	1
164	Missing Semantic Annotation in Databases. Methods of Information in Medicine, 2014, 53, 516-517.	1.2	15
165	Design and multicentric Implementation of a generic Software Architecture for Patient Recruitment Systems re-using existing HIS tools and Routine Patient Data. Applied Clinical Informatics, 2014, 05, 264-283.	1.7	30
166	Piloting the EHR4CR Feasibility Platform across Europe. Methods of Information in Medicine, 2014, 53, 264-268.	1.2	27
167	Landscape of genetic lesions in 944 patients with myelodysplastic syndromes. Leukemia, 2014, 28, 241-247.	7.2	1,291
168	Does single-source create an added value? Evaluating the impact of introducing x4T into the clinical routine on workflow modifications, data quality and costâ€“benefit. International Journal of Medical Informatics, 2014, 83, 915-928.	3.3	23
169	Characterization of Image Transfer Patterns in a Regional Trauma Network. Journal of Medical Systems, 2014, 38, 137.	3.6	3
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