

Contents Index to Volume 3

Editorial

Editors' Note

Peter Wittenburg & George Strawn 2021,3(1):1-4
doi: 10.1162/dint_e_00068

Research Paper

OpenKG Chain: A Blockchain Infrastructure for Open Knowledge Graphs
Huajun Chen, Ning Hu, Guilin Qi, Haofen Wang, Zhen Bi, Jie Li & Fan Yang 2021,3(2):205-227
doi: 10.1162/dint_a_00095

Probabilistic Tractable Models in Mixed Discrete-continuous Domains
Andreas Bueff, Stefanie Speichert & Vaishak Belle 2021,3(2):228-260
doi: 10.1162/dint_a_00064

Transdisciplinary Convergence: Intelligent Infrastructure for Sustainable Development
Yi Shen 2021,3(2):261-273
doi: 10.1162/dint_a_00063

Deep Learning with Heterogeneous Graph Embeddings for Mortality Prediction from Electronic Health Records
Tingyi Wanyan, Hossein Honarvar, Ariful Azad, Ying Ding & Benjamin S. Glicksberg 2021,3(3):329-339
doi: 10.1162/dint_a_00097

Integrated "Generate, Make, and Test" for Formulated Products Using Knowledge Graphs
Sagar Sunkle, Deepak Jain, Krati Saxena, Ashwini Patil, Tushita Singh, Beena Rai & Vinay Kulkarni 2021,3(3):340-375
doi: 10.1162/dint_a_00096

A Knowledge Graph Based Approach to Social Science Surveys
Jeff Z. Pan, Elspeth Edelstein, Patrik Bansky & Adam Wyner 2021,3(4): 477-506
doi: 10.1162/dint_a_00107

Exploring the Current Practices, Costs and Benefits of FAIR Implementation in Pharmaceutical Research and Development: A Qualitative Interview Study
Ebtisam Alharbi, Rigina Skeva, Nick Juty, Caroline Jay & Carole Goble 2021,3(4): 507-527
doi: 10.1162/dint_a_00109

Data Paper

- An Evaluation of Chinese Human-computer Dialogue Technology
Zixian Feng, Caihai Zhu, Weinan Zhang, Zhigang Chen, Wanxiang Che, Minlie Huang & Linlin Li 2021,3(2):274-286
doi: 10.1162/dint_a_00090
- Overview of SMP-CAIL2020-Argmine: The Interactive Argument-pair Extraction in Judgement Document Challenge
Jian Yuan, Zhongyu Wei, Yixu Gao, Wei Chen, Yun Song, Donghua Zhao, Jinglei Ma, Zhen Hu, Shaokun Zou, Donghai Li & Xuanjing Huang 2021,3(2):287-307
doi: 10.1162/dint_a_00094
- A Data Collection on Secondary School Students' STEM Performance and Reading Practices in an Emerging Country
Quan-Hoang Vuong, Viet-Phuong La, Manh-Toan Ho, Thanh-Hang Pham, Thu-Trang Vuong, Ha-My Vuong & Minh-Hoang Nguyen 2021,3(2): 308-328
doi: 10.1162/dint_a_00091
- Overview of CCKS 2020 Task 3: Named Entity Recognition and Event Extraction in Chinese Electronic Medical Records
Xia Li, Qinghua Wen, Hu Lin, Zengtao Jiao & Jiangtao Zhang 2021,3(3):376-388
doi: 10.1162/dint_a_00093
- Semi-supervised Noisy Label Learning for Chinese Clinical Named Entity Recognition
Zhucong Li, Zhen Gan, Baoli Zhang, Yubo Chen, Jing Wan, Kang Liu, Jun Zhao & Shengping Liu 2021,3(3): 389-401
doi: 10.1162/dint_a_00099
- Medical Named Entity Recognition from Un-labelled Medical Records Based on Pre-trained Language Models and Domain Dictionary
Chaojie Wen, Tao Chen, Xudong Jia & Jiang Zhu 2021,3(3): 402-417
doi: 10.1162/dint_a_00105
- Data Set and Evaluation of Automated Construction of Financial Knowledge Graph
Wenguang Wang, Yonglin Xu, Chunhui Du, Yunwen Chen, Yijie Wang & Hui Wen 2021,3(3): 418-443
doi: 10.1162/dint_a_00108
- A Joint Learning Framework for the CCKS-2020 Financial Event Extraction Task
Jiawei Sheng, Qian Li, Yiming Hei, Shu Guo, Bowen Yu, Lihong Wang, Min He, Tingwen Liu & Hongbo Xu 2021,3(3): 444-459
doi: 10.1162/dint_a_00098

- A Prior Information Enhanced Extraction Framework for Document-level
Financial Event Extraction
Haitao Wang, Tong Zhu, Mingtao Wang, Guoliang Zhang & Wenliang Chen 2021,3(3): 460-476
doi: 10.1162/dint_a_00103
- DAMS: A Distributed Analytics Metadata Schema
*Sascha Welten, Laurenz Neumann, Yeliz Ucer Yediel, Luiz Olavo Bonino da Silva Santos,
Stefan Decker & Oya Beyan* 2021,3(4): 528-547
doi: 10.1162/dint_a_00100
- AOL4PS: A Large-scale Data Set for Personalized Search
Qian Guo, Wei Chen & Huaiyu Wan 2021,3(4): 548-567
doi: 10.1162/dint_a_00104
- Few-shot Learning for Named Entity Recognition Based on BERT and Two-level
Model Fusion
Yuan Gong, Lu Mao & Changliang Li 2021,3(4): 568-577
doi: 10.1162/dint_a_00102
- Multifaceted Interactions between Urban Humans and Biodiversity-related Concepts:
A Developing-country Data Set
Minh-Hoang Nguyen 2021,3(4): 578-605
doi: 10.1162/dint_a_00110
- A Multinational Data Set of Game Players' Behaviors in a Virtual World and
Environmental Perceptions
*Quan-Hoang Vuong, Manh-Toan Ho, Viet-Phuong La, Tam-Tri Le,
Thanh Huyen T. Nguyen & Minh-Hoang Nguyen* 2021,3(4):606-630
doi: 10.1162/dint_a_00111
- Commentary**
Politics and Open Science: How the European Open Science Cloud Became Reality
(the Untold Story)
Jean-Claude Burgelman 2021,3(1):5-19
doi: 10.1162/dint_a_00069
- Comments to Jean-Claude Burgelman's Article *Politics and Open Science:
How the European Open Science Cloud Became Reality (the Untold Story)*—
The Twin Challenge of the Hard-core Change and the Cultural Shift. The Role
of the Chorus in the Greek drama
Edit Herczog 2021,3(1):20-23
doi: 10.1162/dint_a_00070

Comments to Jean-Claude Burgelman's Article <i>Politics and Open Science: How the European Open Science Cloud Became Reality (the Untold Story)</i> Hanifeh Khayeri doi: 10.1162/dint_a_00071	2021,3(1):24-25
Comments to Jean-Claude Burgelman's Article <i>Politics and Open Science: How the European Open Science Cloud Became Reality (the Untold Story)</i> Dimitris Koureas doi: 10.1162/dint_a_00072	2021,3(1):26-28
Comments to Jean-Claude Burgelman's Article <i>Politics and Open Science: How the European Open Science Cloud Became Reality (the Untold Story)</i> Natalia Manola doi: 10.1162/dint_a_00073	2021,3(1):29-31
Comments to Jean-Claude Burgelman's Article <i>Politics and Open Science: How the European Open Science Cloud Became Reality (the Untold Story)</i> — "EOSC is a bigger ME" and the Dunning Kruger Effect Barend Mons doi: 10.1162/dint_a_00074	2021,3(1):32-39
Comments to Jean-Claude Burgelman's Article <i>Politics and Open Science: How the European Open Science Cloud Became Reality (the Untold Story)</i> Per Öster doi: 10.1162/dint_a_00089	2021,3(1):40-42
Comments to Jean-Claude Burgelman's Article <i>Politics and Open Science: How the European Open Science Cloud Became Reality (the Untold Story)</i> George Strawn doi: 10.1162/dint_a_00075	2021,3(1):43-46
Comments to Jean-Claude Burgelman's Article <i>Politics and Open Science: How the European Open Science Cloud Became Reality (the Untold Story)</i> Peter Wittenburg doi: 10.1162/dint_a_00076	2021,3(1):47-51
Vision Paper About Open Science and Autonomy of Science Paolo Budroni doi: 10.1162/dint_a_00077	2021,3(1):52-63

Open Science—A Question of Trust <i>Jonathan Clark</i> doi: 10.1162/dint_a_00078	2021,3(1):64-70
Building Momentum to Realign Incentives to Support Open Science <i>Heather Joseph</i> doi: 10.1162/dint_a_00079	2021,3(1):71-78
On the Complexities of Federating Research Data Infrastructures <i>Atif Latif, Fidan Limani & Klaus Tochtermann</i> doi: 10.1162/dint_a_00080	2021,3(1):79-87
Open Science and the Hype Cycle <i>George Strawn</i> doi: 10.1162/dint_a_00081	2021,3(1):88-94
Open Science and Data Science <i>Peter Wittenburg</i> doi: 10.1162/dint_a_00082	2021,3(1):95-105
Embedding Open Science in Reality <i>John Wood</i> doi: 10.1162/dint_a_00083	2021,3(1):106-115
Not Ready for Convergence in Data Infrastructures <i>Keith Jeffery, Peter Wittenburg, Larry Lannom, George Strawn, Claudia Biniossek, Dirk Betz & Christophe Blanchi</i> doi: 10.1162/dint_a_00084	2021,3(1):116-135
Practice Paper EU-Citizen.Science: A Platform for Mainstreaming Citizen Science and Open Science in Europe <i>Katherin Wagenknecht, Tim Woods, Francisco García Sanz, Margaret Gold, Anne Bowser, Simone Rufenacht, Luigi Ceccaroni & Jaume Piera</i> doi: 10.1162/dint_a_00085	2021,3(1):136-149
Implementation of an Open Science Instruction Program for Undergraduates <i>Sharon Hanna, Jason Pither & Mathew Vis-Dunbar</i> doi: 10.1162/dint_a_00086	2021,3(1):150-161

- Developing Open RDI and Education in Finnish Universities of Applied Sciences
Anne Kärki, Seliina Päällysaho, Kaisa Jaalama, Juhani Talvela, Anttoni Lehto & Hannu Hyyppä 2021,3(1):162-175
doi: 10.1162/dint_a_00066
- Key Aspects of Open Data in Finnish RDI Cooperation between Higher Education and Businesses
Seliina Päällysaho, Jaana Latvanen, Anttoni Lehto, Jaakko Riihimaa, Pekka Lahti, Anne Kärki & Helena Puhakka-Tarvainen 2021,3(1):176-188
doi: 10.1162/dint_a_00065
- Research Data Management Implementation at Peking University Library: Foster and Promote Open Science and Open Data
Hua Nie, Pengcheng Luo & Ping Fu 2021,3(1):189-204
doi: 10.1162/dint_a_00088
- Implementation Paper**
Implementation of the FAIR Data Principles for Exploratory Biomarker Data from Clinical Trials
Alexander Arefolov, Laura Adam, Shoshana Brown, Yelena Budovskaya, Cong Chen, Diya Das, Chen Farhy, Rebecca Ferguson, Hongmei Huang, Kimberly Kanigel, Christina Lu, Oksana Polesskaya, Tracy Staton, Rajeev Tajhya, Maryann Whitley, Jee-Yeon Wong, Xiangpei Zeng & Mark McCreary 2021,3(4):631-662
doi: 10.1162/dint_a_00106