1. Record Nr. UNISA996466463503316

Titolo	Machine Learning and Knowledge Discovery in Databases [[electronic resource]] : European Conference, ECML PKDD 2018, Dublin, Ireland, September 10–14, 2018, Proceedings, Part I / / edited by Michele Berlingerio, Francesco Bonchi, Thomas Gärtner, Neil Hurley, Georgiana Ifrim
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-10925-9
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XXXVIII, 740 p. 451 illus., 159 illus. in color.)
Collana	Lecture Notes in Artificial Intelligence ; ; 11051
Disciplina	006.31
Soggetti	Artificial intelligence Data mining Optical data processing Application software Computers Data protection Artificial Intelligence Data Mining and Knowledge Discovery Image Processing and Computer Vision Computer Appl. in Social and Behavioral Sciences Computing Milieux Security
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Adversarial Learning -- Image Anomaly Detection with Generative Adversarial Networks -- Image-to-Markup Generation via Paired Adversarial Learning -- Toward an Understanding of Adversarial Examples in Clinical Trials -- ShapeShifter: Robust Physical Adversarial Attack on Faster R-CNN Object Detector -- Anomaly and Outlier Detection -- GridWatch: Sensor Placement and Anomaly Detection in the Electrical Grid -- Incorporating Privileged Information to

Unsupervised Anomaly Detection -- L1-Depth Revisited: A Robust Angle-based Outlier Factor in High-dimensional Space -- Beyond Outlier Detection: LookOut for Pictorial Explanation -- Scalable and Interpretable One-class SVMs with Deep Learning and Random Fourier Features -- Group Anomaly Detection using Deep Generative Models -- Applications -- A Discriminative Model for Identifying Readers and Assessing Text Comprehension from Eye Movements -- Face-Cap: Image Captioning using Facial Expression Analysis -- Pedestrian Trajectory Prediction with Structured Memory Hierarchies -- Classification -- Multiple Instance Learning with Bag-level Randomized Trees -- One-class Quantification -- Deep F-Measure Maximization in Multi-Label Classification: A Comparative Study -- Ordinal Label Proportions -- AWX: An Integrated Approach to Hierarchical-Multilabel Classification -- Clustering and Unsupervised Learning -- Clustering in the Presence of Concept Drift -- Time Warp Invariant Dictionary Learning for Time Series Clustering -- How Your Supporters and Opponents Define Your Interestingness -- Deep Learning -- Efficient Decentralized Deep Learning by Dynamic Model Averaging -- Using Supervised Pretraining to Improve Generalization of Neural Networks on Binary Classification Problems -- Towards Efficient Forward Propagation on Resource-Constrained Systems -- Auxiliary Guided Autoregressive Variational Autoencoders -- Cooperative Multi-Agent Policy Gradient -- Parametric t-Distributed Stochastic Exemplar-centered Embedding -- Joint autoencoders: a flexible meta-learning framework -- Privacy Preserving Synthetic Data Release Using Deep Learning -- On Finer Control of Information Flow in LSTMs -- MaxGain: Regularisation of Neural Networks by Constraining Activation Magnitudes -- Ontology alignment based on word embedding and random forest classification -- Domain Adaption in One-Shot Learning -- Ensemble Methods -- Axiomatic Characterization of AdaBoost and the Multiplicative Weight Update Procedure -- Modular Dimensionality Reduction -- Constructive Aggregation and its Application to Forecasting with Dynamic Ensembles -- MetaBags: Bagged Meta-Decision Trees for Regression -- Evaluation -- Visualizing the Feature Importance for Black Box Models -- Efficient estimation of AUC in a sliding window -- Controlling and visualizing the precision-recall tradeoff for external performance indices -- Evaluation Procedures for Forecasting with Spatio-Temporal Data -- A Blended Metric for Multi-label Optimisation and Evaluation.

Sommario/riassunto

The three volume proceedings LNAI 11051 – 11053 constitutes the refereed proceedings of the European Conference on Machine Learning and Knowledge Discovery in Databases, ECML PKDD 2018, held in Dublin, Ireland, in September 2018. The total of 131 regular papers presented in part I and part II was carefully reviewed and selected from 535 submissions; there are 52 papers in the applied data science, nectar and demo track. The contributions were organized in topical sections named as follows: Part I: adversarial learning; anomaly and outlier detection; applications; classification; clustering and unsupervised learning; deep learningensemble methods; and evaluation. Part II: graphs; kernel methods; learning paradigms; matrix and tensor analysis; online and active learning; pattern and sequence mining; probabilistic models and statistical methods; recommender systems; and transfer learning. Part III: ADS data science applications; ADS e-commerce; ADS engineering and design; ADS financial and security; ADS health; ADS sensing and positioning; nectar track; and demo track.

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Record Nr.	UNINA9910818042103321
Autore	Fouassier Jean-Pierre <1947->
Titolo	Photoinitiators for polymer synthesis : scope, reactivity and efficiency / / Jean Pierre Fouassier and Jacques Lalevee
Pubbl/distr/stampa	Weinheim, : Wiley-VCH, 2012
ISBN	9783527648245 (ebook) 9783527332106 (hbk.) 9783527648269 3527648267 9783527648245 3527648240 9781283714433 1283714434 9783527648276 3527648275
Descrizione fisica	1 online resource (xxviii, 476 p.) : ill
Altri autori (Persone)	LaleveeJacques
Disciplina	668.92
Soggetti	Polymerization Radiation curing Photochemistry - Industrial applications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. Basic principles and applications of photopolymerization reactions -- pt. 2. Radical photoinitiating systems -- pt. 3. Nonradical photoinitiating systems -- pt. 4. Reactivity of the photoinitiating system.
Sommario/riassunto	Photoinitiating systems for polymerization reactions are largely encountered in a variety of traditional and high-tech sectors, such as radiation curing, (laser) imaging, (micro)electronics, optics, and medicine. This book extensively covers radical and nonradical photoinitiating systems and is divided into four parts: Basic principles in photopolymerization reactions; Radical photoinitiating systems; Nonradical photoinit;iating systems; Reactivity of the photoinitiating

system. The four parts present the basic concepts of photopolymerization reactions, review all of the available photoinitiating systems and deliver a thorough description of the encountered mechanisms. A large amount of experimental and theoretical data has been collected herein. This book allows the reader to gain a clear understanding by providing a general discussion of the photochemistry and chemistry involved. The most recent and exciting developments, as well as the promising prospects for new applications, are outlined.