Determinantal Point Processes for Machine Learning

Foundations and Trends in Machine Learning 5, 123-286 DOI: 10.1561/220000044

Citation Report

#	Article	IF	CITATIONS
1	Multi-output Learning for Camera Relocalization. , 2014, , .		65
2	Noncolliding system of continuous-time random walks. Pacific Journal of Mathematics for Industry, 2014, 6, .	0.7	2
3	Gaze-enabled egocentric video summarization via constrained submodular maximization. , 2015, 2015, 2235-2244.		117
4	Determinantal Point Process Models and Statistical Inference. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2015, 77, 853-877.	1.1	135
5	A supervised method for nonlinear dimensionality reduction with GPLVM. , 2015, , .		1
6	Learning to Diversify Patch-Based Priors for Remote Sensing Image Restoration. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 5225-5245.	2.3	17
7	How do we use our hands? Discovering a diverse set of common grasps. , 2015, , .		8
8	Diversified Hidden Markov Models for Sequential Labeling. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 2947-2960.	4.0	16
9	Scalable and distributed submodular maximization with matroid constraints. , 2015, , .		7
10	An efficient algorithm for the symmetric principal minor assignment problem. Linear Algebra and Its Applications, 2015, 473, 126-144.	0.4	8
11	Block-wise map inference for determinantal point processes with application to change-point detection. , 2016, , .		4
12	Bayesian Inference for Latent Biologic Structure With Determinantal Point Processes (DPP). Biometrics, 2016, 72, 955-964.	0.8	18
13	Summary Transfer: Exemplar-Based Subset Selection for Video Summarization. , 2016, , .		149
14	Invariant coupling of determinantal measures on sofic groups. Ergodic Theory and Dynamical Systems, 2016, 36, 574-607.	0.4	6
15	Bayesian Low-Rank Determinantal Point Processes. , 2016, , .		19
16	Robust object tracking via diverse templates. , 2016, , .		1
17	Video Summarization with Long Short-Term Memory. Lecture Notes in Computer Science, 2016, , 766-782.	1.0	329
18	Learning Diverse Models: The Coulomb Structured Support Vector Machine. Lecture Notes in Computer Science, 2016, , 585-599.	1.0	3

ITATION REDO

#	Article	IF	CITATIONS
19	Individualness and Determinantal Point Processes for Pedestrian Detection. Lecture Notes in Computer Science, 2016, , 330-346.	1.0	17
20	Diversified hidden Markov models for sequential labeling. , 2016, , .		3
21	Scalable Discovery of Audio Fingerprint Motifs in Broadcast Streams With Determinantal Point Process Based Motif Clustering. IEEE/ACM Transactions on Audio Speech and Language Processing, 2016, 24, 978-989.	4.0	7
22	Recent automatic text summarization techniques: a survey. Artificial Intelligence Review, 2017, 47, 1-66.	9.7	475
23	Contrast Estimation for Parametric Stationary Determinantal Point Processes. Scandinavian Journal of Statistics, 2017, 44, 204-229.	0.9	9
24	Learning to Diversify Deep Belief Networks for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 3516-3530.	2.7	270
25	Recent advances in document summarization. Knowledge and Information Systems, 2017, 53, 297-336.	2.1	83
26	Semantic summary automatic generation in news event. Concurrency Computation Practice and Experience, 2017, 29, e4287.	1.4	5
27	Approximate Bayesian Computation and Model Assessment for Repulsive Spatial Point Processes. Journal of Computational and Graphical Statistics, 2017, 26, 646-657.	0.9	6
28	Dimensionality Reduction by Spatial–Spectral Preservation in Selected Bands. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 5185-5197.	2.7	67
29	Diversity in Big Data: A Review. Big Data, 2017, 5, 73-84.	2.1	86
30	Discovering Diverse Subset for Unsupervised Hyperspectral Band Selection. IEEE Transactions on Image Processing, 2017, 26, 51-64.	6.0	174
31	Graph sampling with determinantal processes. , 2017, , .		27
32	Variational Gram Functions: Convex Analysis and Optimization. SIAM Journal on Optimization, 2017, 27, 2634-2661.	1.2	4
33	Deep Determinantal Point Process for Large-Scale Multi-label Classification. , 2017, , .		8
34	Online Summarization via Submodular and Convex Optimization. , 2017, , .		34
35	Point process models for novelty detection on spatial point patterns and their extremes. Computational Statistics and Data Analysis, 2018, 125, 86-103.	0.7	4
36	A Discrete Choice Model for Subset Selection. , 2018, , .		16

	CITATION	CITATION REPORT	
#	Article	IF	CITATIONS
37	Design of monitoring networks using k â€determinantal point processes. Environmetrics, 2018, 29, e2483.	0.6	3
38	Content Based Weighted Consensus Summarization. Lecture Notes in Computer Science, 2018, , 787-793.	1.0	4
39	Effective aggregation of various summarization techniques. Information Processing and Management, 2018, 54, 145-158.	5.4	38
40	Particle EM for Variable Selection. Journal of the American Statistical Association, 2018, 113, 1684-1697.	1.8	6
41	Active Model Learning and Diverse Action Sampling for Task and Motion Planning. , 2018, , .		33
42	Subsampling with K Determinantal Point Processes for Estimating Statistics in Large Data Sets. , 2018, ,		2
43	Sequential Quantum Monte-Carlo for Tracking of Indistinguishable Targets. , 2018, , .		1
44	Creating Capsule Wardrobes from Fashion Images. , 2018, , .		78
45	Tagging Like Humans: Diverse and Distinct Image Annotation. , 2018, , .		40
46	Viewpoint-Aware Video Summarization. , 2018, , .		22
47	Using Modified Determinantal Point Process Sampling to Update Population. , 2018, , .		2
48	Unsupervised Video Highlight Extraction via Query-related Deep Transfer. , 2018, , .		2
49	From Random Matrices to Monte Carlo Integration Via Gaussian Quadrature. , 2018, , .		0
50	Reach of repulsion for determinantal point processes in high dimensions. Journal of Applied Probability, 2018, 55, 760-788.	0.4	2
51	Practical Diversified Recommendations on YouTube with Determinantal Point Processes. , 2018, , .		51
52	Spatial networks with wireless applications. Comptes Rendus Physique, 2018, 19, 187-204.	0.3	7
53	A novel ILP framework for summarizing content with high lexical variety. Natural Language Engineering, 2018, 24, 887-920.	2.1	3
54	Automatic Multi-Document Summarization Based on Keyword Density and Sentence-Word Graphs. Journal of Shanghai Jiaotong University (Science), 2018, 23, 584-592.	0.5	3

	CHATON K	LFORT	
#	Article	IF	CITATIONS
55	Selective sensing in perovskite-based image sensors. Organic Electronics, 2019, 75, 105397.	1.4	13
56	On negative association of some finite point processes on general state spaces. Journal of Applied Probability, 2019, 56, 139-152.	0.4	1
57	Give Me a Hint! Navigating Image Databases Using Human-in-the-Loop Feedback. , 2019, , .		7
58	Improving Sentence Extraction Through Rank Aggregation. , 2019, , 49-68.		0
59	Assessing and Remedying Coverage for a Given Dataset. , 2019, , .		54
60	Personalized Bundle List Recommendation. , 2019, , .		50
61	Video Analytics for Visual Surveillance and Applications: An Overview and Survey. Learning and Analytics in Intelligent Systems, 2019, , 475-515.	0.5	11
62	Maximizing submodular or monotone approximately submodular functions by multi-objective evolutionary algorithms. Artificial Intelligence, 2019, 275, 279-294.	3.9	24
63	Dilated temporal relational adversarial network for generic video summarization. Multimedia Tools and Applications, 2019, 78, 35237-35261.	2.6	11
64	Log-concave polynomials II: high-dimensional walks and an FPRAS for counting bases of a matroid. , 2019, , .		52
65	Efficient Person Re-Identification in Videos Using Sequence Lazy Greedy Determinantal Point Process (SLGDPP). , 2019, , .		1
66	Ensemble of Random Binary Output Encoding for Adversarial Robustness. IEEE Access, 2019, 7, 124632-124640.	2.6	4
67	Video Skimming. ACM Computing Surveys, 2020, 52, 1-38.	16.1	12
68	Short Sequence Classification Through Discriminable Linear Dynamical System. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3396-3408.	7.2	7
69	Unsupervised Reinforcement Learning For Video Summarization Reward Function. , 2019, , .		7
70	Diversity in Machine Learning. IEEE Access, 2019, 7, 64323-64350.	2.6	113
71	MEMe: An Accurate Maximum Entropy Method for Efficient Approximations in Large-Scale Machine Learning. Entropy, 2019, 21, 551.	1.1	17
72	Solving submodular text processing problems using influence graphs. Social Network Analysis and Mining, 2019, 9, 1.	1.9	0

		EPORT	
#	Article	IF	CITATIONS
73	Diverse image annotation with missing labels. Pattern Recognition, 2019, 93, 470-484.	5.1	7
74	Video Summarization Via Actionness Ranking. , 2019, , .		34
75	Deep Reinforcement Learning for Query-Conditioned Video Summarization. Applied Sciences (Switzerland), 2019, 9, 750.	1.3	23
76	Learning From Less Data: A Unified Data Subset Selection and Active Learning Framework for Computer Vision. , 2019, , .		12
77	A Framework Towards Domain Specific Video Summarization. , 2019, , .		10
78	Efficient Bayesian Optimization for Uncertainty Reduction Over Perceived Optima Locations. , 2019, , .		0
79	Text Siamese Network for Video Textual Keyframe Detection. , 2019, , .		3
80	Machine Learning Meets Stochastic Geometry: Determinantal Subset Selection for Wireless Networks. , 2019, , .		5
81	Joint Representative Selection and Feature Learning: A Semi-Supervised Approach. , 2019, , .		2
82	Rethinking the Evaluation of Video Summaries. , 2019, , .		79
83	Normal approximation for associated point processes via Stein's method with applications to determinantal point processes. Journal of Mathematical Analysis and Applications, 2019, 480, 123396.	0.5	1
84	Determinantal thinning of point processes with network learning applications. , 2019, , .		4
85	Image Corpus Representative Summarization. , 2019, , .		5
86	Interference Characterization in Wireless Networks: A Determinantal Learning Approach. , 2019, , .		1
87	Deep Diffusion Autoencoders. , 2019, , .		0
88	A CNN With Multiscale Convolution and Diversified Metric for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 3599-3618.	2.7	174
89	Sensor Array Design Through Submodular Optimization. IEEE Transactions on Information Theory, 2019, 65, 664-675.	1.5	8
90	A structure-transfer-driven temporal subspace clustering for video summarization. Multimedia Tools and Applications, 2019, 78, 24123-24145.	2.6	2

# 91	ARTICLE Failure-Adverse Closed-Loop Statistical Verification. , 2019, , .	IF	Citations
92	Dimensionality reduction based on determinantal point process and singular spectrum analysis for hyperspectral images. IET Image Processing, 2019, 13, 299-306.	1.4	4
93	Film clips retrieval using image queries. Multimedia Tools and Applications, 2020, 79, 14725-14732.	2.6	1
94	A retrieval-based approach for diverse and image-specific adversary selection. International Journal of Multimedia Information Retrieval, 2020, 9, 125-133.	3.6	0
95	Robust Neighborhood Covering Reduction with Determinantal Point Process sampling. Knowledge-Based Systems, 2020, 188, 105063.	4.0	5
96	Towards Discriminability and Diversity: Batch Nuclear-Norm Maximization Under Label Insufficient Situations. , 2020, , .		165
97	Precise programmable quantum simulations with optical lattices. Npj Quantum Information, 2020, 6, .	2.8	20
98	Budgeted Subset Selection for Fine-tuning Deep Learning Architectures in Resource-Constrained Applications. , 2020, , .		1
99	Applications of near-term photonic quantum computers: software and algorithms. Quantum Science and Technology, 2020, 5, 034010.	2.6	64
100	A survey on automatic image annotation. Applied Intelligence, 2020, 50, 3412-3428.	3.3	17
101	Point processes with Gaussian boson sampling. Physical Review E, 2020, 101, 022134.	0.8	24
102	Automated monitoring for security camera networks: promise from computer vision labs. Security Journal, 2021, 34, 389-409.	1.0	16
103	High-performance sampling of generic determinantal point processes. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2020, 378, 20190059.	1.6	5
104	MIMN-DPP: Maximum-information and minimum-noise determinantal point processes for unsupervised hyperspectral band selection. Pattern Recognition, 2020, 102, 107213.	5.1	18
105	Two Ways to Build a Thought: Distinct Forms of Compositional Semantic Representation across Brain Regions. Cerebral Cortex, 2020, 30, 3838-3855.	1.6	20
106	A Fast Neighborhood Grouping Method for Hyperspectral Band Selection. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 5028-5039.	2.7	80
107	Exploring global diverse attention via pairwise temporal relation for video summarization. Pattern Recognition, 2021, 111, 107677.	5.1	62
108	An unsupervised method for extractive multi-document summarization based on centroid approach and sentence embeddings. Expert Systems With Applications, 2021, 167, 114152.	4.4	22

#	Article	IF	CITATIONS
109	From Coarse to Fine: Hierarchical Structure-Aware Video Summarization. Lecture Notes in Computer Science, 2021, , 75-87.	1.0	0
110	Graph Tikhonov Regularization and Interpolation Via Random Spanning Forests. IEEE Transactions on Signal and Information Processing Over Networks, 2021, 7, 359-374.	1.6	3
111	Determinantal Point Processes for Image Processing. SIAM Journal on Imaging Sciences, 2021, 14, 304-348.	1.3	5
112	Orthogonal Mixture of Hidden Markov Models. Lecture Notes in Computer Science, 2021, , 509-525.	1.0	0
113	Diversity Sampling is an Implicit Regularization for Kernel Methods. SIAM Journal on Mathematics of Data Science, 2021, 3, 280-297.	1.0	8
114	Automation and Robotization of Business Processes in the Russian High-Tech Companies. Lecture Notes in Networks and Systems, 2021, , 661-666.	0.5	0
115	Finding diverse ways to improve algebraic connectivity through multi-start optimization. Journal of Complex Networks, 2021, 9, .	1.1	1
116	Fixed-Size Determinantal Point Processes Sampling For Species Phylogeny. MathematicS in Action, 2021, 10, 1-13.	0.2	0
117	Unsupervised extractive multi-document summarization method based on transfer learning from BERT multi-task fine-tuning. Journal of Information Science, 2023, 49, 164-182.	2.0	13
118	Convergence Details About k-DPP Monte-Carlo Sampling for Large Graphs. Sankhya B, O, , 1.	0.4	0
119	A New Many-Objective Evolutionary Algorithm Based on Determinantal Point Processes. IEEE Transactions on Evolutionary Computation, 2021, 25, 334-345.	7.5	27
120	Diversity on the Go! Streaming Determinantal Point Processes under a Maximum Induced Cardinality Objective. , 2021, , .		3
121	Learning compositional models of robot skills for task and motion planning. International Journal of Robotics Research, 2021, 40, 866-894.	5.8	33
122	Spanning tree constrained determinantal point processes are hard to (approximately) evaluate. Operations Research Letters, 2021, 49, 304-309.	0.5	1
123	On No-Sensing Adversarial Multi-Player Multi-Armed Bandits With Collision Communications. IEEE Journal on Selected Areas in Information Theory, 2021, 2, 515-533.	1.9	4
124	Fast optimization of cache-enabled Cloud-RAN using determinantal point process. Physical Communication, 2021, 46, 101292.	1.2	0
125	Fractionally log-concave and sector-stable polynomials: counting planar matchings and more. , 2021, ,		12
126	A diversity metric based on Gaussian process model for diverse and competitive design. Structural and Multidisciplinary Optimization, 2021, 64, 2975-2997.	1.7	5

#	Article	IF	CITATIONS
127	Adaptive Deep Metric Ensemble Learning with Consensus. , 2021, , .		0
128	Random Matrix Theory and Its Applications. Statistical Science, 2021, 36, .	1.6	1
129	CIRCULANT L-ENSEMBLES IN THE THERMODYNAMIC LIMIT. Journal of Physics A: Mathematical and Theoretical, 0, , .	0.7	1
130	DPP-VSE: Constructing a variable selection ensemble by determinantal point processes. Expert Systems With Applications, 2021, 178, 115025.	4.4	1
131	DNB: A Joint Learning Framework for Deep Bayesian Nonparametric Clustering. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 7610-7620.	7.2	2
132	Computation Offloading Analysis in Clustered Fog Radio Access Networks With Repulsion. IEEE Transactions on Vehicular Technology, 2021, 70, 10804-10819.	3.9	8
133	Optimal transport between determinantal point processes and application to fast simulation. Modern Stochastics: Theory and Applications, 2021, , 209-237.	0.2	0
134	DSNet: A Flexible Detect-to-Summarize Network for Video Summarization. IEEE Transactions on Image Processing, 2021, 30, 948-962.	6.0	73
135	Improving Sequential Determinantal Point Processes for Supervised Video Summarization. Lecture Notes in Computer Science, 2018, , 533-550.	1.0	24
136	How Local Is the Local Diversity? Reinforcing Sequential Determinantal Point Processes with Dynamic Ground Sets for Supervised Video Summarization. Lecture Notes in Computer Science, 2018, , 156-174.	1.0	19
137	Approximating Spectral Clustering via Sampling: A Review. Unsupervised and Semi-supervised Learning, 2020, , 129-183.	0.4	21
138	DLow: Diversifying Latent Flows for Diverse Human Motion Prediction. Lecture Notes in Computer Science, 2020, , 346-364.	1.0	70
139	Learning Guided Electron Microscopy with Active Acquisition. Lecture Notes in Computer Science, 2020, , 77-87.	1.0	2
140	Query-Focused Extractive Video Summarization. Lecture Notes in Computer Science, 2016, , 3-19.	1.0	69
141	PaDGAN: Learning to Generate High-Quality Novel Designs. Journal of Mechanical Design, Transactions of the ASME, 2021, 143, .	1.7	35
142	METASET: Exploring Shape and Property Spaces for Data-Driven Metamaterials Design. Journal of Mechanical Design, Transactions of the ASME, 2021, 143, .	1.7	20
143	Diversifying Multi-aspect Search Results Using Simpson's Diversity Index. , 2020, , .		4
144	Explaining machine learning classifiers through diverse counterfactual explanations. , 2020, , .		399

#	Article	IF	CITATIONS
145	Diversity and Inclusion Metrics in Subset Selection. , 2020, , .		50
146	Brillinger mixing of determinantal point processes and statistical applications. Electronic Journal of Statistics, 2016, 10, .	0.4	11
147	Monte Carlo with determinantal point processes. Annals of Applied Probability, 2020, 30, .	0.6	20
148	Determinantal Point Process Mixtures Via Spectral Density Approach. Bayesian Analysis, 2020, 15, .	1.6	5
149	Diverse Weighted Bipartite b-Matching. , 2017, , .		19
150	Asymptotic equivalence of fixed-size and varying-size determinantal point processes. Bernoulli, 2019, 25, .	0.7	4
151	Ensemble of Adapters for Transfer Learning Based on Evidence Theory. Lecture Notes in Computer Science, 2021, , 66-75.	1.0	0
152	Diversity-augmented intrinsic motivation for deep reinforcement learning. Neurocomputing, 2022, 468, 396-406.	3.5	8
153	The Power of Subsampling in Submodular Maximization. Mathematics of Operations Research, 2022, 47, 1365-1393.	0.8	2
154	Unsupervised Hyperspectral Band Selection Based on Maximum Information Entropy and Determinantal Point Process. Lecture Notes in Computer Science, 2018, , 352-361.	1.0	1
155	Incremental Multi-graph Matching via Diversity and Randomness Based Graph Clustering. Lecture Notes in Computer Science, 2018, , 142-158.	1.0	11
156	Adjusting Machine Translation Datasets for Document-Level Cross-Language Information Retrieval: Methodology. Lecture Notes in Computer Science, 2018, , 84-94.	1.0	0
157	Modified Support Vector Machine Algorithm to Reduce Misclassification and Optimizing Time Complexity. Advances in Computer and Electrical Engineering Book Series, 2018, , 34-56.	0.2	1
158	Quality-Diversity Summarization with Unsupervised Autoencoders. Lecture Notes in Computer Science, 2019, , 293-299.	1.0	0
159	Frame-Based Optimal Design. Lecture Notes in Computer Science, 2019, , 447-463.	1.0	0
161	Leveraging Content Similarity in Summaries for Generating Better Ensembles. , 2019, , 69-81.		0
162	Convex Hull Approximation of Nearly Optimal Lasso Solutions. Lecture Notes in Computer Science, 2019, , 350-363.	1.0	0
163	Image Collection Summarization: Past, Present and Future. Lecture Notes on Data Engineering and Communications Technologies, 2020, , 49-78.	0.5	2

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#	Article	IF	CITATIONS
164	Layered Neighborhood Expansion forÂlncremental Multiple Graph Matching. Lecture Notes in Computer Science, 2020, , 251-267.	1.0	1
165	Forming Diverse Teams From Sequentially Arriving People. Journal of Mechanical Design, Transactions of the ASME, 2020, 142, .	1.7	4
166	Approximately optimal spatial design: How good is it?. Spatial Statistics, 2020, 37, 100409.	0.9	2
167	Graph-DPP: Sampling Diverse Neighboring Nodes via Determinantal Point Process. , 2020, , .		1
168	Generalized Submodular Information Measures: Theoretical Properties, Examples, Optimization Algorithms, and Applications. IEEE Transactions on Information Theory, 2022, 68, 752-781.	1.5	5
169	Watch Hours in Minutes: Summarizing Videos with User Intent. Lecture Notes in Computer Science, 2020, , 714-730.	1.0	4
170	Approximation Guarantees for Parallelized Maximization of Monotone Non-submodular Function with a Cardinality Constraint. Lecture Notes in Computer Science, 2020, , 195-203.	1.0	1
171	A Submodular Optimization-Based VAE-Transformer Framework for Paraphrase Generation. Lecture Notes in Computer Science, 2020, , 494-505.	1.0	Ο
172	Dual Adversarial Network for Deep Active Learning. Lecture Notes in Computer Science, 2020, , 680-696.	1.0	11
173	Towards Deterministic Diverse Subset Sampling. Communications in Computer and Information Science, 2020, , 137-151.	0.4	Ο
174	Query Twice. , 2020, , .		7
175	Exact sampling of determinantal point processes without eigendecomposition. Journal of Applied Probability, 2020, 57, 1198-1221.	0.4	7
176	Improvements in Multi-Document Abstractive Summarization using Multi Sentence Compression with Word Graph and Node Alignment. Expert Systems With Applications, 2022, 190, 116154.	4.4	4
177	Forecasting intermittent and sparse time series: A unified probabilistic framework via deep renewal processes. PLoS ONE, 2021, 16, e0259764.	1.1	9
178	No-Regret Shannon Entropy Regularized Neural Contextual Bandit Online Learning for Robotic Grasping. , 2020, , .		2
179	Maximizing Determinants under Matroid Constraints. , 2020, , .		4
180	Sampling Approach Matters: Active Learning for Robotic Language Acquisition. , 2020, , .		0
181	From Coarse to Fine: Hierarchical Structure-aware Video Summarization. ACM Transactions on Multimedia Computing, Communications and Applications, 2022, 18, 1-16.	3.0	6

#	Article	IF	CITATIONS
182	A separation logic for negative dependence. , 2022, 6, 1-29.		5
183	Multi-stream dynamic video Summarization. , 2022, , .		4
184	Scenario Understanding and Motion Prediction for Autonomous Vehicles—Review and Comparison. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 16962-16982.	4.7	27
185	Reconfiguration Problems on Submodular Functions. , 2022, , .		0
186	Proportional Volume Sampling and Approximation Algorithms for A-Optimal Design. Mathematics of Operations Research, 2022, 47, 847-877.	0.8	1
187	Deep Generative Models in Engineering Design: A Review. Journal of Mechanical Design, Transactions of the ASME, 2022, 144, .	1.7	54
188	Diversity-Promoting Deep Reinforcement Learning for Interactive Recommendation. , 2021, , .		5
189	Scaling A Blockchain System For 5G-based Vehicular Networks Using Heuristic Sharding. , 2021, , .		1
190	EMDKG: Improving Accuracy-Diversity Trade-Off in Recommendation with EM-based Model and Knowledge Graph Embedding. , 2021, , .		0
191	Automatic Japanese Example Extraction for Flashcard-based Foreign Language Learning. Journal of Information Processing, 2022, 30, 315-330.	0.3	0
192	Nyström landmark sampling and regularized Christoffel functions. Machine Learning, 0, , 1.	3.4	0
193	GradDiv: Adversarial Robustness of Randomized Neural Networks via Gradient Diversity Regularization. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 2645-2651.	9.7	10
194	A Spatial–Spectral Combination Method for Hyperspectral Band Selection. Remote Sensing, 2022, 14, 3217.	1.8	4
195	Learning Disentangled Graph Convolutional Networks Locally and Globally. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 3640-3651.	7.2	1
196	Develop a Model for Assessing the Most Efficient Diseases Diagnosis using Machine Learning. , 2022, , .		0
197	Automatic Assisstance System Based on Machine Learning for Effective Crowd Management. , 2022, , .		1
198	Determinantal consensus clustering. Advances in Data Analysis and Classification, 0, , .	0.9	0
199	Image Embedding and User Multi-Preference Modeling for Data Collection Sampling. SSRN Electronic Journal, 0, , .	0.4	0

#	Article	IF	CITATIONS
200	On Fully Diverse Sets ofÂGeometric Objects andÂGraphs. Lecture Notes in Computer Science, 2022, , 328-341.	1.0	0
201	ST-ExpertNet: A Deep Expert Framework for Traffic Prediction. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-14.	4.0	1
202	Improving Robustness andÂCalibration inÂEnsembles withÂDiversity Regularization. Lecture Notes in Computer Science, 2022, , 36-50.	1.0	1
203	Dropout Strikes Back: Improved Uncertainty Estimation viaÂDiversity Sampling. Communications in Computer and Information Science, 2022, , 125-137.	0.4	1
204	Individual Diversity Preference Aware Neural Collaborative Filtering. Knowledge-Based Systems, 2022, , 109730.	4.0	3
205	Determinantal Point Processes Implicitly Regularize Semiparametric Regression Problems. SIAM Journal on Mathematics of Data Science, 2022, 4, 1171-1190.	1.0	1
206	Deep Generative Modeling and Inverse Design of Manufacturable Free-Form Dielectric Metasurfaces. ACS Photonics, 0, , .	3.2	4
207	CARE: coherent actionable recourse based on sound counterfactual explanations. International Journal of Data Science and Analytics, 2024, 17, 13-38.	2.4	4
208	Asymptotic approximation of the likelihood of stationary determinantal point processes. Scandinavian Journal of Statistics, 2023, 50, 842-874.	0.9	0
209	The Poisson Binomial Distribution— Old & New. Statistical Science, 2023, 38, .	1.6	3
210	On Unconstrained Quasi-Submodular Function Optimization. Proceedings of the AAAI Conference on Artificial Intelligence, 2015, 29, .	3.6	1
211	The affine ensemble: determinantal point processes associated with the \$ax + b\$ group. Journal of the Mathematical Society of Japan, 2023, 75, .	0.3	0
212	Time–frequency recurrent transformer with diversity constraint for dense video captioning. Information Processing and Management, 2023, 60, 103204.	5.4	5
213	Auditing fairness under unawareness through counterfactual reasoning. Information Processing and Management, 2023, 60, 103224.	5.4	10
214	Diverse Probabilistic Trajectory Forecasting with Admissibility Constraints. , 2022, , .		2
215	Greedy Guarantees for Non-submodular Function Maximization Under Independent System Constraint with Applications. Journal of Optimization Theory and Applications, 2023, 196, 516-543.	0.8	1
216	Zero-Shot Video Grounding for Automatic Video Understanding in Sustainable Smart Cities. Sustainability, 2023, 15, 153.	1.6	1
217	A Stochastic Non-monotone DR-Submodular Maximization Problem overÂaÂConvex Set. Lecture Notes in Computer Science, 2022, , 1-11.	1.0	1

#	Article	IF	CITATIONS
218	Fermion sampling made more efficient. Physical Review B, 2023, 107, .	1.1	1
219	A Spacecraft Equipment Layout Optimization Method for Diverse and Competitive Design. CMES - Computer Modeling in Engineering and Sciences, 2023, 136, 621-654.	0.8	0
220	Determinant Maximization via Matroid Intersection Algorithms. , 2022, , .		1
221	Hierarchically structured task-agnostic continual learning. Machine Learning, 0, , .	3.4	1
223	Determinantal point processes in the flat limit. Bernoulli, 2023, 29, .	0.7	2
224	Learning to Generate Tips from Song Reviews. Neural Networks, 2023, 161, 746-756.	3.3	1
225	Extended L-ensembles: A new representation for determinantal point processes. Annals of Applied Probability, 2023, 33, .	0.6	3
226	Dynamic Beam Hopping of Double LEO Multi-beam Satellite based on Determinant Point Process. , 2022, ,		1
227	Efficient generation of valid test inputs for deep neural networks via gradient search. Journal of Software: Evolution and Process, 0, , .	1.2	0
228	Parallel Discrete Sampling via Continuous Walks. , 2023, , .		1
230	Quadratic Speedups in Parallel Sampling from Determinantal Distributions. , 2023, , .		1
232	Scalable Orthonormal Projective NMF viaÂDiversified Stochastic Optimization. Lecture Notes in Computer Science, 2023, , 497-508.	1.0	0
234	DPP-Based Client Selection for Federated Learning with NON-IID DATA. , 2023, , .		0
239	Personalized Showcases: Generating Multi-Modal Explanations for Recommendations. , 2023, , .		2
240	Rabble Based Autonomous Assistance Using Machine Learning Algorithms. , 2023, , .		1
241	ML Based Automated Assistance System for Efficient Crowd Control A detailed investigation. , 2023, , .		1
243	An intrusion detection system based on multiple interpretation methods. , 2022, , .		0
244	GNAT: Leveraging Weighted Negative Sampling for Improved Graph Attention Network Performance. Lecture Notes in Computer Science, 2023, , 404-416.	1.0	0

#	Article	IF	CITATIONS
245	A Comparative Study ofÂSentence Embeddings forÂUnsupervised Extractive Multi-document Summarization. Communications in Computer and Information Science, 2023, , 78-95.	0.4	0
246	Rumor Detection with Diverse Counterfactual Evidence. , 2023, , .		0
247	Feature-based Learning for Diverse and Privacy-Preserving Counterfactual Explanations. , 2023, , .		0
251	A Critical Reexamination of Intra-List Distance and Dispersion. , 2023, , .		0
252	A Determinantal Point Process Based Novel Sampling Method of Abstractive Text Summarization. , 2023, , .		0
253	Diversity Maximized Scheduling in RoadSide Units for Traffic Monitoring Applications. , 2023, , .		1
258	Improving Diversity in Unsupervised Keyphrase Extraction with Determinantal Point Process. , 2023, , .		0
261	An Interactive XAI Interface withÂApplication inÂHealthcare forÂNon-experts. Communications in Computer and Information Science, 2023, , 649-670.	0.4	0
262	Evolutionary Approaches to Explainable Machine Learning. Genetic and Evolutionary Computation, 2024, , 487-506.	1.0	0
265	Deep learning in computational mechanics: a review. Computational Mechanics, 0, , .	2.2	0