Guadalupe Canahuate

List of Publications by Year
in descending order

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21 papers	296 citations	933447 10 h-index	996975 15 g-index
25 all docs	25 docs citations	25 times ranked	673 citing authors

#	Article	IF	Citations
1	A tunable compression framework for bitmap indices. , 2014, , .		42
2	Machine Learning Applications in Head and Neck Radiation Oncology: Lessons From Open-Source Radiomics Challenges. Frontiers in Oncology, 2018, 8, 294.	2.8	37
3	Precision Risk Analysis of Cancer Therapy with Interactive Nomograms and Survival Plots. IEEE Transactions on Visualization and Computer Graphics, 2019, 25, 1732-1745.	4.4	26
4	Chronic radiation-associated dysphagia in oropharyngeal cancer survivors: Towards age-adjusted dose constraints for deglutitive muscles. Clinical and Translational Radiation Oncology, 2019, 18, 16-22.	1.7	24
5	Clustering of Largely Right-Censored Oropharyngeal Head and Neck Cancer Patients for Discriminative Groupings to Improve Outcome Prediction. Scientific Reports, 2020, 10, 3811.	3.3	23
6	Precision toxicity correlates of tumor spatial proximity to organs at risk in cancer patients receiving intensity-modulated radiotherapy. Radiotherapy and Oncology, 2020, 148, 245-251.	0.6	20
7	Efficient parallel processing of range queries through replicated declustering. Distributed and Parallel Databases, 2006, 20, 117-147.	1.6	18
8	Evaluating the Effect of Right-Censored End Point Transformation for Radiomic Feature Selection of Data From Patients With Oropharyngeal Cancer. JCO Clinical Cancer Informatics, 2018, 2, 1-19.	2.1	18
9	A prospective in silico analysis of interdisciplinary and interobserver spatial variability in post-operative target delineation of high-risk oral cavity cancers: Does physician specialty matter?. Clinical and Translational Radiation Oncology, 2018, 12, 40-46.	1.7	16
10	THALIS: Human-Machine Analysis of Longitudinal Symptoms in Cancer Therapy. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 151-161.	4.4	13
11	Hybrid query optimization for hard-to-compress bit-vectors. VLDB Journal, 2016, 25, 339-354.	4.1	11
12	Optimal Treatment Selection in Sequential Systemic and Locoregional Therapy of Oropharyngeal Squamous Carcinomas: Deep Q-Learning With a Patient-Physician Digital Twin Dyad. Journal of Medical Internet Research, 2022, 24, e29455.	4.3	9
13	Oropharyngeal cancer patient stratification using random forest based-learning over high-dimensional radiomic features. Scientific Reports, 2021, 11, 14057.	3.3	7
14	Precision association of lymphatic disease spread with radiation-associated toxicity in oropharyngeal squamous carcinomas. Radiotherapy and Oncology, 2021, 161, 152-158.	0.6	7
15	A Two-Phase MapReduce Algorithm for Scalable Preference Queries over High-Dimensional Data. , 2016, , .		6
16	High-dimensional similarity searches using query driven dynamic quantization and distributed indexing. Distributed and Parallel Databases, 2020, 38, 255-286.	1.6	4
17	Performance evaluation of word-aligned compression methods for bitmap indices. Knowledge and Information Systems, 2016, 48, 277-304.	3.2	3
18	Supporting Dynamic Quantization for High-Dimensional Data Analytics. , 2017, 2017, .		3

#	Article	IF	Citations
19	Vector space search engines that maximise expected user utility. International Journal of Mathematics in Operational Research, 2009, 1, 279.	0.2	2
20	Power efficient big data analytics algorithms through low-level operations. , 2016, , .		2
21	Feature selection for support vector regression using a genetic algorithm. Biostatistics, 2023, 24, 295-308.	1.5	1