

Hao Deng

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

756
citations

840776

11
h-index

552781

26
g-index

39
all docs

39
docs citations

39
times ranked

985
citing authors

#	ARTICLE	IF	CITATIONS
1	Patient clustering improves efficiency of federated machine learning to predict mortality and hospital stay time using distributed electronic medical records. <i>Journal of Biomedical Informatics</i> , 2019, 99, 103291.	4.3	229
2	Neuroinflammation of the spinal cord and nerve roots in chronic radicular pain patients. <i>Pain</i> , 2018, 159, 968-977.	4.2	109
3	LoAdaBoost: Loss-based AdaBoost federated machine learning with reduced computational complexity on IID and non-IID intensive care data. <i>PLoS ONE</i> , 2020, 15, e0230706.	2.5	80
4	Low Frontal Alpha Power Is Associated With the Propensity for Burst Suppression: An Electroencephalogram Phenotype for a "Vulnerable Brain". <i>Anesthesia and Analgesia</i> , 2020, 131, 1529-1539.	2.2	50
5	Influence of the initial level of consciousness on early, goal-directed mobilization: a post hoc analysis. <i>Intensive Care Medicine</i> , 2019, 45, 201-210.	8.2	31
6	Global and Regional Respiratory Mechanics During Robotic-Assisted Laparoscopic Surgery. <i>Anesthesia and Analgesia</i> , 2019, 129, 1564-1573.	2.2	27
7	Minimizing ICU Neurological Dysfunction with Dexmedetomidine-induced Sleep (MINDDS): protocol for a randomised, double-blind, parallel-arm, placebo-controlled trial. <i>BMJ Open</i> , 2018, 8, e020316.	1.9	26
8	FeARH: Federated machine learning with anonymous random hybridization on electronic medical records. <i>Journal of Biomedical Informatics</i> , 2021, 117, 103735.	4.3	23
9	Lack of associations of the opioid receptor mu 1 (OPRM1) A118G polymorphism (rs1799971) with alcohol dependence: review and meta-analysis of retrospective controlled studies. <i>BMC Medical Genetics</i> , 2017, 18, 120.	2.1	19
10	Machine learning methods for automatic pain assessment using facial expression information. <i>Medicine (United States)</i> , 2018, 97, e13421.	1.0	14
11	Spinal anesthesia for lumbar spine surgery correlates with fewer total medications and less frequent use of vasoactive agents: A single center experience. <i>PLoS ONE</i> , 2019, 14, e0217939.	2.5	13
12	Using Search Engines to Investigate Shared Migraine Experiences. <i>Headache</i> , 2017, 57, 1217-1227.	3.9	11
13	Electroencephalogram dynamics during general anesthesia predict the later incidence and duration of burst-suppression during cardiopulmonary bypass. <i>Clinical Neurophysiology</i> , 2019, 130, 55-60.	1.5	11
14	Statistical Hypothesis Testing: Overview and Application. <i>Headache</i> , 2020, 60, 302-308.	3.9	11
15	A randomized trial to assess the immediate impact of acupuncture on quantitative sensory testing, pain, and functional status. <i>Pain</i> , 2019, 160, 2456-2463.	4.2	10
16	Current state of science in machine learning methods for automatic infant pain evaluation using facial expression information: study protocol of a systematic review and meta-analysis. <i>BMJ Open</i> , 2019, 9, e030482.	1.9	9
17	Nonopioid GTS-21 Mitigates Burn Injury Pain in Rats by Decreasing Spinal Cord Inflammatory Responses. <i>Anesthesia and Analgesia</i> , 2021, 132, 240-252.	2.2	9
18	Opioid receptor mu 1 (OPRM1) A118G polymorphism (rs1799971) and postoperative nausea and vomiting. <i>American Journal of Translational Research (discontinued)</i> , 2018, 10, 2764-2780.	0.0	8

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19	Association of opioid receptor mu 1 (OPRM1) A118G polymorphism (rs1799971) with nicotine dependence. <i>Oncotarget</i> , 2017, 8, 84329-84337.	1.8	7
20	Sentiment analysis of real-world migraine tweets for population research. <i>Cephalalgia Reports</i> , 2020, 3, 251581631989886.	0.7	7
21	TMEM213 as a novel prognostic and predictive biomarker for patients with lung adenocarcinoma after curative resection: a study based on bioinformatics analysis. <i>Journal of Thoracic Disease</i> , 2019, 11, 3399-3410.	1.4	6
22	Usability of a perioperative medication-related clinical decision support software application: a randomized controlled trial. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2022, 29, 1416-1424.	4.4	6
23	Bayesian Approaches to Statistical Inferences. <i>Headache</i> , 2020, 60, 1879-1885.	3.9	5
24	Overview of Common Statistical Tests and their Assumptions. <i>Headache</i> , 2020, 60, 826-832.	3.9	5
25	A Conceptual Introduction to Regression. <i>Headache</i> , 2020, 60, 1047-1055.	3.9	4
26	Continuous updating of individual headache forecasting models using Bayesian methods. <i>Headache</i> , 2021, 61, 1264-1273.	3.9	4
27	Timing of pericardiocentesis and clinical outcomes: Is earlier pericardiocentesis better?. <i>American Journal of Emergency Medicine</i> , 2022, 54, 202-207.	1.6	4
28	Lag times to steady state drug delivery by continuous intravenous infusion: direct comparison of peristaltic and syringe pump performance identifies contributions from infusion system dead volume and pump startup characteristics. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 1489-1498.	1.6	4
29	Association between Bispectral Index System and airway obstruction: an observational prospective cohort analysis during third molar extractions. <i>Minerva Anestesiologica</i> , 2018, 84, 703-711.	1.0	3
30	Outcome Measurement at a Ugandan Referral Hospital: Validation of the Mbarara Surgical Services Quality Assurance Database. <i>World Journal of Surgery</i> , 2020, 44, 2550-2556.	1.6	3
31	Global PRoMiSe (Perioperative Recommendations for Medication Safety): protocol for a mixed-methods study. <i>BMJ Open</i> , 2020, 10, e038313.	1.9	3
32	Analysis of Hospitalization and Readmissions after CAR T Cell Therapy. <i>Blood</i> , 2018, 132, 2301-2301.	1.4	3
33	Comparison between acupuncture therapy and gabapentin for chronic pain: a pilot study. <i>Acupuncture in Medicine</i> , 2021, 39, 619-628.	1.0	2
34	Understanding and Applying Confidence Intervals. <i>Headache</i> , 2020, 60, 2118-2124.	3.9	0
35	Efficacy of different analgesia treatments for abdominal surgery: a network meta-analysis. <i>European Journal of Pain</i> , 2021, , .	2.8	0
36	Initiation of an Emulsion Microinfusion: Flow Direction Influences Delivery Onset Rate. <i>European Journal of Pharmaceutical Sciences</i> , 2022, 172, 106154.	4.0	0

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37	A Retrospective Analysis of Sacroiliac Joint Pain Interventions: Intraarticular Steroid Injection and Lateral Branch Radiofrequency Neurotomy.. Pain Physician, 2022, 25, E341-E347.	0.4	0
38	Race/Ethnicity and Duration of Anesthesia for Pediatric Patients in the US: a Retrospective Cohort Study. Journal of Racial and Ethnic Health Disparities, 2022, , .	3.2	0