

Shelly Soffer

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

1,634
citations

516215

16
h-index

315357

38
g-index

60
all docs

60
docs citations

60
times ranked

2416
citing authors

#	ARTICLE	IF	CITATIONS
1	Convolutional Neural Networks for Radiologic Images: A Radiologist's Guide. <i>Radiology</i> , 2019, 290, 590-606.	3.6	339
2	Severe Obesity as an Independent Risk Factor for COVID-19 Mortality in Hospitalized Patients Younger than 50. <i>Obesity</i> , 2020, 28, 1595-1599.	1.5	238
3	Deep learning algorithms for automated detection of Crohn's disease ulcers by video capsule endoscopy. <i>Gastrointestinal Endoscopy</i> , 2020, 91, 606-613.e2.	0.5	149
4	Deep learning for wireless capsule endoscopy: a systematic review and meta-analysis. <i>Gastrointestinal Endoscopy</i> , 2020, 92, 831-839.e8.	0.5	138
5	Incipient Melanoma Brain Metastases Instigate Astrogliosis and Neuroinflammation. <i>Cancer Research</i> , 2016, 76, 4359-4371.	0.4	81
6	A Gradient Boosting Machine Learning Model for Predicting Early Mortality in the Emergency Department Triage: Devising a Nine-Point Triage Score. <i>Journal of General Internal Medicine</i> , 2020, 35, 220-227.	1.3	60
7	Deep learning visual analysis in laparoscopic surgery: a systematic review and diagnostic test accuracy meta-analysis. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, 35, 1521-1533.	1.3	60
8	Ulcer severity grading in video capsule images of patients with Crohn's disease: an ordinal neural network solution. <i>Gastrointestinal Endoscopy</i> , 2021, 93, 187-192.	0.5	56
9	Deep learning for pulmonary embolism detection on computed tomography pulmonary angiogram: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2021, 11, 15814.	1.6	54
10	Overuse of CT and MRI in paediatric emergency departments. <i>British Journal of Radiology</i> , 2018, 91, 20170434.	1.0	53
11	Automated Detection of Crohn's Disease Intestinal Strictures on Capsule Endoscopy Images Using Deep Neural Networks. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 749-756.	0.6	43
12	The association between obesity and peak antibody titer response in COVID-19 infection. <i>Obesity</i> , 2021, 29, 1547-1553.	1.5	35
13	Artificial Intelligence for Interstitial Lung Disease Analysis on Chest Computed Tomography: A Systematic Review. <i>Academic Radiology</i> , 2022, 29, S226-S235.	1.3	29
14	Efficacy and Safety of Third Dose of the COVID-19 Vaccine among Solid Organ Transplant Recipients: A Systemic Review and Meta-Analysis. <i>Vaccines</i> , 2022, 10, 95.	2.1	28
15	Deep learning for noninvasive liver fibrosis classification: A systematic review. <i>Liver International</i> , 2021, 41, 2269-2278.	1.9	22
16	Comparison of deep learning models for natural language processing-based classification of non-English head CT reports. <i>Neuroradiology</i> , 2020, 62, 1247-1256.	1.1	19
17	The Prognostic Role of Neutrophil-to-Lymphocyte Ratio in Patients Hospitalized with Acute Pulmonary Embolism. <i>Journal of Clinical Medicine</i> , 2021, 10, 4058.	1.0	17
18	Detection of Pathologically Proven Silicone Lymphadenopathy: Ultrasonography Versus Magnetic Resonance Imaging. <i>Journal of Ultrasound in Medicine</i> , 2018, 37, 969-975.	0.8	16

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19	Promoting head CT exams in the emergency department triage using a machine learning model. <i>Neuroradiology</i> , 2020, 62, 153-160.	1.1	16
20	Quantitative CT Assessment of Gynecomastia in the General Population and in Dialysis, Cirrhotic, and Obese Patients. <i>Academic Radiology</i> , 2018, 25, 626-635.	1.3	15
21	Diffusion-weighted magnetic resonance enterography for prediction of response to tumor necrosis factor inhibitors in stricturing Crohn's disease. <i>Abdominal Radiology</i> , 2018, 43, 3207-3212.	1.0	15
22	Predicting In-Hospital Mortality at Admission to the Medical Ward: A Big-Data Machine Learning Model. <i>American Journal of Medicine</i> , 2021, 134, 227-234.e4.	0.6	13
23	Sex Differences in Age and Comorbidities for COVID-19 Mortality in Urban New York City. <i>SN Comprehensive Clinical Medicine</i> , 2020, 2, 1319-1322.	0.3	12
24	Rhabdomyosarcoma disease spread evaluation on CT scans: Association with primary tumor size and Ki-67 proliferation marker. <i>Clinical Imaging</i> , 2019, 56, 41-46.	0.8	11
25	A Convolutional Neural Network Deep Learning Model Trained on CD Ulcers Images Accurately Identifies NSAID Ulcers. <i>Frontiers in Medicine</i> , 2021, 8, 656493.	1.2	10
26	Risk factors and mortality in patients with pneumonia and elevated troponin levels. <i>Scientific Reports</i> , 2020, 10, 21619.	1.6	8
27	Yield of head CT for acute findings in patients presenting to the emergency department. <i>Clinical Imaging</i> , 2021, 73, 1-5.	0.8	7
28	Trends in inflammatory bowel disease treatment in the past two decades—a high-level text mining analysis of PubMed publications. <i>United European Gastroenterology Journal</i> , 2021, 9, 1019-1026.	1.6	7
29	Obesity as a mortality risk factor in the medical ward: a case control study. <i>BMC Endocrine Disorders</i> , 2022, 22, 13.	0.9	6
30	Thromboprophylaxis for Hospitalized Patients with Inflammatory Bowel Disease—Are We There Yet?. <i>Journal of Clinical Medicine</i> , 2020, 9, 2753.	1.0	5
31	Evolution of Inflammatory Bowel Disease Research From a Bird's-Eye Perspective: A Text-Mining Analysis of Publication Trends and Topics. <i>Inflammatory Bowel Diseases</i> , 2021, 27, 434-439.	0.9	5
32	Alerting on mortality among patients discharged from the emergency department: a machine learning model. <i>Postgraduate Medical Journal</i> , 2022, 98, 166-171.	0.9	5
33	Innovation in Gastroenterology—Can We Do Better?. <i>Biomimetics</i> , 2022, 7, 33.	1.5	5
34	Association of normal systolic blood pressure in the emergency department with higher in-hospital mortality among hypertensive patients. <i>Journal of Clinical Hypertension</i> , 2019, 21, 1841-1848.	1.0	4
35	Evolution of colorectal cancer screening research in the past 25 years: text-mining analysis of publication trends and topics. <i>Therapeutic Advances in Gastroenterology</i> , 2020, 13, 175628482094115.	1.4	4
36	Artificial intelligence in colonoscopy. <i>The Lancet Gastroenterology and Hepatology</i> , 2021, 6, 984.	3.7	4

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37	Oncological Applications of Deep Learning Generative Adversarial Networks. <i>JAMA Oncology</i> , 2022, 8, 677.	3.4	4
38	Is fluorescence <i>in-situ</i> hybridization sufficient in patients with myelodysplastic syndromes and insufficient cytogenetic testing?. <i>Leukemia and Lymphoma</i> , 2019, 60, 764-771.	0.6	3
39	Incidental pulmonary embolism in CT scans of oncological patients with metastatic disease undergoing clinical trials: frequency and linkage with onset of disease progression (PE-PD) <i>Tj ETQq1 1 0.784314 rgB.D/Overlook 10 Tf 30</i>		
40	Comment on "Natural Language Processing in Surgery: A Systematic Review and Meta-analysis" <i>Annals of Surgery</i> , 2021, 274, e941-e942.	2.1	3
41	A Simple Free-Text-like Method for Extracting Semi-Structured Data from Electronic Health Records: Exemplified in Prediction of In-Hospital Mortality. <i>Big Data and Cognitive Computing</i> , 2021, 5, 40.	2.9	3
42	BERT for the Processing of Radiological Reports: An Attention-based Natural Language Processing Algorithm. <i>Academic Radiology</i> , 2022, 29, 634-635.	1.3	3
43	Synergistic effect of hypoalbuminaemia and hypotension in predicting in-hospital mortality and intensive care admission: a retrospective cohort study. <i>BMJ Open</i> , 2021, 11, e050216.	0.8	3
44	Machine Learning Model for Outcome Prediction of Patients Suffering from Acute Diverticulitis Arriving at the Emergency Department" A Proof of Concept Study. <i>Diagnostics</i> , 2021, 11, 2102.	1.3	3
45	Weakly supervised attention model for RV strain classification from volumetric CTPA scans. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 220, 106815.	2.6	3
46	Prediction of Recurrent Emergency Department Visits among Patients with Crohn's Disease: A Retrospective Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 3651.	1.0	2
47	Normal-range emergency department serum phosphorus levels and all-cause mortality. <i>Postgraduate Medical Journal</i> , 2021, 97, 83-88.	0.9	2
48	Pediatric literature trends: high-level analysis using text-mining. <i>Pediatric Research</i> , 2021, 90, 212-215.	1.1	2
49	Artificial Intelligence for the Evaluation of Mucosal Healing in IBD: The Future is Here. <i>Gastroenterology</i> , 2021, 161, 1073-1074.	0.6	2
50	Machine learning for prediction of intra-abdominal abscesses in patients with Crohn's disease visiting the emergency department. <i>Therapeutic Advances in Gastroenterology</i> , 2021, 14, 175628482110531.	1.4	2
51	The Yield of Upper Gastrointestinal Endoscopy at a Pediatric Tertiary Care Center. <i>Israel Medical Association Journal</i> , 2020, 22, 164-168.	0.1	2
52	Weakly Supervised Multimodal 30-Day All-Cause Mortality Prediction for Pulmonary Embolism Patients. , 2022, , .		2
53	Predictors of mortality in inflammatory bowel disease patients treated for pneumonia. <i>Therapeutic Advances in Gastroenterology</i> , 2020, 13, 175628482093945.	1.4	1
54	Decreased Iron Overload and Oxidative Stress in Transfusion Dependent Patients with Myelodysplastic Syndromes (MDS) with the Oral Iron Chelator Deferiprone. <i>Blood</i> , 2018, 132, 4381-4381.	0.6	1

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55	A Case of Aseptic Renal Abscesses Associated With IBD. <i>Inflammatory Bowel Diseases</i> , 2021, 27, e28-e29.	0.9	1
56	Machine Learning to Predict In-Hospital Mortality among Patients with Severe Obesity: Proof of Concept Study. <i>Obesity Science and Practice</i> , 0, , .	1.0	0
57	Changes in <i>Helicobacter pylori</i> Treatment from Discovery to Nowadays: A High-Level Analysis of PubMed Publications. <i>Clinical and Experimental Gastroenterology</i> , 2022, Volume 15, 51-58.	1.0	0
58	Low Frequency of Folate and Vitamin B12 Deficiency in Patients with Marked Macrocytic Anemia. <i>Journal of General Internal Medicine</i> , 2022, , .	1.3	0
59	Trends in inflammatory bowel disease infections and vaccinations in the past four decades: A high-level text mining analysis of PubMed publications. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, 1-6.	1.4	0