

# Shelly Soffer

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

1,634  
citations

516710

16  
h-index

315739

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. Radiology, 2019, 290, 590-606.	7.3	339
2	Severe Obesity as an Independent Risk Factor for COVID-19 Mortality in Hospitalized Patients Younger than 50. Obesity, 2020, 28, 1595-1599.	3.0	238
3	Deep learning algorithms for automated detection of Crohn's disease ulcers by video capsule endoscopy. Gastrointestinal Endoscopy, 2020, 91, 606-613.e2.	1.0	149
4	Deep learning for wireless capsule endoscopy: a systematic review and meta-analysis. Gastrointestinal Endoscopy, 2020, 92, 831-839.e8.	1.0	138
5	Incipient Melanoma Brain Metastases Instigate Astrogliosis and Neuroinflammation. Cancer Research, 2016, 76, 4359-4371.	0.9	81
6	A Gradient Boosting Machine Learning Model for Predicting Early Mortality in the Emergency Department Triage: Devising a Nine-Point Triage Score. Journal of General Internal Medicine, 2020, 35, 220-227.	2.6	60
7	Deep learning visual analysis in laparoscopic surgery: a systematic review and diagnostic test accuracy meta-analysis. Surgical Endoscopy and Other Interventional Techniques, 2021, 35, 1521-1533.	2.4	60
8	Ulcer severity grading in video capsule images of patients with Crohn's disease: an ordinal neural network solution. Gastrointestinal Endoscopy, 2021, 93, 187-192.	1.0	56
9	Deep learning for pulmonary embolism detection on computed tomography pulmonary angiogram: a systematic review and meta-analysis. Scientific Reports, 2021, 11, 15814.	3.3	54
10	Overuse of CT and MRI in paediatric emergency departments. British Journal of Radiology, 2018, 91, 20170434.	2.2	53
11	Automated Detection of Crohn's Disease Intestinal Strictures on Capsule Endoscopy Images Using Deep Neural Networks. Journal of Crohn's and Colitis, 2021, 15, 749-756.	1.3	43
12	The association between obesity and peak antibody titer response in COVID-19 infection. Obesity, 2021, 29, 1547-1553.	3.0	35
13	Artificial Intelligence for Interstitial Lung Disease Analysis on Chest Computed Tomography: A Systematic Review. Academic Radiology, 2022, 29, S226-S235.	2.5	29
14	Efficacy and Safety of Third Dose of the COVID-19 Vaccine among Solid Organ Transplant Recipients: A Systemic Review and Meta-Analysis. Vaccines, 2022, 10, 95.	4.4	28
15	Deep learning for noninvasive liver fibrosis classification: A systematic review. Liver International, 2021, 41, 2269-2278.	3.9	22
16	Comparison of deep learning models for natural language processing-based classification of non-English head CT reports. Neuroradiology, 2020, 62, 1247-1256.	2.2	19
17	The Prognostic Role of Neutrophil-to-Lymphocyte Ratio in Patients Hospitalized with Acute Pulmonary Embolism. Journal of Clinical Medicine, 2021, 10, 4058.	2.4	17
18	Detection of Pathologically Proven Silicone Lymphadenopathy: Ultrasonography Versus Magnetic Resonance Imaging. Journal of Ultrasound in Medicine, 2018, 37, 969-975.	1.7	16

#	ARTICLE	IF	CITATIONS
19	Promoting head CT exams in the emergency department triage using a machine learning model. <i>Neuroradiology</i> , 2020, 62, 153-160.	2.2	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.	2.5	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.	2.1	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.	1.5	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.	0.6	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.	1.5	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.	2.6	10
26	Risk factors and mortality in patients with pneumonia and elevated troponin levels. <i>Scientific Reports</i> , 2020, 10, 21619.	3.3	8
27	Yield of head CT for acute findings in patients presenting to the emergency department. <i>Clinical Imaging</i> , 2021, 73, 1-5.	1.5	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.	3.8	7
29	Obesity as a mortality risk factor in the medical ward: a case control study. <i>BMC Endocrine Disorders</i> , 2022, 22, 13.	2.2	6
30	Thromboprophylaxis for Hospitalized Patients with Inflammatory Bowel Disease—Are We There Yet?. <i>Journal of Clinical Medicine</i> , 2020, 9, 2753.	2.4	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.	1.9	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.	1.8	5
33	Innovation in Gastroenterology—Can We Do Better?. <i>Biomimetics</i> , 2022, 7, 33.	3.3	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.	2.0	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.	3.2	4
36	Artificial intelligence in colonoscopy. <i>The Lancet Gastroenterology and Hepatology</i> , 2021, 6, 984.	8.1	4

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37	Oncological Applications of Deep Learning Generative Adversarial Networks. JAMA Oncology, 2022, 8, 677.	7.1	4
38	Is fluorescence <i>in-situ</i> hybridization sufficient in patients with myelodysplastic syndromes and insufficient cytogenetic testing?. Leukemia and Lymphoma, 2019, 60, 764-771.	1.3	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) Tj ETQq1 1 0.784314 rgB2/Overlook 10 Tf 30	1.2	3
40	Comment on "Natural Language Processing in Surgery: A Systematic Review and Meta-analysis". Annals of Surgery, 2021, 274, e941-e942.	4.2	3
41	A Simple Free-Text-like Method for Extracting Semi-Structured Data from Electronic Health Records: Exemplified in Prediction of In-Hospital Mortality. Big Data and Cognitive Computing, 2021, 5, 40.	4.7	3
42	BERT for the Processing of Radiological Reports: An Attention-based Natural Language Processing Algorithm. Academic Radiology, 2022, 29, 634-635.	2.5	3
43	Synergistic effect of hypoalbuminaemia and hypotension in predicting in-hospital mortality and intensive care admission: a retrospective cohort study. BMJ Open, 2021, 11, e050216.	1.9	3
44	Machine Learning Model for Outcome Prediction of Patients Suffering from Acute Diverticulitis Arriving at the Emergency Departmentâ€”A Proof of Concept Study. Diagnostics, 2021, 11, 2102.	2.6	3
45	Weakly supervised attention model for RV strain classification from volumetric CTPA scans. Computer Methods and Programs in Biomedicine, 2022, 220, 106815.	4.7	3
46	Prediction of Recurrent Emergency Department Visits among Patients with Crohn's Disease: A Retrospective Study. Journal of Clinical Medicine, 2020, 9, 3651.	2.4	2
47	Normal-range emergency department serum phosphorus levels and all-cause mortality. Postgraduate Medical Journal, 2021, 97, 83-88.	1.8	2
48	Pediatric literature trends: high-level analysis using text-mining. Pediatric Research, 2021, 90, 212-215.	2.3	2
49	Artificial Intelligence for the Evaluation of Mucosal Healing in IBD: The Future is Here. Gastroenterology, 2021, 161, 1073-1074.	1.3	2
50	Machine learning for prediction of intra-abdominal abscesses in patients with Crohn's disease visiting the emergency department. Therapeutic Advances in Gastroenterology, 2021, 14, 175628482110531.	3.2	2
51	The Yield of Upper Gastrointestinal Endoscopy at a Pediatric Tertiary Care Center. Israel Medical Association Journal, 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. Therapeutic Advances in Gastroenterology, 2020, 13, 175628482093945.	3.2	1
54	Decreased Iron Overload and Oxidative Stress in Transfusion Dependent Patients with Myelodysplastic Syndromes (MDS) with the Oral Iron Chelator Deferiprone. Blood, 2018, 132, 4381-4381.	1.4	1

#	ARTICLE	IF	CITATIONS
55	A Case of Aseptic Renal Abscesses Associated With IBD. Inflammatory Bowel Diseases, 2021, 27, e28-e29.	1.9	1
56	Machine Learning to Predict In-Hospital Mortality among Patients with Severe Obesity: Proof of Concept Study. Obesity Science and Practice, 0, , .	1.9	0
57	Changes in Helicobacter pylori Treatment from Discovery to Nowadays: A High-Level Analysis of PubMed Publications. Clinical and Experimental Gastroenterology, 2022, Volume 15, 51-58.	2.3	0
58	Low Frequency of Folate and Vitamin B12 Deficiency in Patients with Marked Macrocytic Anemia. Journal of General Internal Medicine, 2022, , .	2.6	0
59	Trends in inflammatory bowel disease infections and vaccinations in the past four decades: A high-level text mining analysis of PubMed publications. Human Vaccines and Immunotherapeutics, 2022, 18, 1-6.	3.3	0