

# Gino Soldati

## List of Publications by Year in descending order

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74  
papers

7,237  
citations

168829

31  
h-index

129628

63  
g-index

75  
all docs

75  
docs citations

75  
times ranked

5423  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrating Domain Knowledge Into Deep Networks for Lung Ultrasound With Applications to COVID-19. IEEE Transactions on Medical Imaging, 2022, 41, 571-581.	5.4	25
2	Vertical Artifacts in Lung Ultrasonography: Some Common Clinician Questions and the Related Engineer Answers. Diagnostics, 2022, 12, 215.	1.3	14
3	What Is COVID 19 Teaching Us about Pulmonary Ultrasound?. Diagnostics, 2022, 12, 838.	1.3	8
4	Pleuropulmonary Ultrasound in Pediatrics: Proposal of a Reporting Model From the Academy of Thoracic Ultrasound. Journal of Ultrasound in Medicine, 2022, 41, 2637-2641.	0.8	7
5	Operative Use of Thoracic Ultrasound in Respiratory Medicine: A Clinical Study. Diagnostics, 2022, 12, 952.	1.3	3
6	On the Impact of Different Lung Ultrasound Imaging Protocols in the Evaluation of Patients Affected by Coronavirus Disease 2019. Journal of Ultrasound in Medicine, 2021, 40, 2235-2238.	0.8	45
7	A New Lung Ultrasound Protocol Able to Predict Worsening in Patients Affected by Severe Acute Respiratory Syndrome Coronavirus 2 Pneumonia. Journal of Ultrasound in Medicine, 2021, 40, 1627-1635.	0.8	69
8	Reply to LUS in pregnant women with suspected COVID-19 infection. Journal of Ultrasound in Medicine, 2021, 40, 649-650.	0.8	0
9	Time for a new international evidence-based recommendations for point-of-care lung ultrasound. Journal of Ultrasound in Medicine, 2021, 40, 433-434.	0.8	7
10	Lung Ultrasound for Treatment of Patients With COVID-19. Journal of Ultrasound in Medicine, 2021, 40, 187-189.	0.8	0
11	Reply. Journal of Ultrasound in Medicine, 2021, 40, 213-214.	0.8	0
12	Reply: on CEUS Applicability to COVID-19 Patients. Journal of Ultrasound in Medicine, 2021, 40, 867-868.	0.8	2
13	Reply to Colorimetric Triage for Patients with COVID-19. Journal of Ultrasound in Medicine, 2021, 40, 863-864.	0.8	0
14	Lung Ultrasound for COVID-19 Patchy Pneumonia. Journal of Ultrasound in Medicine, 2021, 40, 521-528.	0.8	36
15	Clinical Impact of Vertical Artifacts Changing with Frequency in Lung Ultrasound. Diagnostics, 2021, 11, 401.	1.3	16
16	WFUMB position paper on reverberation artefacts in lung ultrasound: B-lines or comet-tails?. Medical Ultrasonography, 2021, 23, 70.	0.4	23
17	There is a Validated Acquisition Protocol for Lung Ultrasonography in COVID-19 Pneumonia. Journal of Ultrasound in Medicine, 2021, 40, 2783.	0.8	4
18	LUS for COVID-19 Pneumonia: Flexible or Reproducible Approach?. Journal of Ultrasound in Medicine, 2021, , .	0.8	2

#	ARTICLE	IF	CITATIONS
19	Deep learning applied to lung ultrasound videos for scoring COVID-19 patients: A multicenter study. Journal of the Acoustical Society of America, 2021, 149, 3626-3634.	0.5	33
20	Point of Care Image Analysis for COVID-19. , 2021, , .		5
21	Reply. Journal of Ultrasound in Medicine, 2021, 40, 2263-2264.	0.8	6
22	Investigating training-test data splitting strategies for automated segmentation and scoring of COVID-19 lung ultrasound images. Journal of the Acoustical Society of America, 2021, 150, 4118-4127.	0.5	11
23	Quantitative Lung Ultrasound Spectroscopy Applied to the Diagnosis of Pulmonary Fibrosis: The First Clinical Study. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2020, 67, 2265-2273.	1.7	45
24	Real-time multi-frequency ultrasound imaging for quantitative lung ultrasound – first clinical results. Journal of the Acoustical Society of America, 2020, 148, 998-1006.	0.5	40
25	Deep Learning for Classification and Localization of COVID-19 Markers in Point-of-Care Lung Ultrasound. IEEE Transactions on Medical Imaging, 2020, 39, 2676-2687.	5.4	422
26	On Lung Ultrasound Patterns Specificity in the Management of COVID-19 Patients. Journal of Ultrasound in Medicine, 2020, 39, 2283-2284.	0.8	26
27	<sc>Contrast-Enhanced</sc> Ultrasound in Patients With <sc>COVID</sc>-19. Journal of Ultrasound in Medicine, 2020, 39, 2483-2489.	0.8	34
28	Lung Ultrasound Pattern in Healthy Infants During the First 6-Months of Life. Journal of Ultrasound in Medicine, 2020, 39, 2379-2388.	0.8	25
29	Reply. American Journal of Obstetrics and Gynecology, 2020, 223, 616.	0.7	0
30	Is There a Role for Lung Ultrasound During the <sc>COVID</sc>-19 Pandemic?. Journal of Ultrasound in Medicine, 2020, 39, 1459-1462.	0.8	369
31	Proposal for International Standardization of the Use of Lung Ultrasound for Patients With <sc>COVID</sc>-19. Journal of Ultrasound in Medicine, 2020, 39, 1413-1419.	0.8	483
32	Artifactual Lung Ultrasonography: It Is a Matter of Traps, Order, and Disorder. Applied Sciences (Switzerland), 2020, 10, 1570.	1.3	56
33	Possible Role of Chest Ultrasonography for the Evaluation of Peripheral Fibrotic Pulmonary Changes in Patients Affected by Idiopathic Pulmonary Fibrosis – Pilot Case Series. Applied Sciences (Switzerland), 2020, 10, 1617.	1.3	7
34	Automatic Pleural Line Extraction and COVID-19 Scoring From Lung Ultrasound Data. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2020, 67, 2207-2217.	1.7	61
35	Lung ultrasonography for early management of patients with respiratory symptoms during COVID-19 pandemic. Journal of Ultrasound, 2020, 23, 449-456.	0.7	29
36	Clinical Use and Barriers of Thoracic Ultrasound: A Survey of Italian Pulmonologists. Respiration, 2020, 99, 171-176.	1.2	11

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37	The diagnosis of pneumonia in a pregnant woman with coronavirus disease 2019 using maternal lung ultrasound. American Journal of Obstetrics and Gynecology, 2020, 223, 9-11.	0.7	45
38	Differentiation of Pulmonary Fibrosis by Means of Quantitative Lung Ultrasound Spectroscopy, First Clinical Study in Humans. , 2020, , .		1
39	The role of ultrasound lung artifacts in the diagnosis of respiratory diseases. Expert Review of Respiratory Medicine, 2019, 13, 163-172.	1.0	154
40	Ultrasound patterns of pulmonary edema. Annals of Translational Medicine, 2019, 7, S16-S16.	0.7	28
41	The Best Approach for Detecting B-Lines. Chest, 2018, 153, 1080.	0.4	0
42	On the artefactual information of ultrasound lung images: A lines and B lines. Proceedings of Meetings on Acoustics, 2018, , .	0.3	9
43	Chest ultrasonography in health surveillance of asbestos-related lung diseases. Toxicology and Industrial Health, 2017, 33, 537-546.	0.6	11
44	The use of lung ultrasound images for the differential diagnosis of pulmonary and cardiac interstitial pathology. Journal of Ultrasound, 2017, 20, 91-96.	0.7	66
45	Lung Ultrasound Pattern Is Normal during the Last Gestational Weeks: An Observational Pilot Study. Gynecologic and Obstetric Investigation, 2017, 82, 398-403.	0.7	19
46	Determination of a potential quantitative measure of the state of the lung using lung ultrasound spectroscopy. Scientific Reports, 2017, 7, 12746.	1.6	73
47	Novel aspects in diagnostic approach to respiratory patients: is it the time for a new semiotics?. Multidisciplinary Respiratory Medicine, 2017, 12, 15.	0.6	16
48	On the Physical Basis of Pulmonary Sonographic Interstitial Syndrome. Journal of Ultrasound in Medicine, 2016, 35, 2075-2086.	0.8	114
49	Possible use of chest ultrasonography in asbestos related lung diseases. , 2016, , .		1
50	Lung Ultrasonography and Vertical Artifacts: The Shape of Air. Respiration, 2015, 90, 86-86.	1.2	16
51	Lung Ultrasonography May Provide an Indirect Estimation of Lung Porosity and Airspace Geometry. Respiration, 2014, 88, 458-468.	1.2	78
52	Ultrasonography in lung pathologies: new perspectives. Multidisciplinary Respiratory Medicine, 2014, 9, 27.	0.6	28
53	B-Lines: To Count or Not to Count?. JACC: Cardiovascular Imaging, 2014, 7, 635-636.	2.3	15
54	Ultrasound-guided pleural puncture in supine or recumbent lateral position - feasibility study. Multidisciplinary Respiratory Medicine, 2013, 8, 18.	0.6	18

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55	The role of chest ultrasonography in the management of respiratory diseases: document I. Multidisciplinary Respiratory Medicine, 2013, 8, 54.	0.6	59
56	The role of chest ultrasonography in the management of respiratory diseases: document II. Multidisciplinary Respiratory Medicine, 2013, 8, 55.	0.6	59
57	Description of Free-Flowing Pleural Effusions in Medical Reports after Echographic Assessment. Respiration, 2013, 85, 439-441.	1.2	17
58	Early recognition of the 2009 pandemic influenza A (H1N1) pneumonia by chest ultrasound. Critical Care, 2012, 16, R30.	2.5	125
59	Ex Vivo Lung Sonography: Morphologic-Ultrasound Relationship. Ultrasound in Medicine and Biology, 2012, 38, 1169-1179.	0.7	94
60	International evidence-based recommendations for point-of-care lung ultrasound. Intensive Care Medicine, 2012, 38, 577-591.	3.9	2,641
61	Can Lung Comets Be Counted as "Objects". JACC: Cardiovascular Imaging, 2011, 4, 438-439.	2.3	30
62	"Synthetic" Comets: A New Look at Lung Sonography. Ultrasound in Medicine and Biology, 2011, 37, 1762-1770.	0.7	53
63	Ultrasound M-Mode Assessment of Diaphragmatic Kinetics by Anterior Transverse Scanning in Healthy Subjects. Ultrasound in Medicine and Biology, 2011, 37, 44-52.	0.7	152
64	Ultrasound performs better than radiographs. Thorax, 2011, 66, 828-829.	2.7	36
65	Ultrasound Pattern in Pulmonary Fibrosis: Have the Vertical Artifacts Disappeared?. Ultrasound in Medicine and Biology, 2010, 36, 356-357.	0.7	5
66	If you see the contusion, there is no pneumothorax. American Journal of Emergency Medicine, 2010, 28, 106-107.	0.7	11
67	EFAST: The evolution of FAST in politrauma. Emergency Care Journal, 2009, 5, 7.	0.2	0
68	Sonographic Interstitial Syndrome. Journal of Ultrasound in Medicine, 2009, 28, 163-174.	0.8	204
69	Acute heart failure: new diagnostic perspectives for the emergency physician. Internal and Emergency Medicine, 2008, 3, 37-41.	1.0	13
70	Chest sonography: a useful tool to differentiate acute cardiogenic pulmonary edema from acute respiratory distress syndrome. Cardiovascular Ultrasound, 2008, 6, 16.	0.5	424
71	Occult Traumatic Pneumothorax. Chest, 2008, 133, 204-211.	0.4	387
72	Chest Ultrasonography in Lung Contusion. Chest, 2006, 130, 533-538.	0.4	222

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73	The ultrasonographic deep sulcus sign in traumatic pneumothorax. <i>Ultrasound in Medicine and Biology</i> , 2006, 32, 1157-1163.	0.7	88
74	Ultrasonography in lung pathologies: new perspectives. <i>Multidisciplinary Respiratory Medicine</i> , 0, 9, .	0.6	1