Citation Report

gruionu l (Author)

Analyze Results | Create Alert

Export Full Report

Publications

59
Total

From 1975 to 2025

Citing Articles

472 Analyze
Total

457 Analyze
Without self-citations

Times Cited

490
Total

8.31
Average per item

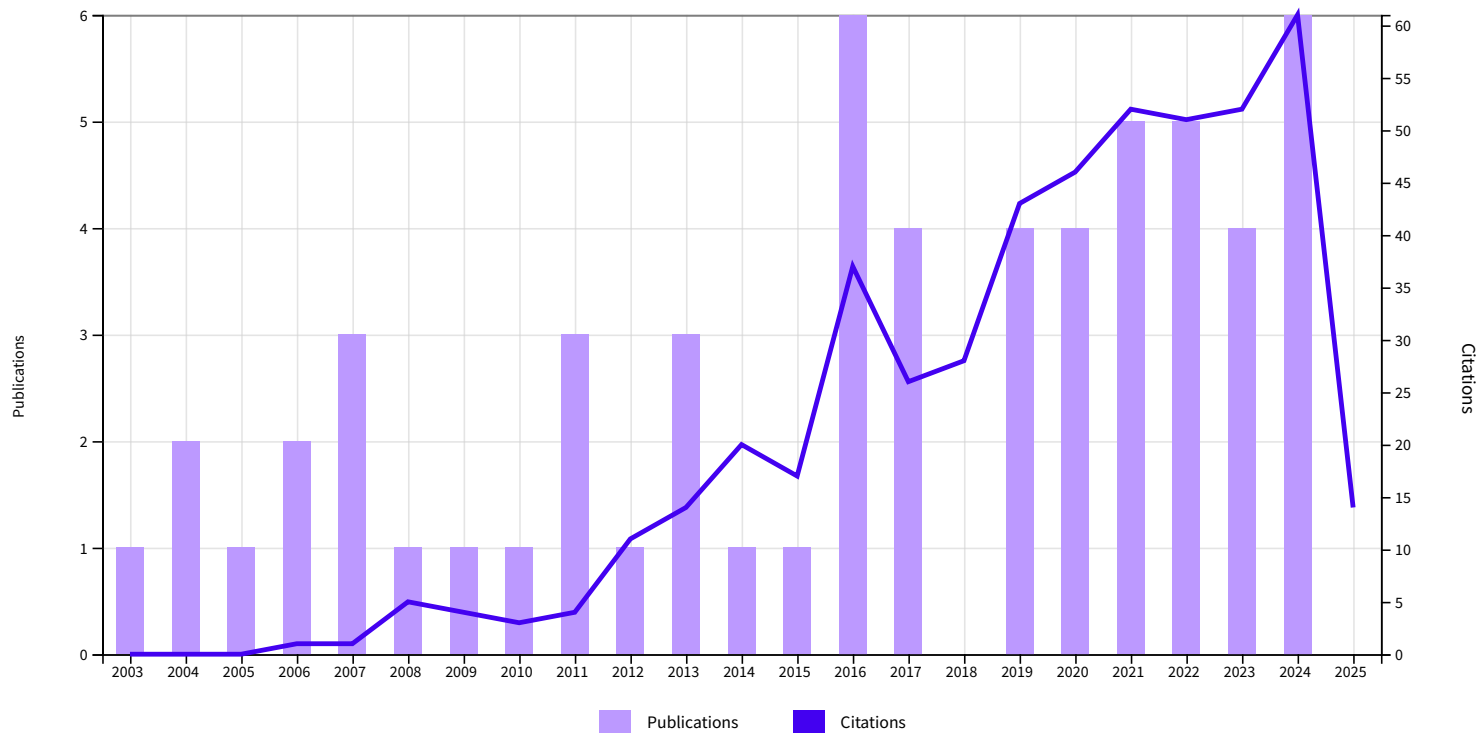
467
Without self-citations

H-Index

13
H-Index

Times Cited and Publications Over Time

DOWNLOAD



59 Publications

Sort by Citations: highest...

1 of 2

	Citations						
	Previous year				Next year	Average per year	Total
	2021	2022	2023	2024	2025		
Total	52	51	52	61	14	24.5	490
1 Real-Time Image Fusion Involving Diagnostic Ultrasound Ewertsen, C; Saftoiu, A; (...); Nielsen, MB Mar 2013 | AMERICAN JOURNAL OF ROENTGENOLOGY 200 (3) , pp.W249-W255	7	4	6	6	1	6.85	89

2	Computer Aided Diagnosis for Confocal Laser Endomicroscopy in Advanced Colorectal Adenocarcinoma Stefanescu, D; Streba, C; (...); Gruionu, LG May 4 2016 | PLOS ONE 11 (5)	9	6	5	3	0	5.1	51
3	Does needle rotation improve lesion targeting? Badaan, S; Petrisor, D; (...); Stoianovici, D Jun 2011 | INTERNATIONAL JOURNAL OF MEDICAL ROBOTICS AND COMPUTER ASSISTED SURGERY 7 (2) , pp.138-147	3	1	2	2	0	3.13	47
4	Three-Dimensional Endovascular Navigation With Electromagnetic Tracking: Ex Vivo and In Vivo Accuracy Manstad-Hulaas, F; Tangen, GA; (...); Hernes, TAN Apr 2011 | JOURNAL OF ENDOVASCULAR THERAPY 18 (2) , pp.230-240	4	1	2	4	0	2.53	38
5	Lead-Free Piezoelectric (Ba,Ca)(Zr,Ti)O_3 Thin Films for Biocompatible and Flexible Devices Scarisoreanu, ND; Craciun, F; (...); Graionu, G Jan 11 2017 | ACS APPLIED MATERIALS & INTERFACES 9 (1) , pp.266-278	5	4	4	4	2	3.33	30
6	Real-time computer-aided diagnosis of focal pancreatic masses from endoscopic ultrasound imaging based on a hybrid convolutional and long short-term memory neural network model Udristoiu, AL; Cazacu, IM; (...); Saftoiu, A Jun 28 2021 | PLOS ONE 16 (6) Enriched Cited References	0	8	10	8	3	5.8	29
7	Artificial intelligence in pancreatic cancer: Toward precision diagnosis Cazacu, IM; Udristoiu, A; (...); Saftoiu, A Nov-dec 2019 | ENDOSCOPIC ULTRASOUND 8 (6) , pp.357-359	5	3	3	4	0	2.71	19
8	Intelligent Diagnosis of Thyroid Ultrasound Imaging Using an Ensemble of Deep Learning Methods Vasile, CM; Udristoiu, AL; (...); Alexandru, DO Apr 2021 | MEDICINA-LITHUANIA 57 (4) Enriched Cited References	4	8	1	3	0	3.2	16
9	Transfer learning with pre-trained deep convolutional neural networks for the automatic assessment of liver steatosis in ultrasound images Constantinescu, EC; Udristoiu, AL; (...); Saftoiu, A 2021 | MEDICAL ULTRASONOGRAPHY 23 (2) , pp.135-139 Enriched Cited References	0	5	8	3	0	3.2	16
10	Deep Learning Algorithm for the Confirmation of Mucosal Healing in Crohn's Disease, Based on Confocal Laser Endomicroscopy Images Udristoiu, AL; Stefanescu, D; (...); Saftoiu, A Mar 2021 | JOURNAL OF GASTROINTESTINAL AND LIVER DISEASES 30 (1) , pp.59-65	2	3	3	5	2	3	15

11	Confocal Laser Endomicroscopy for the Morphometric Evaluation of Microvessels in Human Colorectal Cancer Using Targeted Anti-CD31 Antibodies Cârtâna, T; Saftoiu, A; (...); Gruionu, G Dec 28 2012 | PLOS ONE 7 (12)	0	0	0	1	0	1.07	15
12	Intraoperative localized constrained registration in navigated bronchoscopy Hofstad, EF; Sorger, H; (...); Lango, T Aug 2017 | MEDICAL PHYSICS 44 (8) , pp.4204-4212	3	0	3	2	0	1.56	14
13	Utility of confocal laser endomicroscopy in pulmonology and lung cancer Streba, CT; Gîltan, AM; (...); Gruionu, LG 2016 | ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY 57 (4) , pp.1221-1227	3	1	1	0	0	1.3	13
14	Synthetic torso for training in and evaluation of urologic laparoscopic skills Mazilu, D; Patriciu, A; (...); Stoianovici, D May 2006 | JOURNAL OF ENDOUROLOGY 20 (5) , pp.340-345	0	0	0	0	0	0.6	12
15	Structural adaptation increases predicted perfusion capacity after vessel obstruction in arteriolar arcade network of pig skeletal muscle Gruionu, G; Hoying, JB; (...); Secomb, TW Jun 2005 | AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY 288 (6) , pp.H2778-H2784	1	0	0	1	0	0.48	10
16	A novel fusion imaging system for endoscopic ultrasound Gruionu, LG; Saftoiu, A and Gruionu, G Jan-feb 2016 | ENDOSCOPIC ULTRASOUND 5 (1) , pp.35-42	2	3	0	0	0	0.9	9
17	Evaluation of New Morphometric Parameters of Neoangiogenesis in Human Colorectal Cancer Using Confocal Laser Endomicroscopy (CLE) and Targeted Panendothelial Markers Ciocâlteu, A; Saftoiu, A; (...); Gruionu, G Mar 10 2014 | PLOS ONE 9 (3)	0	0	0	0	0	0.67	8
18	Tumor neoangiogenesis detection by confocal laser endomicroscopy and anti-CD105 antibody: Pilot study Ciocâlteu, A; Saftoiu, A; (...); Gruionu, G Nov 15 2015 | WORLD JOURNAL OF GASTROINTESTINAL ONCOLOGY 7 (11) , pp.361-368	1	0	0	0	0	0.64	7
19	Feasibility of a lung airway navigation system using fiber-Bragg shape sensing and artificial intelligence for early diagnosis of lung cancer Gruionu, LG; Udristoiu, AL; (...); Gruionu, G Dec 7 2022 | PLOS ONE 17 (12) Enriched Cited References	0	0	1	3	2	1.5	6

20	Implantable tissue isolation chambers for analyzing tumor dynamics *in vivo* Gruionu, G; Bazou, D; (...); Munn, LL 2016 | LAB ON A CHIP 16 (10) , pp.1840-1851	0	0	1	0	0	0.6	6
21	Biomechanical changes of hip joint following different types of corrective osteotomy - photoelastic studies Iliescu, N; Pastrama, SD; (...); Jiga, G 2008 | ACTA OF BIOENGINEERING AND BIOMECHANICS 10 (3) , pp.65-71	0	0	0	1	0	0.33	6
22	Preoperative Computer-Assisted Laparoscopy Planning for the Minimally Invasive Surgical Repair of Hiatal Hernia Preda, SD; Ciobîrca, C; (...); Surlin, V Sep 2020 | DIAGNOSTICS 10 (9) Enriched Cited References	1	0	1	3	0	0.83	5
23	Feasibility of a Portable Abdominal Insufflation Device for Controlling Intraperitoneal Bleeding After Abdominal Blunt Trauma Gruionu, G; Gruionu, LG; (...); Velmahos, G Dec 2019 | SURGICAL INNOVATION 26 (6) , pp.662-667	1	3	0	1	0	0.71	5
24	Bone Regeneration Induced by Patient-Adapted Mg Alloy-Based Scaffolds for Bone Defects: Present and Future Perspectives Manescu, V; Antoniac, I; (...); Dura, H Dec 2023 | BIOMIMETICS 8 (8)	0	0	0	2	2	1.33	4
25	Mechanical and Computational Fluid Dynamic Models for Magnesium-Based Implants Manescu, V; Paltanea, G; (...); Porumb, A Feb 2024 | MATERIALS 17 (4) Enriched Cited References	0	0	0	2	1	1.5	3
26	Stress Distribution on a Valgus Knee Prosthetic Inclined Interline - A Finite Element Analysis Orban, H; Stan, G; (...); Orban, C Jan-feb 2013 | CHIRURGIA 108 (1) , pp.91-93	0	0	0	0	0	0.23	3
27	Transbronchial biopsy based on electromagnetic tracked biopsy forceps Choi, J; Gruionu, L; (...); Cleary, K Jun 2007 | INTERNATIONAL JOURNAL OF COMPUTER ASSISTED RADIOLOGY AND SURGERY 2 , pp.S143-S145	0	0	0	0	0	0.11	2
28	A 3D finite element model of a knee for joint contact stress analysis during sport activities Bratianu, C; Rinderu, P and Gruionu, L 5th International Conference on Fracture and Strength of Solids/2nd International Conference on Physics and Chemistry of Fracture and Failure Prevention 2004 | ADVANCES IN FRACTURE AND FAILURE PREVENTION, PTS 1 AND 2 261-263 , pp.513-517	0	0	0	1	0	0.09	2

29	REAL-TIME AI-ENHANCED ANALYSIS OF EUS MOVIES USED FOR DETECTION AND SEGMENTATION OF CYSTIC PANCREATIC LESIONS AND FOCAL PANCREATIC MASSES Bang, JY; Saftoiu, A; (...); Varadarajulu, S Digestive Disease Week (DDW) Jun 2024 | GASTROINTESTINAL ENDOSCOPY 99 (6) , pp.AB38-AB38	0	0	0	1	0	0.5	1
30	Artificial Intelligence (AI)-Enhanced Ultrasound Techniques Used in Non-Alcoholic Fatty Liver Disease: Are They Ready for Prime Time? Gheorghe, EC; Nicolau, C; (...); Saftoiu, A Apr 2023 | APPLIED SCIENCES-BASEL 13 (8)	0	0	0	0	1	0.33	1
31	DEEP LEARNING ASSESSMENT OF INFLAMMATION AND ANGIOGENESIS IN LIVER STEATOSIS AS AN ACCURATE PREDICTOR OF LIVER SURGERY COMPLICATIONS Constantinescu, C; Udristoiu, A; (...); Saftoiu, A Digestive Disease Week (DDW) May 2022 | GASTROENTEROLOGY 162 (7) , pp.S1272-S1272	0	0	1	0	0	0.25	1
32	ROBOTIC ELECTROMAGNETIC AND OPTICAL NAVIGATION PLATFORM FOR MINIMALLY INVASIVE SURGICAL INTERVENTIONS Gruionu, LG; Stan, RS; (...); Gruionu, G Feb 2021 | ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING 64 (1) , pp.351-356	0	0	0	1	0	0.2	1
33	Semi-automatic guidance of a biopsy catheter to peripheral airways targets using a novel robotic and computer navigation system Gruionu, LG; Constantinescu, C; (...); Gruionu, G 35th Danubia Adria Symposium on Advances in Experimental Mechanics (DAS) 2019 | MATERIALS TODAY-PROCEEDINGS 12 , pp.304-308	0	1	0	0	0	0.14	1
34	Virtual bronchoscopy method based on marching cubes and an efficient collision detection and resolution algorithm Ciobirca, C; Popa, T; (...); Gruionu, LG Jul-dec 2016 | CIENCIA & TECNOLOGIA DOS MATERIAIS 28 (2) , pp.162-166	1	0	0	0	0	0.1	1
35	Development of a finite element model for lung tumor displacements during breathing Nutu, E; Petrescu, HA; (...); Pastrama, SD 32nd DANUBIA-ADRIA SYMPOSIUM on Advances in Experimental Mechanics (DAS) 2016 | MATERIALS TODAY-PROCEEDINGS 3 (4) , pp.1091-1096	0	0	0	0	0	0.1	1
36	Experimental simulation and computational modeling of the contact between femoral and tibial components in total knee arthroplasty Gruionu, LG; Pastrama, S; (...); Rinderu, P 11th International Congress of the IUPESM/World Congress on Medical Physics and Biomedical Engineering 2010 | WORLD CONGRESS ON MEDICAL PHYSICS AND BIOMEDICAL ENGINEERING, VOL 25, PT 4: IMAGE PROCESSING, BIOSIGNAL PROCESSING, MODELLING AND SIMULATION, BIOMECHANICS 25 , pp.1427-1430	0	0	0	0	0	0.06	1

37	Contact Studies between Total Knee Replacement Components Developed Using Explicit Finite Elements Analysis Gruionu, LG; Gruionu, G; (...); Avramescu, T 12th International Conference on Medical Image Computing and Computer-Assisted Intervention (MICCAI2009) 2009 | MEDICAL IMAGE COMPUTING AND COMPUTER-ASSISTED INTERVENTION - MICCAI 2009, PT II, PROCEEDINGS 5762 , pp.316-+	0	0	0	0	0	0.06	1
38	Computational simulation of a total knee prosthesis mechanical behaviour Bratianu, C and Gruionu, L 6th International Conference on Fracture and Strength of Solids 2006 | FRACTURE AND STRENGTH OF SOLIDS VI, PTS 1 AND 2 306-308 , pp.1265-1270	0	0	0	0	0	0.05	1
39	Deep learning segmentation architectures for automatic detection of pancreatic ductal adenocarcinoma in EUS-guided fine-needle biopsy samples based on whole-slide imaging Udristoiu, AL; Podina, N; (...); Saftoiu, A Nov-dec 2024 | ENDOSCOPIC ULTRASOUND 13 (6) , pp.335-344 Enriched Cited References	0	0	0	0	0	0	0
40	Performance of a Novel Artificial Intelligence System for Detection of Solid Pancreatic Mass Lesions at Real-Time Endoscopic Ultrasound (EUS) Bang, JY; Saftoiu, A; (...); Varadarajulu, S Annual Meeting of the American-College-of-Gastroenterology (ACG) Oct 2024 | AMERICAN JOURNAL OF GASTROENTEROLOGY 119 (10S) , pp.S3-S3	0	0	0	0	0	0	0
41	Experimental and theoretical model of microvascular network remodeling and blood flow redistribution following minimally invasive microvessel laser ablation Gruionu, G; Baish, J; (...); Munn, LL Apr 16 2024 | SCIENTIFIC REPORTS 14 (1) Enriched Cited References	0	0	0	0	0	0	0
42	Accuracy of instrument tip position using fiber optic shape sensing for navigated bronchoscopy Brekken, R; Hofstad, EF; (...); Lango, T Mar 2024 | MEDICAL ENGINEERING & PHYSICS 125 Enriched Cited References	0	0	0	0	0	0	0
43	FUSION ENDOSCOPIC ULTRASOUND IMAGING: IS IT READY FOR PRIME TIME? Saftoiu, A; Gruionu, L; (...); Gruionu, G Digestive Disease Week (DDW) Jun 2023 | GASTROINTESTINAL ENDOSCOPY 97 (6) , pp.AB839-AB839	0	0	0	0	0	0	0
44	FUSION ENDOSCOPIC ULTRASOUND IMAGING: IS IT READY FOR PRIME TIME? Saftoiu, A; Gruionu, L; (...); Gruionu, G Digestive Disease Week (DDW) Jun 2023 | GASTROINTESTINAL ENDOSCOPY 97 (6) , pp.AB933-AB933	0	0	0	0	0	0	0

45	ENDOVASCULAR PROCEDURES USING A ROBOTIC SYSTEM Gruionu, LG; Stan, RS; (...); Gruionu, G Sep 2022 | ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING 65 , pp.443-448	0	0	0	0	0	0	0
46	REAL-TIME COMPUTER AIDED DETECTION OF SOLID FOCAL PANCREATIC MASSES IN ENDOSCOPIC ULTRASOUND IMAGING BASED ON CONVOLUTIONAL NEURAL NETWORKS Udristoiu, A; Constantinescu, C; (...); Saftoiu, A Digestive Disease Week (DDW) Jun 2022 | GASTROINTESTINAL ENDOSCOPY 95 (6) , pp.AB538-AB538	0	0	0	0	0	0	0
47	Finite element simulation of the catheter movement in transbronchial biopsy Nutu, E; Vlasceanu, D; (...); Pastrama, SD 37th Danubia Adria Symposium on Advances in Experimental Mechanics (DAS) 2022 | MATERIALS TODAY-PROCEEDINGS 62 , pp.2587-2593	0	0	0	0	0	0	0
48	THE DESIGN OF A RECONFIGURABLE MODULAR 5X MILLING MACHINE Anania, FD; Pena, AE; (...); Gruionu, LG 7th International Conference on Integrity-Reliability-Failure (IRF) 2020 | 7TH INTERNATIONAL CONFERENCE INTEGRITY-RELIABILITY-FAILURE (IRF2020) , pp.395-396	0	0	0	0	0	0	0
49	SOLUTIONS TO MANUFACTURING COMPLEX SURFACES IN CNC MACHINE TOOLS But, A; Gruionu, LG; (...); Scaticailov, S 7th International Conference on Integrity-Reliability-Failure (IRF) 2020 | 7TH INTERNATIONAL CONFERENCE INTEGRITY-RELIABILITY-FAILURE (IRF2020) , pp.393-394	0	0	0	0	0	0	0
50	NAVIGATION SYSTEM FOR MEDICAL PROCEDURES USING FLEXIBLE INSTRUMENTS Gruionu, LG; Ciobirca, C; (...); Gruionu, G 7th International Conference on Integrity-Reliability-Failure (IRF) 2020 | 7TH INTERNATIONAL CONFERENCE INTEGRITY-RELIABILITY-FAILURE (IRF2020) , pp.1003-1004	0	0	0	0	0	0	0

Citation Report Publications Table