

# Nicola Avenia

## List of Publications by Year in descending order

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86  
papers

3,583  
citations

126708

33  
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143772

57  
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87  
all docs

87  
docs citations

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times ranked

4388  
citing authors

#	ARTICLE	IF	CITATIONS
1	Complications of Thyroid Surgery: Analysis of a Multicentric Study on 14,934 Patients Operated on in Italy over 5 Years. <i>World Journal of Surgery</i> , 2004, 28, 271-276.	0.8	753
2	BRAFV599EMutation Is the Leading Genetic Event in Adult Sporadic Papillary Thyroid Carcinomas. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 2414-2420.	1.8	259
3	Hypocalcemia following thyroid surgery: incidence and risk factors. A longitudinal multicenter study comprising 2,631 patients. <i>Endocrine</i> , 2014, 47, 537-542.	1.1	127
4	Does Mediastinal Extension of the Goiter Increase Morbidity of Total Thyroidectomy? A Multicenter Study of 19,662 Patients. <i>Annals of Surgical Oncology</i> , 2011, 18, 2251-2259.	0.7	89
5	Genetics of medullary thyroid cancer: An overview. <i>International Journal of Surgery</i> , 2017, 41, S2-S6.	1.1	89
6	Clinical implications of BRAF mutation in thyroid carcinoma. <i>Trends in Endocrinology and Metabolism</i> , 2008, 19, 138-145.	3.1	81
7	Aggressive Papillary Thyroid Microcarcinoma. <i>Clinical Nuclear Medicine</i> , 2013, 38, 25-28.	0.7	79
8	Necrotizing pancreatitis: A review of the interventions. <i>International Journal of Surgery</i> , 2016, 28, S163-S171.	1.1	79
9	The role of silicone stents in the treatment of cicatricial tracheal stenoses. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000, 120, 1064-1069.	0.4	77
10	Genotyping of an Italian papillary thyroid carcinoma cohort revealed high prevalence of BRAF mutations, absence of RAS mutations and allowed the detection of a new mutation of BRAF oncoprotein (BRAFV599Ins). <i>Clinical Endocrinology</i> , 2006, 64, 105-109.	1.2	77
11	Recurrent Laryngeal Nerve Damage and Phonetic Modifications after Total Thyroidectomy: Surgical Malpractice Only or Predictable Sequence?. <i>World Journal of Surgery</i> , 2005, 29, 780-784.	0.8	73
12	Indoleamine 2,3-Dioxygenase 1 (IDO1) Is Up-Regulated in Thyroid Carcinoma and Drives the Development of an Immunosuppressant Tumor Microenvironment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E832-E840.	1.8	73
13	Clinical significance of prophylactic central compartment neck dissection in the treatment of clinically node-negative papillary thyroid cancer patients. <i>World Journal of Surgical Oncology</i> , 2016, 14, 247.	0.8	66
14	Impact of prophylactic central compartment neck dissection on locoregional recurrence of differentiated thyroid cancer in clinically node-negative patients: A retrospective study of a large clinical series. <i>Surgery</i> , 2014, 155, 998-1005.	1.0	65
15	Surgical morbidity of cervical lymphadenectomy for thyroid cancer: A retrospective cohort study over 25 years. <i>International Journal of Surgery</i> , 2015, 21, 128-134.	1.1	63
16	Surgical treatment of neuroendocrine tumors of the lung*1. <i>European Journal of Cardio-thoracic Surgery</i> , 2004, 26, 813-817.	0.6	55
17	Is robot-assisted laparoscopic right colectomy more effective than the conventional laparoscopic procedure? A meta-analysis of short-term outcomes. <i>International Journal of Surgery</i> , 2015, 18, 75-82.	1.1	54
18	Primary breast lymphomas: a multicentric experience. <i>World Journal of Surgical Oncology</i> , 2010, 8, 53.	0.8	52

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19	Ultrasound-Guided Interstitial Laser Ablation for Thyroid Nodules Is Effective Only at High Total Amounts of Energy. <i>Surgical Innovation</i> , 2013, 20, 345-350.	0.4	48
20	Randomized Study Comparing Use of THUNDERBEAT Technology vs Standard Electrosurgery during Laparoscopic Radical Hysterectomy and Pelvic Lymphadenectomy for Gynecologic Cancer. <i>Journal of Minimally Invasive Gynecology</i> , 2014, 21, 447-453.	0.3	48
21	Analysis of human MDM4 variants in papillary thyroid carcinomas reveals new potential markers of cancer properties. <i>Journal of Molecular Medicine</i> , 2008, 86, 585-596.	1.7	46
22	Antibiotic prophylaxis in thyroid surgery: a preliminary multicentric italian experience. <i>Annals of Surgical Innovation and Research</i> , 2009, 3, 10.	1.3	46
23	Role of prophylactic central compartment lymph node dissection in clinically N0 differentiated thyroid cancer patients: analysis of risk factors and review of modern trends. <i>World Journal of Surgical Oncology</i> , 2016, 14, 149.	0.8	46
24	Meta-analysis of thyroidectomy with ultrasonic dissector versus conventional clamp and tie. <i>World Journal of Surgical Oncology</i> , 2010, 8, 112.	0.8	45
25	The role of prophylactic central compartment lymph node dissection in elderly patients with differentiated thyroid cancer: a multicentric study. <i>BMC Surgery</i> , 2019, 18, 110.	0.6	45
26	Single center experience with laparoscopic adrenalectomy on a large clinical series. <i>BMC Surgery</i> , 2018, 18, 2.	0.6	44
27	Surgical treatment of thyroid follicular neoplasms: results of a retrospective analysis of a large clinical series. <i>Endocrine</i> , 2017, 55, 530-538.	1.1	43
28	Ret/PTC activation does not influence clinical and pathological features of adult papillary thyroid carcinomas. <i>European Journal of Endocrinology</i> , 2003, 148, 505-513.	1.9	42
29	Pancreatic stump closure after pancreatoduodenectomy in elderly patients: a retrospective clinical study. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 35-40.	1.4	42
30	The role of surgery in the current management of differentiated thyroid cancer. <i>Endocrine</i> , 2014, 47, 380-388.	1.1	41
31	Current concepts of pheochromocytoma. <i>International Journal of Surgery</i> , 2014, 12, 469-474.	1.1	40
32	Interleukin-6 and pro inflammatory status in the breast tumor microenvironment. <i>World Journal of Surgical Oncology</i> , 2015, 13, 129.	0.8	40
33	Resection With Curative Intent After Endoscopic Treatment of Airway Obstruction. <i>Annals of Thoracic Surgery</i> , 1998, 65, 203-207.	0.7	38
34	Peroxisome Proliferator Activated Receptor- $\alpha$ /Hypoxia Inducible Factor-1 $\alpha$ Interplay Sustains Carbonic Anhydrase IX and Apolipoprotein E Expression in Breast Cancer Stem Cells. <i>PLoS ONE</i> , 2013, 8, e54968.	1.1	35
35	Efficacy of combined treatment for anaplastic thyroid carcinoma: Results of a multinstitutional retrospective analysis. <i>International Journal of Surgery</i> , 2014, 12, S178-S182.	1.1	33
36	Thyroid cancer invading the airway: diagnosis and management. <i>International Journal of Surgery</i> , 2016, 28, S75-S78.	1.1	33

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37	Intraoperative neuromonitoring versus visual nerve identification for prevention of recurrent laryngeal nerve injury in adults undergoing thyroid surgery. <i>The Cochrane Library</i> , 2016, , .	1.5	31
38	A single session of laser ablation for toxic thyroid nodules: three-year follow-up results. <i>International Journal of Hyperthermia</i> , 2018, 34, 631-635.	1.1	30
39	Intracellular Signal Transduction and Modification of the Tumor Microenvironment Induced by RET/PTCs in Papillary Thyroid Carcinoma. <i>Frontiers in Endocrinology</i> , 2012, 3, 67.	1.5	27
40	Insights into the molecular function of the inactivating mutations of B-Raf involving the DFG motif. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 1634-1645.	1.9	26
41	Thoracic duct lesions in thyroid surgery: An update on diagnosis, treatment and prevention based on a cohort study. <i>International Journal of Surgery</i> , 2016, 28, S33-S37.	1.1	24
42	Advanced hemostasis in axillary lymph node dissection for locally advanced breast cancer: new technology devices compared in the prevention of seroma formation. <i>BMC Surgery</i> , 2019, 18, 125.	0.6	24
43	Efficacy of Surgery and Imatinib Mesylate in the Treatment of Advanced Gastrointestinal Stromal Tumor: A Systematic Review. <i>Tumori</i> , 2010, 96, 392-399.	0.6	23
44	Laparoscopic hepatectomy for HCC in elderly patients: risks and feasibility. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 179-183.	1.4	22
45	Antecolic or Retrocolic Alimentary Limb in Laparoscopic Roux-en-Y Gastric Bypass? A Meta-Analysis. <i>Obesity Surgery</i> , 2016, 26, 182-195.	1.1	21
46	Clinical signs of retroperitoneal abscess from colonic perforation. <i>Medicine (United States)</i> , 2018, 97, e13176.	0.4	21
47	The administration of anesthetic in the thyroid pericapsular region increases the possibility of side effects during percutaneous laser photocoagulation of thyroid nodules. <i>Lasers in Surgery and Medicine</i> , 2013, 45, 34-37.	1.1	18
48	Medicolegal implications of surgical errors and complications in neck surgery: A review based on the Italian current legislation. <i>Open Medicine (Poland)</i> , 2016, 11, 298-306.	0.6	18
49	Thyroid nodule morphology affects the efficacy of ultrasound-guided interstitial laser ablation: A nested case-control study. <i>International Journal of Hyperthermia</i> , 2014, 30, 486-489.	1.1	17
50	Symptomatic annular pancreas in adult: Report of two different presentations and treatments and review of the literature. <i>International Journal of Surgery Case Reports</i> , 2016, 20, 21-24.	0.2	17
51	Signal Transducer and Activator of Transcription 1 Plays a Pivotal Role in RET/PTC3 Oncogene-induced Expression of Indoleamine 2,3-Dioxygenase 1. <i>Journal of Biological Chemistry</i> , 2017, 292, 1785-1797.	1.6	17
52	The THYCOVIT (Thyroid Surgery during COVID-19 pandemic in Italy) study: results from a nationwide, multicentric, case-controlled study. <i>Updates in Surgery</i> , 2021, 73, 1467-1475.	0.9	17
53	Intra-abdominal drainage after pancreatic resection: Is it really necessary? A meta-analysis of short-term outcomes. <i>International Journal of Surgery</i> , 2014, 12, S40-S47.	1.1	16
54	Surgical approach to mediastinal goiter: An update based on a retrospective cohort study. <i>International Journal of Surgery</i> , 2016, 28, S42-S46.	1.1	16

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55	Long glucocorticoid-induced leucine zipper regulates human thyroid cancer cell proliferation. <i>Cell Death and Disease</i> , 2018, 9, 305.	2.7	16
56	Left colon acute diverticulitis: An update on diagnosis, treatment and prevention. <i>International Journal of Surgery</i> , 2015, 13, 157-164.	1.1	15
57	Timing and extension of lymphadenectomy in medullary thyroid carcinoma: A case series from a single institution. <i>International Journal of Surgery</i> , 2017, 41, S70-S74.	1.1	14
58	The WSES/SICG/ACOI/SICUT/AcEMC/SIFIPAC guidelines for diagnosis and treatment of acute left colonic diverticulitis in the elderly. <i>World Journal of Emergency Surgery</i> , 2022, 17, 5.	2.1	13
59	The role of surgery in the treatment of thyroid anaplastic carcinoma in the elderly. <i>International Journal of Surgery</i> , 2014, 12, S170-S176.	1.1	11
60	Surgery for colorectal cancer in elderly: a comparative analysis of risk factor in elective and urgency surgery. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 65-71.	1.4	11
61	Stage-related outcome for thymic epithelial tumours. <i>BMC Surgery</i> , 2019, 18, 114.	0.6	11
62	Locally advanced thyroid cancer: therapeutic options. <i>Chirurgia Italiana</i> , 2004, 56, 501-8.	0.2	11
63	Surgical management of mediastinal goiter in the elderly. <i>International Journal of Surgery</i> , 2014, 12, S148-S152.	1.1	10
64	Distal pancreatectomy with splenic preservation: A short-term outcome analysis of the Warshaw technique. <i>International Journal of Surgery</i> , 2015, 21, S40-S43.	1.1	10
65	Surgical treatment of secondary hyperparathyroidism in elderly patients: an institutional experience. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 23-28.	1.4	9
66	Percutaneous Ultrasound-Guided Laser Ablation of Benign Thyroid Nodules: Results of 10-Year Follow-Up in 171 Patients. <i>Journal of the Endocrine Society</i> , 2021, 5, bvab081.	0.1	9
67	Is it safe and useful, laparoscopic peritoneal lavage in the treatment of acute diverticulitis of octogenarian patients? A multicenter retrospective observational study. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 83-89.	1.4	8
68	Laparoscopic distal pancreatectomy in elderly patients: is it safe?. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 41-45.	1.4	8
69	Can the measurement of amylase in drain after distal pancreatectomy predict post-operative pancreatic fistula?. <i>International Journal of Surgery</i> , 2015, 21, S30-S33.	1.1	7
70	Postoperative mortality and morbidity in older patients undergoing emergency right hemicolectomy for colon cancer. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 121-126.	1.4	7
71	Effect of Antibiotic Prophylaxis on Surgical Site Infection in Thyroid and Parathyroid Surgery: A Systematic Review and Meta-Analysis. <i>Antibiotics</i> , 2022, 11, 290.	1.5	6
72	Current Indications for Surgical Treatment of Primary Hyperparathyroidism in the Elderly. <i>American Surgeon</i> , 2017, 83, 296-302.	0.4	5

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73	MMP7 Modulation by Short- and Long-term Radiotherapy in Patients with Rectal Cancer. <i>In Vivo</i> , 2018, 32, 133-138.	0.6	5
74	Ultrasound-guided laser ablation of very large benign thyroid nodules: 4-year, retrospective follow-up in 24 patients. <i>International Journal of Hyperthermia</i> , 2022, 39, 217-221.	1.1	5
75	Locally invasive thyroid cancer: options for a treatment. <i>Updates in Surgery</i> , 2017, 69, 249-253.	0.9	4
76	Urgency surgical treatment for duodenal GISTs: analysis of aged patients and review of the literature. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 1-6.	1.4	4
77	Complications of Neck Dissections in Papillary Thyroid Carcinoma: A Modified Procedure to Reduce Parathyroid Morbidity. <i>In Vivo</i> , 2016, 30, 303-8.	0.6	4
78	Retrospective analysis of short term outcomes after spleen-preserving distal pancreatectomy for solid pseudopapillary tumours. <i>International Journal of Surgery</i> , 2015, 21, S26-S29.	1.1	3
79	Follicular proliferation TIR3B: the role of total thyroidectomy vs lobectomy. <i>BMC Surgery</i> , 2019, 18, 22.	0.6	3
80	The Role of IONM in Reducing the Occurrence of Shoulder Syndrome Following Lateral Neck Dissection for Thyroid Cancer. <i>Journal of Clinical Medicine</i> , 2021, 10, 4246.	1.0	3
81	Sigmoid diverticulitis in elderly patients: a rare cause of right iliac fossa pain. <i>Minerva Surgery</i> , 2018, 73, 444-447.	0.1	2
82	Therapeutic options in locally advanced thyroid carcinoma. Our experience. <i>Annali Italiani Di Chirurgia</i> , 2012, 83, 481-5.	0.1	2
83	Pancreatico-jejunal anastomosis with invaginating Jejunum "Loop". Preliminary report of a new technique. <i>International Journal of Surgery</i> , 2014, 12, S87-S90.	1.1	0
84	Modified Paul-Mikulicz jejunostomy in frail geriatric patients undergoing emergency small bowel resection. <i>Minerva Chirurgica</i> , 2019, 74, 121-125.	0.8	0
85	Perforated vs. nonperforated acute appendicitis: evaluation of short-term surgical outcomes in an elderly population. <i>Minerva Chirurgica</i> , 2019, 74, 374-378.	0.8	0
86	Impact of Epithelial-Mesenchymal Immunophenotype on Local Aggressiveness in Papillary Thyroid Carcinoma Invading the Airway. <i>Journal of Clinical Medicine</i> , 2021, 10, 4351.	1.0	0