

# Niccolò Giaj-Levra

## List of Publications by Year in descending order

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81  
papers

1,707  
citations

257450

24  
h-index

345221

36  
g-index

87  
all docs

87  
docs citations

87  
times ranked

2320  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Definition of Synchronous Oligometastatic Non-Small Cell Lung Cancer: A Consensus Report. <i>Journal of Thoracic Oncology</i> , 2019, 14, 2109-2119.  | 1.1  | 189       |
| 2  | Radical radiation therapy for oligometastatic breast cancer: Results of a prospective phase II trial. <i>Radiotherapy and Oncology</i> , 2018, 126, 177-180.  | 0.6  | 116       |
| 3  | 1.5T MR-guided and daily adapted SBRT for prostate cancer: feasibility, preliminary clinical tolerability, quality of life and patient-reported outcomes during treatment. <i>Radiation Oncology</i> , 2020, 15, 69.  | 2.7  | 94        |
| 4  | Dose-volume-related dysphagia after constrictor muscles definition in head and neck cancer intensity-modulated radiation treatment. <i>British Journal of Radiology</i> , 2014, 87, 20140543.   | 2.2  | 63        |
| 5  | Defining Synchronous Oligometastatic Non-Small Cell Lung Cancer: A Systematic Review. <i>Journal of Thoracic Oncology</i> , 2019, 14, 2053-2061.  | 1.1  | 52        |
| 6  | First experience and clinical results using a new non-coplanar mono-isocenter technique (HyperArc <sup>®</sup> ) for Linac-based VMAT radiosurgery in brain metastases. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019, 145, 193-200.                                 | 2.5  | 50        |
| 7  | Radiotherapy in patients with connective tissue diseases. <i>Lancet Oncology</i> , The, 2016, 17, e109-e117.  | 10.7 | 42        |
| 8  | Single fraction urethra-sparing prostate cancer SBRT: Phase I results of the ONE SHOT trial. <i>Radiotherapy and Oncology</i> , 2019, 139, 83-86.   | 0.6  | 40        |
| 9  | Volumetric-modulated arc stereotactic body radiotherapy for prostate cancer: dosimetric impact of an increased near-maximum target dose and of a rectal spacer. <i>British Journal of Radiology</i> , 2015, 88, 20140736.   | 2.2  | 38        |
| 10 | Moderate Hypofractionated Postprostatectomy Volumetric Modulated Arc Therapy With Daily Image Guidance (VMAT-IGRT): A Mono-institutional Report on Feasibility and Acute Toxicity. <i>Clinical Genitourinary Cancer</i> , 2017, 15, e667-e673.  | 1.9  | 35        |
| 11 | Concomitant radiotherapy and TKI in metastatic EGFR- or ALK-mutated non-small cell lung cancer: a multicentric analysis on behalf of AIRO lung cancer study group. <i>Radiologia Medica</i> , 2019, 124, 662-670.   | 7.7  | 33        |
| 12 | Modern radiotherapy in cancer treatment during pregnancy. <i>Critical Reviews in Oncology/Hematology</i> , 2019, 136, 13-19.  | 4.4  | 33        |
| 13 | Weekly Cisplatin and Volumetric-Modulated Arc Therapy With Simultaneous Integrated Boost for Radical Treatment of Advanced Cervical Cancer in Elderly Patients: Feasibility and Clinical Preliminary Results. <i>Technology in Cancer Research and Treatment</i> , 2017, 16, 310-315. | 1.9  | 32        |
| 14 | Daily dosimetric variation between image-guided volumetric modulated arc radiotherapy and MR-guided daily adaptive radiotherapy for prostate cancer stereotactic body radiotherapy. <i>Acta Oncologica</i> , 2021, 60, 215-221.   | 1.8  | 31        |
| 15 | Impact of 18F-Choline PET/CT in the Decision-Making Strategy of Treatment Volumes in Definitive Prostate Cancer Volumetric Modulated Radiation Therapy. <i>Clinical Nuclear Medicine</i> , 2015, 40, e496-e500.   | 1.3  | 30        |
| 16 | Radiation dose intensification in pre-operative chemo-radiotherapy for locally advanced rectal cancer. <i>Clinical and Translational Oncology</i> , 2017, 19, 189-196.  | 2.4  | 30        |
| 17 | Synchronous bilateral breast cancer irradiation: clinical and dosimetric issues using volumetric modulated arc therapy and simultaneous integrated boost. <i>Radiologia Medica</i> , 2017, 122, 464-471.  | 7.7  | 30        |
| 18 | Impact of hydrogel peri-rectal spacer insertion on prostate gland intra-fraction motion during 1.5T MR-guided stereotactic body radiotherapy. <i>Radiation Oncology</i> , 2020, 15, 178.  | 2.7  | 30        |

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|----|---|-----|-----------|
| 19 | Intensity modulated radiation therapy with simultaneous integrated boost in early breast cancer irradiation. Report of feasibility and preliminary toxicity. <i>Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique</i> , 2015, 19, 289-294. | 1.4 | 29        |
| 20 | Rectal spacer hydrogel in 1.5T MR-guided and daily adapted SBRT for prostate cancer: dosimetric analysis and preliminary patient-reported outcomes. <i>British Journal of Radiology</i> , 2021, 94, 20200848.   | 2.2 | 28        |
| 21 | Stereotactic radiosurgery for intracranial metastases: linac-based and gamma-dedicated unit approach. <i>Expert Review of Anticancer Therapy</i> , 2016, 16, 731-740.   | 2.4 | 27        |
| 22 | ONE SHOT - single shot radiotherapy for localized prostate cancer: study protocol of a single arm, multicenter phase I/II trial. <i>Radiation Oncology</i> , 2018, 13, 166.   | 2.7 | 27        |
| 23 | Predictors of mucositis in oropharyngeal and oral cavity cancer in patients treated with volumetric modulated radiation treatment: A dose-volume analysis. <i>Head and Neck</i> , 2016, 38, E815-9.   | 2.0 | 26        |
| 24 | Moderate versus extreme hypofractionated radiotherapy: a toxicity comparative analysis in low- and favorable intermediate-risk prostate cancer patients. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019, 145, 2547-2554.                                    | 2.5 | 26        |
| 25 | Whole brain radiotherapy with hippocampal avoidance and simultaneous integrated boost for brain metastases: a dosimetric volumetric-modulated arc therapy study. <i>Radiologia Medica</i> , 2016, 121, 60-69.   | 7.7 | 25        |
| 26 | Current radiotherapy techniques in NSCLC: challenges and potential solutions. <i>Expert Review of Anticancer Therapy</i> , 2020, 20, 387-402.   | 2.4 | 24        |
| 27 | Repeated stereotactic radiosurgery (SRS) using a non-coplanar mono-isocenter (HyperArc <sup>®</sup> , <sup>©</sup> ) technique versus upfront whole-brain radiotherapy (WBRT): a matched-pair analysis. <i>Clinical and Experimental Metastasis</i> , 2020, 37, 77-83.      | 3.3 | 22        |
| 28 | Disease course of lung oligometastatic colorectal cancer treated with stereotactic body radiotherapy. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 813-820.   | 2.0 | 22        |
| 29 | Three-dimensional conformal versus intensity modulated radiotherapy in breast cancer treatment: is necessary a medical reversal?. <i>Radiologia Medica</i> , 2017, 122, 146-153.  | 7.7 | 19        |
| 30 | Defining oligometastatic non-small cell lung cancer: A simulated multidisciplinary expert opinion. <i>European Journal of Cancer</i> , 2019, 123, 28-35.  | 2.8 | 19        |
| 31 | New metabolic tracers for detectable PSA levels in the post-prostatectomy setting: is the era of melting glaciers upcoming?. <i>Translational Andrology and Urology</i> , 2019, 8, S538-S541.   | 1.4 | 19        |
| 32 | Postoperative Radiotherapy for Patients With Completely Resected Pathologic N2 Non-Small-Cell Lung Cancer: A Retrospective Analysis. <i>Clinical Lung Cancer</i> , 2013, 14, 194-199.   | 2.6 | 18        |
| 33 | Comorbidities and intensity-modulated radiotherapy with simultaneous integrated boost in elderly breast cancer patients. <i>Aging Clinical and Experimental Research</i> , 2018, 30, 533-538.   | 2.9 | 18        |
| 34 | Stereotactic ablative radiation therapy for brain metastases with volumetric modulated arc therapy and flattening filter free delivery: feasibility and early clinical results. <i>Radiologia Medica</i> , 2017, 122, 676-682.  | 7.7 | 17        |
| 35 | Feasibility and preliminary clinical results of linac-based Stereotactic Body Radiotherapy for spinal metastases using a dedicated contouring and planning system. <i>Radiation Oncology</i> , 2019, 14, 184.   | 2.7 | 17        |
| 36 | Stereotactic Ablative Radiation Therapy for Lung Oligometastases: Predictive Parameters of Early Response by 18 FDG-PET/CT. <i>Journal of Thoracic Oncology</i> , 2017, 12, 547-555.  | 1.1 | 16        |

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|----|---|------|-----------|
| 37 | 18F-Fluorodeoxyglucose-PET/CT in locally advanced head and neck cancer can influence the stage migration and nodal radiation treatment volumes. <i>Radiologia Medica</i> , 2017, 122, 952-959.  | 7.7  | 16        |
| 38 | Cone-beam computed tomography in lung stereotactic ablative radiation therapy: predictive parameters of early response. <i>British Journal of Radiology</i> , 2016, 89, 20160146.   | 2.2  | 15        |
| 39 | Stereotactic body radiation therapy and intensity modulated radiation therapy induce different plasmatic cytokine changes in non-small cell lung cancer patients: a pilot study. <i>Clinical and Translational Oncology</i> , 2016, 18, 1003-1010.          | 2.4  | 15        |
| 40 | Radiotherapy in patients with HIV: current issues and review of the literature. <i>Lancet Oncology</i> , The, 2017, 18, e379-e393.  | 10.7 | 15        |
| 41 | Linac-based SBRT as a feasible salvage option for local recurrences in previously irradiated prostate cancer. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 628-636.   | 2.0  | 15        |
| 42 | Personalized "Not Omitted" Radiation Oncology for Breast Cancer. <i>Journal of Clinical Oncology</i> , 2015, 33, 4313-4314.   | 1.6  | 14        |
| 43 | Stereotactic body radiotherapy of central lung malignancies using a simultaneous integrated protection approach. <i>Strahlentherapie Und Onkologie</i> , 2019, 195, 719-724.  | 2.0  | 14        |
| 44 | Radiotherapy and Tyrosine Kinase Inhibitors in Stage IV Non-small Cell Lung Cancer: Real-life Experience. <i>In Vivo</i> , 2018, 32, 159-164.   | 1.3  | 14        |
| 45 | The impact of prostate gland dimension in genitourinary toxicity after definitive prostate cancer treatment with moderate hypofractionation and volumetric modulated arc radiation therapy. <i>Clinical and Translational Oncology</i> , 2016, 18, 317-321. | 2.4  | 13        |
| 46 | Stage-I small cell lung cancer: A new potential option for stereotactic ablative radiation therapy? A review of literature. <i>Critical Reviews in Oncology/Hematology</i> , 2017, 112, 67-71.  | 4.4  | 11        |
| 47 | Prostate re-irradiation: current concerns and future perspectives. <i>Expert Review of Anticancer Therapy</i> , 2020, 20, 947-956.  | 2.4  | 11        |
| 48 | Fentanyl pectin nasal spray for painful mucositis in head and neck cancers during intensity-modulated radiation therapy with or without chemotherapy. <i>Clinical and Translational Oncology</i> , 2017, 19, 593-598.                                       | 2.4  | 10        |
| 49 | Is multidisciplinary management possible in the treatment of lung cancer? A report from three Italian meetings. <i>Radiologia Medica</i> , 2020, 125, 214-219.  | 7.7  | 10        |
| 50 | Health Literacy and Discharge Instruction Adherence. <i>Journal of General Internal Medicine</i> , 2012, 27, 273-273.   | 2.6  | 9         |
| 51 | May non-metastatic clinically localized castration-resistant prostate cancer after primary androgen ablation benefit from salvage prostate radiotherapy?. <i>Journal of Cancer Research and Clinical Oncology</i> , 2013, 139, 1955-1960.                   | 2.5  | 9         |
| 52 | Letter. <i>Neurosurgery</i> , 2015, 77, E310.   | 1.1  | 9         |
| 53 | Regarding Ening et al. Charlson comorbidity index: an additional prognostic parameter for preoperative glioblastoma patient stratification. <i>Journal of Cancer Research and Clinical Oncology</i> , 2015, 141, 1139-1140.                                 | 2.5  | 9         |
| 54 | Dosimetrics of intracranial stereotactic radiosurgery. <i>Strahlentherapie Und Onkologie</i> , 2015, 191, 810-811.  | 2.0  | 9         |

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|----|--|-----|-----------|
| 55 | What is changing in radiotherapy for the treatment of locally advanced nonsmall cell lung cancer patients? A review. <i>Cancer Investigation</i> , 2016, 34, 80-93.  | 1.3 | 9         |
| 56 | Biochemical and clinical outcomes after high-dose salvage radiotherapy as monotherapy for prostate cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2014, 140, 1111-1116.   | 2.5 | 8         |
| 57 | Low-Dose Bath with Volumetric Modulated arc Therapy in Breast Cancer: “Much ado about Nothing”? <i>Tumori</i> , 2016, 102, 335-336.  | 1.1 | 8         |
| 58 | Hippocampal dose during Linac-based stereotactic radiotherapy for brain metastases: An observational study. <i>Physica Medica</i> , 2018, 49, 135-138.   | 0.7 | 8         |
| 59 | Hypofractionated radiation therapy in the management of locally advanced NSCLC: a narrative review of the literature on behalf of the Italian Association of Radiation Oncology (AIRO) “Lung Working Group. <i>Radiologia Medica</i> , 2019, 124, 136-144. | 7.7 | 8         |
| 60 | Post-HIFU locally relapsed prostate cancer: high-dose salvage radiotherapy guided by molecular imaging. <i>Radiologia Medica</i> , 2020, 125, 491-499.   | 7.7 | 8         |
| 61 | Efficacy and Safety of Stereotactic Ablative Radiotherapy in Patients with Previous Pneumonectomy. <i>Tumori</i> , 2015, 101, 148-153.   | 1.1 | 7         |
| 62 | Increased efficacy of stereotactic ablative radiation therapy after bevacizumab in lung oligometastases from colon cancer. <i>Tumori</i> , 2018, 104, 423-428.   | 1.1 | 7         |
| 63 | Cachexia induces head and neck changes in locally advanced oropharyngeal carcinoma during definitive cisplatin and image-guided volumetric-modulated arc radiation therapy. <i>European Journal of Clinical Nutrition</i> , 2016, 70, 738-742.             | 2.9 | 6         |
| 64 | Reduction of inter-observer differences in the delineation of the target in spinal metastases SBRT using an automatic contouring dedicated system. <i>Radiation Oncology</i> , 2021, 16, 197.  | 2.7 | 6         |
| 65 | Radiation Dose-Response Relationship for Risk of Coronary Heart Disease in Survivors of Hodgkin Lymphoma. <i>Journal of Clinical Oncology</i> , 2016, 34, 2940-2941.   | 1.6 | 5         |
| 66 | Management of locally advanced non-small cell lung cancer in the modern era: A national Italian survey on diagnosis, treatment and multidisciplinary approach. <i>PLoS ONE</i> , 2019, 14, e0224027.   | 2.5 | 5         |
| 67 | Oligometastatic non-small cell lung cancer (NSCLC): Does number of metastasis matter?. <i>Lung Cancer</i> , 2020, 139, 216-218.  | 2.0 | 5         |
| 68 | Intra-fraction and Inter-fraction analysis of a dedicated immobilization device for intracranial radiation treatment. <i>Radiation Oncology</i> , 2020, 15, 200.   | 2.7 | 5         |
| 69 | Repeated stereotactic radiosurgery for the treatment of relapsed brain metastases: is it time to give up whole-brain radiotherapy?. <i>Oncoscience</i> , 2020, 7, 19-20.   | 2.2 | 5         |
| 70 | Role of consolidative stereotactic ablative radiotherapy in patients with oligometastatic non-small cell lung cancer. <i>Journal of Thoracic Disease</i> , 2017, 9, 2235-2237.   | 1.4 | 4         |
| 71 | Radiation therapy in small cell lung cancer: a national Italian survey. <i>Radiologia Medica</i> , 2018, 123, 554-560.   | 7.7 | 3         |
| 72 | Postoperative moderately hypofractionated radiotherapy in prostate cancer: a mono-institutional propensity-score-matching analysis between adjuvant and early-salvage radiotherapy. <i>Radiologia Medica</i> , 2022, , 1.                                  | 7.7 | 3         |

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|----|---|-----|-----------|
| 73 | In Regard to Boero etÂal. International Journal of Radiation Oncology Biology Physics, 2016, 95, 855-856.   | 0.8 | 2         |
| 74 | A Plethora of Therapeutic Opportunities for Elderly Patients With Cancer: A Nontrivial Choice. Journal of Clinical Oncology, 2016, 34, 1963-1964.                       | 1.6 | 2         |
| 75 | Surprising Complete Response of Intramedullary Spinal Cord Metastasis from Breast Cancer: A Case Report and Literature Review. Tumori, 2017, 103, S28-S30.              | 1.1 | 2         |
| 76 | In Regard to Arvold etÂal. International Journal of Radiation Oncology Biology Physics, 2015, 93, 217-218.  | 0.8 | 1         |
| 77 | Risk Stratification System and Pattern of Relapse in Patients Treated with Adjuvant Radiotherapy after Radical Prostatectomy. Tumori, 2016, 102, 323-329.               | 1.1 | 1         |
| 78 | In Regard to Chung etÂal. International Journal of Radiation Oncology Biology Physics, 2015, 93, 941-942.   | 0.8 | 0         |
| 79 | In reply to Borrás et al. The strengthening of Radiation Oncologist role inside multidisciplinary arena within 2025. Radiotherapy and Oncology, 2016, 119, 369.         | 0.6 | 0         |
| 80 | In Regard to Pan etÂal. International Journal of Radiation Oncology Biology Physics, 2016, 95, 1320-1321.   | 0.8 | 0         |
| 81 | From chemotherapy to target therapies associated with radiation in the treatment of NSCLC: a durable marriage?. Expert Review of Anticancer Therapy, 2017, 17, 157-165. | 2.4 | 0         |