

# Piero Picozzi

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

2,215  
citations

257101

24  
h-index

214527

47  
g-index

54  
all docs

54  
docs citations

54  
times ranked

2677  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | High-dose cytarabine plus high-dose methotrexate versus high-dose methotrexate alone in patients with primary CNS lymphoma: a randomised phase 2 trial. <i>Lancet, The</i> , 2009, 374, 1512-1520.   | 6.3 | 588       |
| 2  | Gamma Knife radiosurgery for vestibular schwannoma: clinical results at long-term follow-up in a series of 379 patients. <i>Journal of Neurosurgery</i> , 2014, 121, 123-142.  | 0.9 | 165       |
| 3  | The Role of Stereotactic Radiotherapy in Patients with Growth Hormone-Secreting Pituitary Adenoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 2546-2552.  | 1.8 | 125       |
| 4  | Gamma knife surgery for treatment of residual nonfunctioning pituitary adenomas after surgical debulking. <i>Journal of Neurosurgery</i> , 2004, 100, 438-444.   | 0.9 | 123       |
| 5  | Reperfusion after cerebral ischemia: influence of duration of ischemia.. <i>Stroke</i> , 1986, 17, 460-466.  | 1.0 | 93        |
| 6  | Gamma knife radiosurgery for uveal melanoma: 12 years of experience. <i>British Journal of Ophthalmology</i> , 2009, 93, 40-44.  | 2.1 | 90        |
| 7  | Duration of ischemia influences the development and resolution of ischemic brain edema.. <i>Stroke</i> , 1986, 17, 466-471.  | 1.0 | 89        |
| 8  | MR Imaging of Neoplastic Central Nervous System Lesions: Review and Recommendations for Current Practice. <i>American Journal of Neuroradiology</i> , 2012, 33, 803-817.   | 1.2 | 87        |
| 9  | Simplified, Noninvasive PET Measurement of Blood-Brain Barrier Permeability. <i>Journal of Computer Assisted Tomography</i> , 1987, 11, 390-397.   | 0.5 | 70        |
| 10 | C-11 Choline Versus F-18 Fluorodeoxyglucose for Imaging Meningiomas. <i>Clinical Nuclear Medicine</i> , 2009, 34, 7-10.  | 0.7 | 53        |
| 11 | Detection of cerebral metastases on magnetic resonance imaging: intraindividual comparison of gadobutrol with gadopentetate dimeglumine. <i>Acta Radiologica</i> , 2009, 50, 933-940.  | 0.5 | 47        |
| 12 | Dosimetric factors associated with pituitary function after Gamma Knife Surgery (GKS) of pituitary adenomas. <i>Radiotherapy and Oncology</i> , 2012, 104, 119-124.  | 0.3 | 43        |
| 13 | What is dorso-lateral in the subthalamic Nucleus (STN)?â€”a topographic and anatomical consideration on the ambiguous description of todayâ€™s primary target for deep brain stimulation (DBS) surgery. <i>Acta Neurochirurgica</i> , 2008, 150, 1163-1165.  | 0.9 | 41        |
| 14 | Evaluation of intraaxial enhancing brain tumors on magnetic resonance imaging: intraindividual crossover comparison of gadobenate dimeglumine and gadopentetate dimeglumine for visualization and assessment, and implications for surgical intervention. <i>Journal of Neurosurgery</i> , 2007, 106, 557-566. | 0.9 | 40        |
| 15 | Radiosurgery and the prevention of regrowth of incompletely removed nonfunctioning pituitary adenomas. <i>Journal of Neurosurgery</i> , 2005, 102, 71-74.  | 0.9 | 39        |
| 16 | Regional Blood-Brain Barrier Permeability Changes after Restoration of Blood Flow in Postischemic Gerbil Brains: A Quantitative Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1985, 5, 10-16.  | 2.4 | 38        |
| 17 | Quantitative Measurement of Cerebral Blood Flow and Cerebral Blood Volume after Cerebral Ischaemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1986, 6, 338-341.   | 2.4 | 38        |
| 18 | Results of Gamma Knife Radiosurgery in Acromegaly. <i>International Journal of Endocrinology</i> , 2012, 2012, 1-6.  | 0.6 | 38        |

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|----|--|-----|-----------|
| 19 | Pituitary Radiotherapy for Cushing's Disease. <i>Neuroendocrinology</i> , 2010, 92, 107-110.   | 1.2 | 34        |
| 20 | Stereotactic drainage and Gamma Knife radiosurgery of cystic brain metastasis. <i>Journal of Neurosurgery</i> , 2008, 109, 259-267.  | 0.9 | 32        |
| 21 | Evaluation of hearing function after Gamma Knife surgery of vestibular schwannomas. <i>Neurosurgical Focus</i> , 2009, 27, E3.   | 1.0 | 29        |
| 22 | Optimizing Contrast-Enhanced Magnetic Resonance Imaging Characterization of Brain Metastases. <i>Neurosurgery</i> , 2013, 72, 691-701.   | 0.6 | 26        |
| 23 | Evaluation of a synthetic single-crystal diamond detector for relative dosimetry on the Leksell Gamma Knife Perfexion radiosurgery system. <i>Medical Physics</i> , 2015, 42, 5035-5041.   | 1.6 | 25        |
| 24 | Paramedian hourglass epidermoid extending above and below the tentorium. <i>World Neurosurgery</i> , 1982, 18, 356-363.  | 1.3 | 24        |
| 25 | Choroid plexus papilloma of the third ventricle. <i>World Neurosurgery</i> , 1981, 16, 69-71.  | 1.3 | 21        |
| 26 | Radiation necrosis in renal cell carcinoma brain metastases treated with checkpoint inhibitors and radiosurgery: An international multicenter study. <i>Cancer</i> , 2022, 128, 1429-1438.   | 2.0 | 21        |
| 27 | Radiosurgery and the prevention of regrowth of incompletely removed nonfunctioning pituitary adenomas. <i>Journal of Neurosurgery</i> , 2005, 102, 71-74.  | 0.9 | 20        |
| 28 | Gamma Knife Radiosurgery for Treatment of Cerebral Metastases From Non-Small-Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, e463-e468.   | 0.4 | 20        |
| 29 | Predictors of radio-induced visual impairment after radiosurgery for uveal melanoma. <i>British Journal of Ophthalmology</i> , 2018, 102, 833-839.   | 2.1 | 18        |
| 30 | Evaluation of prognostic factors as predictor of AVMS obliteration after Gamma Knife radiosurgery. <i>Acta Neurochirurgica</i> , 2013, 155, 619-626.   | 0.9 | 15        |
| 31 | The role of cerebral blood volume changes in brain specific-gravity measurements. <i>Journal of Neurosurgery</i> , 1985, 62, 704-710.  | 0.9 | 14        |
| 32 | Medial thalamotomy using stereotactic radiosurgery for intractable pain: a systematic review. <i>Neurosurgical Review</i> , 2022, 45, 71-80.   | 1.2 | 12        |
| 33 | Stereotactic Radiosurgery for Peri-optic Meningiomas: An International, Multicenter Study. <i>Neurosurgery</i> , 2021, 88, 828-837.  | 0.6 | 11        |
| 34 | Gamma Knife central lateral thalamotomy for the treatment of neuropathic pain. <i>Journal of Neurosurgery</i> , 2020, 135, 228-236.  | 0.9 | 10        |
| 35 | Dose to neuroanatomical structures surrounding pituitary adenomas and the effect of stereotactic radiosurgery on neuroendocrine function: an international multicenter study. <i>Journal of Neurosurgery</i> , 2022, 136, 813-821. | 0.9 | 9         |
| 36 | A Simplified Method to Integrate Metabolic Images in Stereotactic Procedures Using a PET/CT Scanner. <i>Stereotactic and Functional Neurosurgery</i> , 2005, 83, 208-212.  | 0.8 | 6         |

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|----|--|-----|-----------|
| 37 | Evaluation of Different Score Index for Predicting Prognosis in Gamma Knife Radiosurgical Treatment for Brain Metastasis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 74, 707-713.  | 0.4 | 6         |
| 38 | Preliminary results of contrast-enhanced sonography in the evaluation of the response of uveal melanoma to gamma-knife radiosurgery. <i>Journal of Clinical Ultrasound</i> , 2015, 43, 421-430.  | 0.4 | 6         |
| 39 | Multimodal Management of Metastatic Malignant Meningiomas: The Role of Radiosurgery in Long-Term Local Control. <i>World Neurosurgery</i> , 2019, 128, 562-572.  | 0.7 | 6         |
| 40 | Gamma Knife radiosurgery for the treatment of Nelson's syndrome: a multicenter, international study. <i>Journal of Neurosurgery</i> , 2020, 133, 336-341.  | 0.9 | 6         |
| 41 | Elastic tissue dysplasia of coiled internal carotid artery in an adult. <i>Journal of Neurosurgery</i> , 1983, 58, 781-785.  | 0.9 | 5         |
| 42 | Gamma Knife Radiosurgery for Short Unilateral Neuralgiform Headache Attacks with Conjunctival Injection and Tearing (SUNCT) Syndrome: Targeting the Trigeminal Nerve and the Sphenopalatine Ganglion. Case Report and Literature Review. <i>World Neurosurgery</i> , 2020, 133, 167-171. | 0.7 | 5         |
| 43 | Clinical and radiologic outcomes after stereotactic radiosurgery for meningiomas in direct contact with the optic apparatus: an international multicenter study. <i>Journal of Neurosurgery</i> , 2022, 136, 1070-1076.  | 0.9 | 5         |
| 44 | Improving lesion detection and visualization: implications for neurosurgical planning and follow-up. <i>Neuroradiology</i> , 2007, 49, S27-S34.  | 1.1 | 4         |
| 45 | Gamma Knife Radiosurgery for the Treatment of Trigeminal Neuralgia in Patients with Multiple Sclerosis: A Single-Center Retrospective Study and Literature Review. <i>World Neurosurgery</i> , 2021, 149, e92-e100.  | 0.7 | 4         |
| 46 | Stereotactic Radiosurgery for Olfactory Groove Meningiomas: An International, Multicenter Study. <i>Neurosurgery</i> , 2021, 89, 784-791.  | 0.6 | 4         |
| 47 | Inverted positioning of Leksell Frame G for very low posterior fossa and brain stem lesions biopsies. <i>Journal of Neurosurgical Sciences</i> , 2019, 63, 194-199.  | 0.3 | 4         |
| 48 | Gamma Knife radiosurgery for the treatment of cluster headache: a systematic review. <i>Neurosurgical Review</i> , 2022, 45, 1923-1931.  | 1.2 | 3         |
| 49 | How to Assess Active Contact Coordinates in Deep Brain Stimulation Surgery? Comparison of Three Methods for Determining the Position of the Active Contact. <i>Stereotactic and Functional Neurosurgery</i> , 2010, 88, 67-74.   | 0.8 | 1         |
| 50 | Gamma Knife radiosurgery for the treatment of a mature teratoma of the pineal region. <i>Child's Nervous System</i> , 2021, 37, 2427-2429.   | 0.6 | 1         |
| 51 | Stereotactic radiosurgery for clinoid meningiomas: a multi-institutional study. <i>Acta Neurochirurgica</i> , 2021, 163, 2861-2869.  | 0.9 | 1         |
| 52 | Transport of $\pm$ -aminoisobutyric acid across the blood-brain barrier after different durations of ischaemia. <i>Biochemical Society Transactions</i> , 1985, 13, 904-905.   | 1.6 | 0         |
| 53 | Performing Gamma Knife radiosurgery safely during the COVID-19 pandemic: preliminary results from a single center in the Lombardy region in Italy. <i>Acta Neurochirurgica</i> , 2020, 162, 1505-1506.   | 0.9 | 0         |
| 54 | In-vitro fertilization and hormone-dependent brain tumors: could the new era of in-vitro fertilization and social freezing change our incidentally discovered brain tumor management?. <i>Journal of Neurosurgical Sciences</i> , 2020, 64, 213-214.                                     | 0.3 | 0         |