# Yong Yao

List of Publications by Year
in descending order



| 93 | 1,256 | 361413 | 454955 |
|---|---|---|---|
| papers | citations | 20 h-index | 30 g-index |

| 103 | 103 | 103 | 1555 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Extended transsphenoidal approach for pituitary adenomas invading the anterior cranial base, cavernous sinus, and clivus: a single-center experience with 126 consecutive cases. Journal of Neurosurgery, 2010, 112, 108-117. | 1.6 | 84 |
| 2 | Fish intake and the risk of brain tumor: a meta-analysis with systematic review. Nutrition Journal, 2017, 16, 1. | 3.4 | 81 |
| 3 | Pituitary abscess: clinical manifestations, diagnosis and treatment of 66 cases from a large pituitary center over 23Âyears. Pituitary, 2017, 20, 189-194. | 2.9 | 53 |
| 4 | Primary lymphocytic hypophysitis: Clinical characteristics and treatment of 50 cases in a single centre in China over 18Âyears. Clinical Endocrinology, 2017, 87, 177-184. | 2.4 | 47 |
| 5 | Central Nervous System Germ Cell Tumors: A Review of the Literature. Journal of Child Neurology, 2018, 33, 610-620. | 1.4 | 46 |
| 6 | Prediction of Recurrence after Transsphenoidal Surgery for Cushingâ€™s Disease: The Use of Machine Learning Algorithms. Neuroendocrinology, 2019, 108, 201-210. | 2.5 | 44 |
| 7 | The production of digital and printed resources from multiple modalities using visualization and three-dimensional printing techniques. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 13-23. | 2.8 | 38 |
| 8 | Diagnosis and Outcomes of 341 Patients with Cushing's Disease Following Transsphenoid Surgery: A Single-Center Experience. World Neurosurgery, 2018, 109, e75-e80. | 1.3 | 38 |
| 9 | Refractory pituitary adenoma: a novel classification for pituitary tumors. Oncotarget, 2016, 7, 83657-83668. | 1.8 | 32 |
| 10 | Pituitary abscess following transsphenoidal surgery: The experience of 12 cases from a single institution. Clinical Neurology and Neurosurgery, 2014, 124, 66-71. | 1.4 | 31 |
| 11 | Extended transsphenoidal approach for pituitary adenomas invading the cavernous sinus using multiple complementary techniques. Pituitary, 2016, 19, 1-10. | 2.9 | 31 |
| 12 | Cardiovascular System Changes and Related Risk Factors in Acromegaly Patients: A Case-Control Study. International Journal of Endocrinology, 2015, 2015, 1-7. | 1.5 | 30 |
| 13 | Tumour lateralization in Cushing's disease by inferior petrosal sinus sampling with desmopressin. Clinical Endocrinology, 2018, 88, 251-257. | 2.4 | 30 |
| 14 | Combination Treatment with Bromocriptine and Metformin in Patients with Bromocriptine-Resistant Prolactinomas: Pilot Study. World Neurosurgery, 2018, 115, 94-98. | 1.3 | 29 |
| 15 | Etiological Spectrum and Pattern of Change in Pituitary Stalk Thickening: Experience in 321 Patients. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 3419-3427. | 3.6 | 28 |
| 16 | An update on the clinical diagnostic value of Î²-hCG and Î±FP for intracranial germ cell tumors. European Journal of Medical Research, 2016, 21, 10. | 2.2 | 24 |
| 17 | Correlations of Pituitary Tumor Transforming Gene Expression with Human Pituitary Adenomas: A Meta-Analysis. PLoS ONE, 2014, 9, e90396. | 2.5 | 23 |
| 18 | Metformin inhibits growth and prolactin secretion of pituitary prolactinoma cells and xenografts. Journal of Cellular and Molecular Medicine, 2018, 22, 6368-6379. | 3.6 | 23 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Intraoperative magnetic resonance imaging assessment of non-functioning pituitary adenomas during transsphenoidal surgery. Pituitary, 2016, 19, 222-231. | 2.9 | 22 |
| 20 | Development of Machine Learning Models for Predicting Postoperative Delayed Remission in Patients With Cushingâ€™s Disease. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e217-e231. | 3.6 | 22 |
| 21 | Deep-Learning Approach to Automatic Identification of Facial Anomalies in Endocrine Disorders. Neuroendocrinology, 2020, 110, 328-337. | 2.5 | 21 |
| 22 | Risk Factors and Microbiology of Meningitis and/or Bacteremia After Transsphenoidal Surgery for Pituitary Adenoma. World Neurosurgery, 2018, 110, e851-e863. | 1.3 | 20 |
| 23 | Expression of Matrix Metalloproteinase-9, Pituitary Tumor Transforming Gene, High Mobility Group A 2, and Ki-67 in Adrenocorticotropic Hormoneâ€“Secreting Pituitary Tumors and Their Association with Tumor Recurrence. World Neurosurgery, 2018, 113, e213-e221. | 1.3 | 20 |
| 24 | Clinical Characteristics and Postoperative Recovery of Hypopituitarism in Patients with Nonfunctional Pituitary Adenoma. World Neurosurgery, 2019, 126, e1183-e1189. | 1.3 | 17 |
| 25 | Targeted next-generation sequencing of dedifferentiated chondrosarcoma in the skull base reveals combined TP53 and PTEN mutations with increased proliferation index, an implication for pathogenesis. Oncotarget, 2016, 7, 43557-43569. | 1.8 | 16 |
| 26 | Granular Cell Tumor of the Neurohypophysis: 3 Cases and a Systematic Literature Review of 98 Cases. World Neurosurgery, 2018, 118, e621-e630. | 1.3 | 16 |
| 27 | Development and Interpretation of Multiple Machine Learning Models for Predicting Postoperative Delayed Remission of Acromegaly Patients During Long-Term Follow-Up. Frontiers in Endocrinology, 2020, 11, 643. | 3.5 | 15 |
| 28 | Ectopic pituitary adenomas: clinical features, diagnostic challenges and management. Pituitary, 2020, 23, 648-664. | 2.9 | 15 |
| 29 | Body mass index and insulin-like growth factor 1 as risk factors for discordant growth hormone and insulin-like growth factor 1Âlevels following pituitary surgery in acromegaly. Journal of the Formosan Medical Association, 2018, 117, 34-41. | 1.7 | 14 |
| 30 | Expression of EGFR in Pituitary Corticotroph Adenomas and Its Relationship With Tumor Behavior. Frontiers in Endocrinology, 2019, 10, 785. | 3.5 | 14 |
| 31 | How to Classify and Define Pituitary Tumors: Recent Advances and Current Controversies. Frontiers in Endocrinology, 2021, 12, 604644. | 3.5 | 14 |
| 32 | Effect of 3 NR3C1 Mutations in the Pathogenesis of Pituitary ACTH Adenoma. Endocrinology, 2021, 162, . | 2.8 | 14 |
| 33 | O-6-Methylguanine-DNA methyltransferase expression is associated with pituitary adenoma tumor recurrence: a systematic meta-analysis. Oncotarget, 2017, 8, 19674-19683. | 1.8 | 14 |
| 34 | Clinical Features and Treatment of Secondary Pituitary Abscess After Transsphenoidal Surgery: A Retrospective Study of 23 Cases. World Neurosurgery, 2018, 113, e138-e145. | 1.3 | 13 |
| 35 | Delays in Diagnosis of Pediatric Histologically Confirmed Sellar Germ Cell Tumors in China: A Retrospective Risk Factor Analysis. World Neurosurgery, 2019, 122, e472-e479. | 1.3 | 13 |
| 36 | Clinical profiles of silent corticotroph adenomas compared with silent gonadotroph adenomas after adopting the 2017 WHO pituitary classification system. Pituitary, 2021, 24, 564-573. | 2.9 | 13 |

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|---|---|---|---|
| 37 | Evaluation of left ventricular volumes and ejection fraction by 99mTc-MIBI gated SPECT and 18F-FDG gated PET in patients with prior myocardial infarction. Journal of Nuclear Cardiology, 2021, 28, 560-574. | 2.1 | 11 |
| 38 | Case Report and Literature Review: Ectopic Thyrotropin-Secreting Pituitary Adenoma in the Suprasellar Region. Frontiers in Endocrinology, 2021, 12, 619161. | 3.5 | 11 |
| 39 | Hypophyseal Involvement in Immunoglobulin G4-Related Disease: A Retrospective Study from a Single Tertiary Center. International Journal of Endocrinology, 2018, 2018, 1-9. | 1.5 | 10 |
| 40 | The manufacturing procedure of 3D printed models for endoscopic endonasal transsphenoidal pituitary surgery. Technology and Health Care, 2020, 28, 131-150. | 1.2 | 10 |
| 41 | Case Report: Rosai-Dorfman Disease Involving Sellar Region in a Pediatric Patient: A Case Report and Systematic Review of Literature. Frontiers in Medicine, 2020, 7, 613756. | 2.6 | 9 |
| 42 | Primary Pituitary Lymphoma in Immunocompetent Patients: A Report on Two Case Studies and the Review of Literature. Frontiers in Endocrinology, 2020, 11, 562850. | 3.5 | 9 |
| 43 | Determinants of immediate and long-term remission after initial transsphenoidal surgery for acromegaly and outcome patterns during follow-up: a longitudinal study on 659 patients. Journal of Neurosurgery, 2022, 137, 618-628. | 1.6 | 9 |
| 44 | Invasive ACTH-secreting pituitary macroadenoma in remission after transsphenoidal resection. Medicine (United States), 2018, 97, e13148. | 1.0 | 8 |
| 45 | Predictors of Immediate Remission after Surgery in Cushingâ€™s Disease Patients: A Large Retrospective Study from a Single Center. Neuroendocrinology, 2021, 111, 1141-1150. | 2.5 | 8 |
| 46 | Surgical outcome of transsphenoidal surgery in Cushingâ€™s disease: a case series of 1106 patients from a single center over 30 years. Endocrine, 2022, 75, 219-227. | 2.3 | 8 |
| 47 | Clinical Characteristics and Management of Patients With McCune-Albright Syndrome With GH Excess and Precocious Puberty: A Case Series and Literature Review. Frontiers in Endocrinology, 2021, 12, 672394. | 3.5 | 8 |
| 48 | Cosecreting TSH/GH pituitary adenomasâ€”an 8-year experience in a single tertiary center. Pituitary, 2020, 23, 573-581. | 2.9 | 7 |
| 49 | Anatomical Analysis on the Lateral Bone Window of the Sella Turcica: A Study on 530 Adult Dry Skull Base Specimens. International Journal of Medical Sciences, 2014, 11, 134-141. | 2.5 | 6 |
| 50 | The Clinical Utility of TIMP3 Expression in ACTH-Secreting Pituitary Tumor. Journal of Molecular Neuroscience, 2016, 58, 137-144. | 2.3 | 6 |
| 51 | Long-term follow-up for ectopic ACTH-secreting pituitary adenoma in a single tertiary medical center and a literature review. Pituitary, 2020, 23, 149-159. | 2.9 | 6 |
| 52 | Serum Levels of Asprosin, a Novel Adipokine, Are Significantly Lowered in Patients with Acromegaly. International Journal of Endocrinology, 2020, 2020, 1-10. | 1.5 | 6 |
| 53 | Suprasellar pituitary adenomas: a 10-year experience in a single tertiary medical center and a literature review. Pituitary, 2020, 23, 367-380. | 2.9 | 6 |
| 54 | Sleep quality in acromegaly and changes after transsphenoidal surgery: a prospective longitudinal study. Sleep Medicine, 2020, 67, 164-170. | 1.6 | 6 |

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|---|---|---|---|
| 55 | Successful pregnancy after operation in an infertile woman caused by luteinizing hormone-secreting pituitary adenoma: case report and literature review. BMC Endocrine Disorders, 2021, 21, 15. | 2.2 | 6 |
| 56 | Lipid Abnormalities in Patients With Cushingâ€™s Disease and Its Relationship With Impaired Glucose Metabolism. Frontiers in Endocrinology, 2020, 11, 600323. | 3.5 | 6 |
| 57 | Clinical, Laboratory, and Treatment Profiles of Silent Corticotroph Adenomas That Have Transformed to the Functional Type: A Case Series With a Literature Review. Frontiers in Endocrinology, 2020, 11, 558593. | 3.5 | 6 |
| 58 | Functioning gonadotroph adenomas in premenopausal women: clinical and molecular characterization and review of the literature. Pituitary, 2022, 25, 454-467. | 2.9 | 6 |
| 59 | Phenotype-Genotype Association Analysis of ACTH-Secreting Pituitary Adenoma and Its Molecular Link to Patient Osteoporosis. International Journal of Molecular Sciences, 2016, 17, 1654. | 4.1 | 5 |
| 60 | Cushing Syndrome Caused by Ectopic Adrenocorticotropic Hormoneâ€“Secreting Pituitary Adenomas: Case Report and Literature Review. World Neurosurgery, 2020, 142, 75-86. | 1.3 | 5 |
| 61 | The Availability of the Î±7-Nicotinic Acetylcholine Receptor in Early Identification of Vulnerable Atherosclerotic Plaques: A Study Using a Novel 18F-Label Radioligand PET. Frontiers in Bioengineering and Biotechnology, 2021, 9, 640037. | 4.1 | 5 |
| 62 | Outcomes of Transsphenoidal Surgery in Cushing Disease Patients with Negative Pituitary Magnetic Resonance Imaging Findings: A Single-Center Experience. Endocrine Practice, 2020, 26, 1320-1330. | 2.1 | 5 |
| 63 | Hyperprolactinemia and Hypopituitarism in Acromegaly and Effect of Pituitary Surgery: Long-Term Follow-up on 529 Patients. Frontiers in Endocrinology, 2021, 12, 807054. | 3.5 | 5 |
| 64 | Results of Biopsy-Proven Sellar Germ Cell Tumors: Nine Years' Experience in a Single Center. World Neurosurgery, 2018, 112, e229-e239. | 1.3 | 4 |
| 65 | Secondary pituitary abscess following transsphenoidal surgery with recurrent meningitis. Medicine (United States), 2018, 97, e13458. | 1.0 | 4 |
| 66 | A Chinese Case of X-Linked Acrogigantism and Systematic Review. Neuroendocrinology, 2021, 111, 1164-1175. | 2.5 | 4 |
| 67 | Case Report: Identification of Potential Prognosis-Related TP53 Mutation and BCL6-LPP Fusion in Primary Pituitary Lymphoma by Next Generation Sequencing: Two Cases. Frontiers in Endocrinology, 2021, 12, 673908. | 3.5 | 4 |
| 68 | Xanthomatous Hypophysitis: A Case Report and Comprehensive Literature Review. Frontiers in Endocrinology, 2021, 12, 735655. | 3.5 | 4 |
| 69 | Correlation analysis between short-term insulin-like growth factor-I and glucose intolerance status after transsphenoidal adenomectomy in acromegalic patients: a large retrospective study from a single center in China. Archives of Endocrinology and Metabolism, 2019, 63, 157-166. | 0.6 | 3 |
| 70 | Clinical and pathological features of 124 patients with indistinguishable sellar lesions and central diabetes insipidus. Journal of Clinical Neuroscience, 2020, 80, 215-222. | 1.5 | 3 |
| 71 | Internal carotid artery injury in the endoscopic transsphenoidal surgery for pituitary adenoma: an uncommon case and literature review. Gland Surgery, 2020, 9, 1036-1041. | 1.1 | 3 |
| 72 | Clinical Characteristics for the Improvement of Cushing's Syndrome Complicated With Cardiomyopathy After Treatment With a Literature Review. Frontiers in Cardiovascular Medicine, 2021, 8, 777964. | 2.4 | 3 |

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|---|---|---|---|
| 73 | Diagnosis of invasive non-functional pituitary adenomas using exosomal biomarkers. Clinica Chimica Acta, 2022, 529, 25-33. | 1.1 | 3 |
| 74 | Symptomatic Rathke's Cleft Cyst with Rapid Enlargement Masquerading as Rathke's Cleft Cyst Apoplexy. Chinese Medical Journal, 2016, 129, 2009-2010. | 2.3 | 2 |
| 75 | Somatotrophic Adenoma in Children Younger than 14 Years: Clinical Features and Treatment of 22 Cases at a Large Pituitary Center. World Neurosurgery, 2018, 112, e561-e568. | 1.3 | 2 |
| 76 | Diabetes insipidus with impaired vision caused by germinoma and perioptic meningeal seeding: A case report. World Journal of Clinical Cases, 2021, 9, 1976-1982. | 0.8 | 2 |
| 77 | Recovery of hypothalamusâ€“pituitaryâ€“gonadal dysfunction after the treatment of suprasellar germ cell tumors. European Journal of Endocrinology, 2021, 184, 617-625. | 3.7 | 2 |
| 78 | Xanthogranuloma of the Sellar Region. Chinese Medical Journal, 2017, 130, 249-250. | 2.3 | 2 |
| 79 | Sellar germinoma mimicking IgG4-related hypophysitis: a case report. BMC Endocrine Disorders, 2022, 22, 23. | 2.2 | 2 |
| 80 | Clinical and Therapeutic Characteristics of Pituitary TSH-Secreting Adenoma in Adolescent-Onset Patients: Six Case Studies and Literature Review. Frontiers in Endocrinology, 2021, 12, 771673. | 3.5 | 2 |
| 81 | Curative effects of head Î³-SRT for the treatment of functional pituitary macroadenoma. Oncology Letters, 2016, 12, 893-896. | 1.8 | 1 |
| 82 | Multiple myeloma complicated by skull plasmacytoma discovered after head injury. Journal of Integrative Neuroscience, 2021, 20, 459. | 1.7 | 1 |
| 83 | Treatment and outcomes of recurrent/persistent Cushingâ€™s disease: a single-center experience. Annals of Palliative Medicine, 2021, 10, 2494-2504. | 1.2 | 1 |
| 84 | A case of subdural hematoma with a medical history of hemophilia a and a review of related literature. Chinese Neurosurgical Journal, 2018, 4, 12. | 0.9 | 0 |
| 85 | Management of thyrotoxicosis occurring after surgery for Cushingâ€™s disease: a case series. Gland Surgery, 2021, 10, 1627-1637. | 1.1 | 0 |
| 86 | Coagulation disorders in patients with abnormal serum cortisol level. Chinese Medical Journal, 2021, Publish Ahead of Print, . | 2.3 | 0 |
| 87 | MON-LB100 Worse Clinical Characteristics and More Unsatisfactory Therapeutic Outcomes in Coexisting Thyrotropin Pituitary Adenomas. Journal of the Endocrine Society, 2019, 3, . | 0.2 | 0 |
| 88 | MON-LB075 Etiological Spectrum and Change Pattern of Pituitary Stalk Thickness: A Single Center Experience in 321 Patients. Journal of the Endocrine Society, 2019, 3, . | 0.2 | 0 |
| 89 | Demographic Characterization of Patients Enrolled in the China Pituitary Disease Register Network. Chinese Medical Journal, 2018, 131, 2871-2873. | 2.3 | 0 |
| 90 | Basal Ganglia Germ Cell Tumors With or Without Sellar Involvement: A Long-Term Follow-Up in a Single Medical Center and a Systematic Literature Review. Frontiers in Endocrinology, 2021, 12, 763609. | 3.5 | 0 |

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|---|---|---|---|
| 91 | Transsphenoidal Surgery of Corticotroph Adenomas With Cavernous Sinus Invasion: Results in a Series of 86 Consecutive Patients. Frontiers in Oncology, 2022, 12, 810234. | 2.8 | 0 |
| 92 | Predictive Factor of Surgical Efficacy in Male Patients with Prolactinoma. Zhongguo Yi Xue Ke Xue Yuan Xue Bao Acta Academiae Medicinae Sinicae, 2016, 38, 383-7. | 0.2 | 0 |
| 93 | Correlation between Different Postoperative Serum Cortisol Cut-off Values Measured in Different Periods and Long-term Outcomes in Patients with Cushing's Disease. Zhongguo Yi Xue Ke Xue Yuan Xue Bao Acta Academiae Medicinae Sinicae, 2017, 39, 140-144. | 0.2 | 0 |