

Jun Tai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1899094/publications.pdf>

Version: 2024-02-01

57
papers

896
citations

567247

15
h-index

580810

25
g-index

60
all docs

60
docs citations

60
times ranked

990
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Rapid, Ultrasensitive, and Highly Specific Diagnosis of COVID-19 by CRISPR-Based Detection. ACS Sensors, 2021, 6, 881-888. | 7.8 | 81 |
| 2 | Risk factors of obstructive sleep apnea syndrome in children. Journal of Otolaryngology - Head and Neck Surgery, 2020, 49, 11. | 1.9 | 63 |
| 3 | eRAM: encyclopedia of rare disease annotations for precision medicine. Nucleic Acids Research, 2018, 46, D937-D943. | 14.5 | 56 |
| 4 | A one-step, one-pot CRISPR nucleic acid detection platform (CRISPR-top): Application for the diagnosis of COVID-19. Talanta, 2021, 233, 122591. | 5.5 | 51 |
| 5 | LAMP-CRISPR-Cas12-based diagnostic platform for detection of Mycobacterium tuberculosis complex using real-time fluorescence or lateral flow test. Mikrochimica Acta, 2021, 188, 347. | 5.0 | 43 |
| 6 | Genetic polymorphisms in cytochrome P450 genes are associated with an increased risk of squamous cell carcinoma of the larynx and hypopharynx in a Chinese population. Cancer Genetics and Cytogenetics, 2010, 196, 76-82. | 1.0 | 39 |
| 7 | MicroRNA-365a-3p promotes tumor growth and metastasis in laryngeal squamous cell carcinoma. Oncology Reports, 2016, 35, 2017-2026. | 2.6 | 36 |
| 8 | Correlation between BRAF V600E mutation and clinicopathological features in pediatric papillary thyroid carcinoma. Science China Life Sciences, 2017, 60, 729-738. | 4.9 | 28 |
| 9 | PedAM: a database for Pediatric Disease Annotation and Medicine. Nucleic Acids Research, 2018, 46, D977-D983. | 14.5 | 27 |
| 10 | Metabolomic analysis reveals potential biomarkers and the underlying pathogenesis involved in <i>Mycoplasma pneumoniae</i> pneumonia. Emerging Microbes and Infections, 2022, 11, 593-605. | 6.5 | 27 |
| 11 | Candidate Gene Association Analysis of Neuroblastoma in Chinese Children Strengthens the Role of LMO1. PLoS ONE, 2015, 10, e0127856. | 2.5 | 23 |
| 12 | Association between mild or moderate obstructive sleep apnea-hypopnea syndrome and cognitive dysfunction in children. Sleep Medicine, 2018, 50, 132-136. | 1.6 | 22 |
| 13 | lncRNA SNHG16 is associated with proliferation and poor prognosis of pediatric neuroblastoma. International Journal of Oncology, 2019, 55, 93-102. | 3.3 | 22 |
| 14 | CO 2 laser cauterization approach to congenital pyriform sinus fistula. Journal of Pediatric Surgery, 2018, 53, 1313-1317. | 1.6 | 21 |
| 15 | Efficacy and safety of oral sildenafil in treatment of pediatric head and neck lymphatic malformations. Acta Oto-Laryngologica, 2017, 137, 674-678. | 0.9 | 20 |
| 16 | RRS1 gene expression involved in the progression of papillary thyroid carcinoma. Cancer Cell International, 2018, 18, 20. | 4.1 | 18 |
| 17 | The efficacy and safety of montelukast in children with obstructive sleep apnea: a systematic review and meta-analysis. Sleep Medicine, 2021, 78, 193-201. | 1.6 | 18 |
| 18 | BDNF contributes to the neonatal incision-induced facilitation of spinal long-term potentiation and the exacerbation of incisional pain in adult rats. Neuropharmacology, 2018, 137, 114-132. | 4.1 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Correlation between TERT C228T and clinic-pathological features in pediatric papillary thyroid carcinoma. <i>Science China Life Sciences</i> , 2019, 62, 1563-1571. | 4.9 | 16 |
| 20 | A CRISPR-Cas12b-Based Platform for Ultrasensitive, Rapid, and Highly Specific Detection of Hepatitis B Virus Genotypes B and C in Clinical Application. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 743322. | 4.1 | 16 |
| 21 | Impaired T Cell-dependent Humoral Immune Response Associated with Juvenile-onset Recurrent Respiratory Papillomatosis Progression. <i>Scientific Reports</i> , 2016, 6, 36378. | 3.3 | 15 |
| 22 | EV PD-L1 is Correlated With Clinical Features and Contributes to T Cell Suppression in Pediatric Thyroid Cancer. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e2970-e2981. | 3.6 | 15 |
| 23 | Proteomic and Metabolomic Signatures Associated With the Immune Response in Healthy Individuals Immunized With an Inactivated SARS-CoV-2 Vaccine. <i>Frontiers in Immunology</i> , 2022, 13, . | 4.8 | 15 |
| 24 | Sleep Duration and Factors Related to Sleep Loss in 3-14-Year-Old Children in Beijing. <i>Chinese Medical Journal</i> , 2018, 131, 1799-1807. | 2.3 | 14 |
| 25 | Chinese guideline for the diagnosis and treatment of childhood obstructive sleep apnea (2020). <i>Pediatric Investigation</i> , 2021, 5, 167-187. | 1.4 | 14 |
| 26 | Pneumomediastinum Secondary to Foreign Body Aspiration. <i>Chinese Medical Journal</i> , 2016, 129, 2691-2696. | 2.3 | 13 |
| 27 | Clinical analysis of surgical treatment for head and neck lymphatic malformations in children: a series of 128 cases. <i>Acta Oto-Laryngologica</i> , 2019, 139, 713-719. | 0.9 | 11 |
| 28 | Matrix metalloproteinase 9 (MMP9) level and MMP9 -1562C>T in patients with obstructive sleep apnea: a systematic review and meta-analysis of case-control studies. <i>Sleep Medicine</i> , 2020, 67, 110-119. | 1.6 | 11 |
| 29 | Effects of obstructive sleep apnoea severity on neurocognitive and brain white matter alterations in children according to sex: a tract-based spatial statistics study. <i>Sleep Medicine</i> , 2021, 82, 134-143. | 1.6 | 11 |
| 30 | Functional Polymorphisms in <i>BARD1</i> Association with Neuroblastoma in a regional Han Chinese Population. <i>Journal of Cancer</i> , 2019, 10, 2153-2160. | 2.5 | 10 |
| 31 | Bioinformatics analysis to screen key genes in papillary thyroid carcinoma. <i>Oncology Letters</i> , 2020, 19, 195-204. | 1.8 | 10 |
| 32 | Normative values of polysomnographic parameters in Chinese children and adolescents: a cross-sectional study. <i>Sleep Medicine</i> , 2016, 27-28, 49-53. | 1.6 | 9 |
| 33 | Comparison of chitosan microsphere versus O-carboxymethyl chitosan microsphere for drug delivery systems. <i>Journal of Bioactive and Compatible Polymers</i> , 2017, 32, 469-486. | 2.1 | 9 |
| 34 | Systematic investigation of childhood sleep-disordered breathing (SDB) in Beijing: validation of survey methodology. <i>BMJ Open</i> , 2018, 8, e021097. | 1.9 | 9 |
| 35 | Up-regulated lipocalin-2 in pediatric thyroid cancer correlated with poor clinical characteristics. <i>European Archives of Oto-Rhino-Laryngology</i> , 2018, 275, 2823-2828. | 1.6 | 8 |
| 36 | Efficacy of Initial Sirolimus Therapy for 27 Patients with Intractable Lymphatic Malformations. <i>Laryngoscope</i> , 2021, 131, 1902-1908. | 2.0 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | A somatic mutation in PIK3CD unravels a novel candidate gene for lymphatic malformation. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 208. | 2.7 | 8 |
| 38 | Detection of FOXO1 break-apart status by fluorescence in situ hybridization in atypical alveolar rhabdomyosarcoma. <i>Science China Life Sciences</i> , 2017, 60, 721-728. | 4.9 | 6 |
| 39 | Tim-3 is a potential regulator that inhibits monocyte inflammation in response to intermittent hypoxia in children with obstructive sleep apnea syndrome. <i>Clinical Immunology</i> , 2021, 222, 108641. | 3.2 | 6 |
| 40 | MRI in Children With Pyriform Sinus Fistula. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 85-95. | 3.4 | 6 |
| 41 | Prothrombotic Factors in Obstructive Sleep Apnea: A Systematic Review With Meta-Analysis. <i>Ear, Nose and Throat Journal</i> , 2020, , 014556132096520. | 0.8 | 5 |
| 42 | Central Sleep Apnea Alters Neuronal Excitability and Increases the Randomness in Sleep-Wake Transitions. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 3185-3194. | 4.2 | 5 |
| 43 | Digital light procession three-dimensional printing acrylate/collagen composite airway stent for tracheomalacia. <i>Journal of Bioactive and Compatible Polymers</i> , 2017, 32, 429-442. | 2.1 | 4 |
| 44 | A Novel Real-Time Reverse Transcription Loop-Mediated Isothermal Amplification Detection Platform: Application to Diagnosis of COVID-19. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 748746. | 4.1 | 4 |
| 45 | Lentivirus-delivered nemo-like kinase small interfering RNA inhibits laryngeal cancer cell proliferation in vitro. <i>Molecular Medicine Reports</i> , 2015, 12, 5619-5624. | 2.4 | 3 |
| 46 | The Impacts of Obstructive Sleep Apnea Severity on Brain White Matter Integrity and Cognitive Functions in Children: A Diffusion Tensor Imaging Study. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 2125-2135. | 2.7 | 3 |
| 47 | Duration criterion of respiratory events for children with obstructive sleep apnea. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2015, 79, 2364-2367. | 1.0 | 2 |
| 48 | A double-lyophilization method for the preparation of CS/GO-COOH scaffold and its application in blood detoxification. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2016, 27, 1788-1807. | 3.5 | 2 |
| 49 | HLA-DRB1 and HLA-DQB1 alleles in Chinese Han patients with Juvenile-Onset recurrent respiratory papillomatosis. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2017, 102, 119-122. | 1.0 | 2 |
| 50 | Spinal SHP2 Contributes to Exaggerated Incisional Pain in Adult Rats Subjected to Neonatal and Adult Incisions via PI3K. <i>Neuroscience</i> , 2018, 385, 102-120. | 2.3 | 2 |
| 51 | Immunomodulatory features of radiotherapy in lung carcinoma. <i>Translational Cancer Research</i> , 2020, 9, 42-48. | 1.0 | 2 |
| 52 | The optimal surgical approach for papillary thyroid carcinoma with pathological n1 metastases: An analysis from the SEER database. <i>Laryngoscope</i> , 2020, 130, 269-273. | 2.0 | 1 |
| 53 | Surgical Treatment of Cervicothoracic Junction Lesions in Children: A Series of 18 Cases. <i>Journal of Investigative Surgery</i> , 2022, 35, 263-267. | 1.3 | 1 |
| 54 | Efficacy of Velopharyngeal Surgery for Positional Obstructive Sleep Apnea Hypopnea Syndrome. <i>Ear, Nose and Throat Journal</i> , 2020, 100, 014556132093195. | 0.8 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Surgical Experiences of Pediatric Cervical Bronchogenic Cysts: A Case Series of 6 Patients. Ear, Nose and Throat Journal, 2021, , 014556132098219. | 0.8 | 1 |
| 56 | Endoscopy-assisted, transoral submucosal coblation for pediatric retropharyngeal lymphatic malformations. International Journal of Pediatric Otorhinolaryngology, 2020, 134, 110074. | 1.0 | 1 |
| 57 | A population-based analysis of clinical features and lymph node dissection in head and neck malignant neurogenic tumors. BMC Cancer, 2021, 21, 598. | 2.6 | 0 |