# Masaaki Sato

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7991777/publications.pdf

Version: 2024-02-01

| 96 | 3,997 | 218677 | 123424 |
|---|---|---|---|
| papers | citations | 26 h-index | 61 g-index |

| 99 | 99 | 99 | 3409 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Normothermic Ex Vivo Lung Perfusion in Clinical Lung Transplantation. New England Journal of Medicine, 2011, 364, 1431-1440. | 27.0 | 898 |
| 2 | Technique for Prolonged Normothermic Ex Vivo Lung Perfusion. Journal of Heart and Lung Transplantation, 2008, 27, 1319-1325. | 0.6 | 441 |
| 3 | Restrictive allograft syndrome (RAS): A novel form of chronic lung allograft dysfunction. Journal of Heart and Lung Transplantation, 2011, 30, 735-742. | 0.6 | 405 |
| 4 | Restrictive allograft syndrome post lung transplantation is characterized by pleuroparenchymal fibroelastosis. Modern Pathology, 2013, 26, 350-356. | 5.5 | 203 |
| 5 | Chronic lung allograft dysfunction: Definition and update of restrictive allograft syndromeâ€•A consensus report from the Pulmonary Council of the ISHLT. Journal of Heart and Lung Transplantation, 2019, 38, 483-492. | 0.6 | 190 |
| 6 | Use of virtual assisted lung mapping (VAL-MAP), a bronchoscopic multispot dye-marking technique using virtual images, for precise navigation of thoracoscopic sublobar lung resection. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 1813-1819. | 0.8 | 130 |
| 7 | An Immunogram for the Cancer-Immunity Cycle: Towards Personalized Immunotherapy of Lung Cancer. Journal of Thoracic Oncology, 2017, 12, 791-803. | 1.1 | 127 |
| 8 | Living-donor lobar lung transplantation provides similar survival to cadaveric lung transplantation even for very ill patientsâ€. European Journal of Cardio-thoracic Surgery, 2015, 47, 967-973. | 1.4 | 92 |
| 9 | Bronchiolitis Obliterans Syndrome: Alloimmune-Dependent and -Independent Injury with Aberrant Tissue Remodeling. Seminars in Thoracic and Cardiovascular Surgery, 2008, 20, 173-182. | 0.6 | 84 |
| 10 | Revisiting the pathologic finding of diffuse alveolar damage after lung transplantation. Journal of Heart and Lung Transplantation, 2012, 31, 354-363. | 0.6 | 70 |
| 11 | The Role of Intrapulmonary De Novo Lymphoid Tissue in Obliterative Bronchiolitis after Lung Transplantation. Journal of Immunology, 2009, 182, 7307-7316. | 0.8 | 69 |
| 12 | Registry of the Japanese Society of Lung and Heartâ€“Lung Transplantation: official Japanese lung transplantation report, 2014. General Thoracic and Cardiovascular Surgery, 2014, 62, 594-601. | 0.9 | 69 |
| 13 | Prediction and prioritization of neoantigens: integration of <scp>RNA</scp> sequencing data with wholeâ€exome sequencing. Cancer Science, 2017, 108, 170-177. | 3.9 | 63 |
| 14 | Virtual-assisted lung mapping: outcome of 100 consecutive cases in a single instituteâ€. European Journal of Cardio-thoracic Surgery, 2015, 47, e131-e139. | 1.4 | 58 |
| 15 | Effect of virtual-assisted lung mapping in acquisition of surgical margins in sublobar lung resection. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 1691-1701.e5. | 0.8 | 55 |
| 16 | Î²2-Adrenoreceptor Agonist Inhalation During ExÂVivo Lung Perfusion Attenuates Lung Injury. Annals of Thoracic Surgery, 2015, 100, 480-486. | 1.3 | 46 |
| 17 | International Society for Heart and Lung Transplantation consensus statement for the standardization of bronchoalveolar lavage in lung transplantation. Journal of Heart and Lung Transplantation, 2020, 39, 1171-1190. | 0.6 | 42 |
| 18 | Stromal Activation and Formation of Lymphoid-Like Stroma in Chronic Lung Allograft Dysfunction. Transplantation, 2011, 91, 1398-1405. | 1.0 | 39 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Techniques of stapler-based navigational thoracoscopic segmentectomy using virtual assisted lung mapping (VAL-MAP). Journal of Thoracic Disease, 2016, 8, S716-S730. | 1.4 | 39 |
| 20 | Time-dependent changes in the risk of death in pure bronchiolitis obliterans syndrome (BOS). Journal of Heart and Lung Transplantation, 2013, 32, 484-491. | 0.6 | 38 |
| 21 | Outcomes of marginal donors for lung transplantation after exÂvivo lung perfusion: A systematic review and meta-analysis. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 720-730.e6. | 0.8 | 38 |
| 22 | Low-dose computed tomography volumetry for subtyping chronic lung allograft dysfunction. Journal of Heart and Lung Transplantation, 2016, 35, 59-66. | 0.6 | 37 |
| 23 | Safety and reproducibility of virtual-assisted lung mapping: a multicentre study in Japanâ€. European Journal of Cardio-thoracic Surgery, 2017, 51, ezw395. | 1.4 | 35 |
| 24 | Plasmin administration during ex vivo lung perfusion ameliorates lung ischemiaâ€“reperfusion injury. Journal of Heart and Lung Transplantation, 2014, 33, 1093-1099. | 0.6 | 30 |
| 25 | Concepts and techniques: how to determine and identify the appropriate target segment in anatomical pulmonary segmentectomy?. Journal of Thoracic Disease, 2019, 11, 972-986. | 1.4 | 30 |
| 26 | Postoperative pulmonary function and complications in living-donor lobectomy. Journal of Heart and Lung Transplantation, 2015, 34, 1089-1094. | 0.6 | 29 |
| 27 | Precise sublobar lung resection for small pulmonary nodules: localization and beyond. General Thoracic and Cardiovascular Surgery, 2020, 68, 684-691. | 0.9 | 29 |
| 28 | Identification of Individual Cancer-Specific Somatic Mutations for Neoantigen-Based Immunotherapy of Lung Cancer. Journal of Thoracic Oncology, 2016, 11, 324-333. | 1.1 | 28 |
| 29 | Spread through air spaces is an independent predictor of recurrence in stage III (N2) lung adenocarcinoma. Interactive Cardiovascular and Thoracic Surgery, 2019, 29, 442-448. | 1.1 | 28 |
| 30 | Halofuginone treatment reduces interleukin-17A and ameliorates features of chronic lung allograft dysfunction in a mouse orthotopic lung transplant model. Journal of Heart and Lung Transplantation, 2016, 35, 518-527. | 0.6 | 26 |
| 31 | Unilateral chronic lung allograft dysfunction is a characteristic of bilateral living-donor lobar lung transplantationâ€. European Journal of Cardio-thoracic Surgery, 2015, 48, 463-469. | 1.4 | 25 |
| 32 | Adoptive transfer of zoledronate-expanded autologous Vî³9Vî´2 T-cells in patients with treatment-refractory non-small-cell lung cancer: a multicenter, open-label, single-arm, phase 2 study. , 2020, 8, e001185. | | 22 |
| 33 | A novel combined exÂvivo and inÂvivo lentiviral interleukin-10 gene delivery strategy at the time of transplantation decreases chronic lung allograft rejection in mice. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 1305-1315. | 0.8 | 21 |
| 34 | A meta-analysis of preoperative bronchoscopic marking for pulmonary nodules. European Journal of Cardio-thoracic Surgery, 2020, 58, 40-50. | 1.4 | 21 |
| 35 | Role of post-mapping computed tomography in virtual-assisted lung mapping. Asian Cardiovascular and Thoracic Annals, 2017, 25, 123-130. | 0.5 | 20 |
| 36 | High CCR4 expression in the tumor microenvironment is a poor prognostic indicator in lung adenocarcinoma. Journal of Thoracic Disease, 2018, 10, 4741-4750. | 1.4 | 20 |

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|---|---|---|---|
| 37 | Thoracoscopic wedge lung resection using virtual-assisted lung mapping. Asian Cardiovascular and Thoracic Annals, 2015, 23, 46-54. | 0.5 | 19 |
| 38 | Virtual-Assisted Lung Mapping 2.0: Preoperative Bronchoscopic Three-Dimensional Lung Mapping. Annals of Thoracic Surgery, 2019, 108, 269-273. | 1.3 | 19 |
| 39 | Regression of Allograft Airway Fibrosis. American Journal of Pathology, 2011, 179, 1287-1300. | 3.8 | 17 |
| 40 | Low truncal muscle area on chest computed tomography: a poor prognostic factor for the cure of early-stage non-small-cell lung cancerâ€. European Journal of Cardio-thoracic Surgery, 2019, 55, 414-420. | 1.4 | 17 |
| 41 | Lung allocation score and health-related quality of life in Japanese candidates for lung transplantation. Interactive Cardiovascular and Thoracic Surgery, 2015, 21, 28-33. | 1.1 | 15 |
| 42 | Association of Local Intrapulmonary Production of Antibodies Specific to Donor Major Histocompatibility Complex Class I With the Progression of Chronic Rejection of Lung Allografts. Transplantation, 2017, 101, e156-e165. | 1.0 | 14 |
| 43 | Protocol for the VAL-MAP 2.0 trial: a multicentre, single-arm, phase III trial to evaluate the effectiveness of virtual-assisted lung mapping by bronchoscopic dye injection and microcoil implementation in patients with small pulmonary nodules in Japan. BMJ Open, 2019, 9, e028018. | 1.9 | 14 |
| 44 | Japanese Version of the Mobile App Rating Scale (MARS): Development and Validation. JMIR MHealth and UHealth, 2022, 10, e33725. | 3.7 | 14 |
| 45 | Combined virtual-assisted lung mapping (VAL-MAP) with CT-guided localization in thoracoscopic pulmonary segmentectomy. Asian Journal of Surgery, 2019, 42, 488-494. | 0.4 | 13 |
| 46 | Chronic lung allograft dysfunction post-lung transplantation: The era of bronchiolitis obliterans syndrome and restrictive allograft syndrome. World Journal of Transplantation, 2020, 10, 104-116. | 1.6 | 13 |
| 47 | Flat Chest of Pleuroparenchymal Fibroelastosis Reversed by Lung Transplantation. Annals of Thoracic Surgery, 2016, 102, e347-e349. | 1.3 | 12 |
| 48 | Use of electromagnetic navigation bronchoscopy in virtual-assisted lung mapping: the effect of on-site adjustment. General Thoracic and Cardiovascular Surgery, 2019, 67, 1062-1069. | 0.9 | 12 |
| 49 | Preoperative lung surface localization for pulmonary wedge resection: a single-center experience. Journal of Thoracic Disease, 2020, 12, 2129-2136. | 1.4 | 12 |
| 50 | The role of virtual-assisted lung mapping 2.0 combining microcoils and dye marks in deep lung resection. Journal of Thoracic and Cardiovascular Surgery, 2022, 164, 243-251.e5. | 0.8 | 12 |
| 51 | Gene Therapy in Lung Transplantation. Current Gene Therapy, 2006, 6, 439-458. | 2.0 | 11 |
| 52 | LPS-induced Airway-centered Inflammation Leading to BOS-like Airway Remodeling Distinct From RAS-like Fibrosis in Rat Lung Transplantation. Transplantation, 2020, 104, 1150-1158. | 1.0 | 11 |
| 53 | Novel thermographic detection of regional malperfusion caused by a thrombosis duringex vivolung perfusion. Interactive Cardiovascular and Thoracic Surgery, 2015, 20, 242-247. | 1.1 | 10 |
| 54 | Emphysematous lungs do not affect visibility of virtual-assisted lung mapping. Asian Cardiovascular and Thoracic Annals, 2016, 24, 152-157. | 0.5 | 10 |

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|---|---|---|---|
| 55 | Improved visualization of virtual-assisted lung mapping by indocyanine green. JTCVS Techniques, 2021, 10, 542-549. | 0.4 | 10 |
| 56 | Virtual assisted lung mapping: navigational thoracoscopic lung resection. Cancer Research Frontiers, 2016, 2, 85-104. | 0.2 | 9 |
| 57 | Upregulation of alveolar neutrophil enzymes and long pentraxin-3 in human chronic lung allograft dysfunction subtypes. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 2774-2776.e2. | 0.8 | 7 |
| 58 | Rat lung transplantation model: modifications of the cuff technique. Annals of Translational Medicine, 2020, 8, 407-407. | 1.7 | 7 |
| 59 | Outcomes of lung transplantation for idiopathic pleuroparenchymal fibroelastosis. Surgery Today, 2021, 51, 1276-1284. | 1.5 | 7 |
| 60 | Lung Transplantation for Pleuroparenchymal Fibroelastosis. Journal of Clinical Medicine, 2021, 10, 957. | 2.4 | 7 |
| 61 | Effect of patient position during virtual-assisted lung mapping. Journal of Thoracic Disease, 2019, 11, 162-170. | 1.4 | 6 |
| 62 | Virtual-assisted lung mapping in sublobar resection of small pulmonary nodules, long-term results. European Journal of Cardio-thoracic Surgery, 2022, 61, 761-768. | 1.4 | 6 |
| 63 | Risk Factors for Invisible Intraoperative Markings After Virtual-Assisted Lung Mapping. Annals of Thoracic Surgery, 2022, 114, 1903-1910. | 1.3 | 6 |
| 64 | The role of virtual-assisted lung mapping in the resection of ground glass nodules. Journal of Thoracic Disease, 2018, 10, 2638-2647. | 1.4 | 5 |
| 65 | Differences Between Patients With Idiopathic Pleuroparenchymal Fibroelastosis and Those With Other Types of Idiopathic Interstitial Pneumonia in Candidates for Lung Transplants. Transplantation Proceedings, 2019, 51, 2014-2021. | 0.6 | 5 |
| 66 | Latest update about virtual-assisted lung mapping in thoracic surgery. Annals of Translational Medicine, 2019, 7, 36-36. | 1.7 | 5 |
| 67 | Living-Donor Lobar Lung Transplantation for Treatment of Idiopathic Pulmonary Arterial Hypertension With Severe Pulmonary Arterial Dilation. Annals of Thoracic Surgery, 2014, 97, e149. | 1.3 | 4 |
| 68 | Management of lung nodules newly found by virtual-assisted lung mapping: a case report. Surgical Case Reports, 2017, 3, 49. | 0.6 | 4 |
| 69 | Bilateral segmentectomies using virtual-assisted lung mapping (VAL-MAP) for metastatic lung tumors. Surgical Case Reports, 2017, 3, 104. | 0.6 | 4 |
| 70 | Three-dimensional imaging for thoracoscopic resection of complex lung anomalies. Surgical Case Reports, 2017, 3, 106. | 0.6 | 4 |
| 71 | Strategies to improve the accuracy of lung stapling in uniportal and multiportal thoracoscopic sublobar lung resections. European Journal of Cardio-thoracic Surgery, 2020, 58, i108-i110. | 1.4 | 4 |
| 72 | Managing screening-detected subsolid nodulesâ€"the Asian perspective. Translational Lung Cancer Research, 2021, 10, 2323-2334. | 2.8 | 4 |

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|---|---|---|---|
| 73 | Virtual-assisted lung mapping using dual staining with indocyanine green and indigo carmine enhanced marking detectability. Journal of Thoracic Disease, 2022, 14, 1061-1069. | 1.4 | 4 |
| 74 | Noninvasive monitoring of allograft rejection in a rat lung transplant model: Application of machine learning-based 18F-fluorodeoxyglucose positron emission tomography radiomics. Journal of Heart and Lung Transplantation, 2022, 41, 722-731. | 0.6 | 4 |
| 75 | Rapid imaging of lung cancer using a red fluorescent probe to detect dipeptidyl peptidase 4 and puromycin-sensitive aminopeptidase activities. Scientific Reports, 2022, 12, . | 3.3 | 4 |
| 76 | Successful Single-Lung Transplantation for Multicentric Castleman Disease. Annals of Thoracic Surgery, 2014, 98, e63-e65. | 1.3 | 3 |
| 77 | Squamous cell carcinoma of the lung showing a ground glass nodule on high-resolution computed tomography associated with pneumoconiosis: a case report. Surgical Case Reports, 2017, 3, 107. | 0.6 | 3 |
| 78 | The AMAGAMI technique: an easy technique to achieve precise stapling in thoracoscopic segmentectomy. Journal of Thoracic Disease, 2019, 11, 276-279. | 1.4 | 3 |
| 79 | Successful angioplasties using high pressure large balloons in a patient with severe anastomotic pulmonary artery stenosis soon after single-lung transplantation. Journal of Cardiology Cases, 2020, 22, 22-25. | 0.5 | 3 |
| 80 | Current status of inhaled nitric oxide therapy for lung transplantation in Japan: a nationwide survey. General Thoracic and Cardiovascular Surgery, 2021, 69, 1421-1431. | 0.9 | 3 |
| 81 | Lung transplant after long-term veno-venous extracorporeal membrane oxygenation: a case report. Journal of Cardiothoracic Surgery, 2021, 16, 246. | 1.1 | 3 |
| 82 | Resection of Clustered Arteriovenous Malformations to Avoid Lung Transplantation. Annals of Thoracic Surgery, 2021, 112, e253-e256. | 1.3 | 3 |
| 83 | Exacerbation of Secondary Pulmonary Hypertension by Flat Chest after Lung Transplantation. Annals of Thoracic and Cardiovascular Surgery, 2022, 28, 298-301. | 0.8 | 3 |
| 84 | Metaplastic thymoma with myasthenia gravis presumably caused by an accumulation of intratumoral immature T cells: a case report. International Journal of Clinical and Experimental Pathology, 2015, 8, 15375-80. | 0.5 | 3 |
| 85 | Development and validation of the Japanese version of the uMARS (user version of the mobile app) Tj ETQq1 1 0.784314 rgBT /Overlo | 3.3 | 3 |
| 86 | É-glutamyl hydroxymethyl rhodamine green fluorescence as a prognostic indicator for lung cancer. General Thoracic and Cardiovascular Surgery, 2020, 68, 1418-1424. | 0.9 | 2 |
| 87 | Familial interstitial pneumonia revealed after living-donor lobar lung transplantation. Annals of Thoracic Surgery, 2021, 112, e365-e368. | 1.3 | 1 |
| 88 | Pediatric livingâ€donor lobar lung transplantation in postpneumonectomyâ€like anatomy caused by pulmonary hypoplasia with congenital diaphragmatic hernia. American Journal of Transplantation, 2021, 21, 3461-3464. | 4.7 | 1 |
| 89 | Palpitation and virtual-assisted lung mapping: not mutually exclusive but complementary to facilitate sublobar lung resection. Journal of Thoracic Disease, 2021, 13, 3927-3929. | 1.4 | 1 |
| 90 | Management of Partial Anomalous Pulmonary Venous Return In Lung Transplantation. Annals of Thoracic Surgery, 2021, 112, e95-e97. | 1.3 | 1 |

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|---|---|---|---|
| 91 | Effect of intraoperative needle biopsy on the survival of nonsmall cell lung cancer patients: a propensity score matching analysis. Surgery Today, 2022, 52, 1497-1503. | 1.5 | 1 |
| 92 | All things are created twice: the importance of planning and reproduction in sublobar lung resection. Journal of Thoracic Disease, 2018, 10, S3200-S3202. | 1.4 | 0 |
| 93 | Native Lung Pulmonary Artery Banding After Single-Lung Transplant for Obliterative Bronchiolitis. Annals of Thoracic Surgery, 2021, 111, e253-e255. | 1.3 | 0 |
| 94 | Lung autotransplantation for bronchial necrosis after radiotherapy: a case report. Surgical Case Reports, 2021, 7, 79. | 0.6 | 0 |
| 95 | Intrabronchial migration of hemostatic agent through a bronchial fistula after lung transplantation: a case report. Surgical Case Reports, 2021, 7, 116. | 0.6 | 0 |
| 96 | Thoracic mediastinal-occupying ratio predicts recovery and prognosis after lung transplantation. Interactive Cardiovascular and Thoracic Surgery, 2022, , . | 1.1 | 0 |