

# Stephan Arni

## List of Publications by Year in descending order

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44  
papers

1,301  
citations

394421

19  
h-index

361022

35  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1640  
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of GAP-43 with Detergent-resistant Membranes Requires Two Palmitoylated Cysteine Residues. <i>Journal of Biological Chemistry</i> , 1998, 273, 28478-28485.	3.4	130
2	Microdomain-dependent Regulation of Lck and Fyn Protein-Tyrosine Kinases in T Lymphocyte Plasma Membranes. <i>Molecular Biology of the Cell</i> , 1999, 10, 891-905.	2.1	119
3	Human monoclonal antibodies to domain C of tenascin-C selectively target solid tumors in vivo. <i>Protein Engineering, Design and Selection</i> , 2006, 19, 471-478.	2.1	88
4	Ex Vivo Reconditioning of Marginal Donor Lungs Injured by Acid Aspiration. <i>Journal of Heart and Lung Transplantation</i> , 2008, 27, 1229-1236.	0.6	81
5	Fibrinolytic Treatment Improves the Quality of Lungs Retrieved From Non-Heart-Beating Donors. <i>Journal of Heart and Lung Transplantation</i> , 2007, 26, 1054-1060.	0.6	67
6	CD26/DPP-4 inhibition recruits regenerative stem cells via stromal cell-derived factor-1 and beneficially influences ischaemia-reperfusion injury in mouse lung transplantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 41, 1166-1173.	1.4	63
7	Genetic variants of the mannan-binding lectin are associated with immune reactivity to mannans in Crohn's disease. <i>Gastroenterology</i> , 2004, 127, 1076-1084.	1.3	56
8	N-Acetylcysteine Attenuates Lung Ischemia-Induced Reperfusion Injury After Lung Transplantation. <i>Annals of Thoracic Surgery</i> , 2007, 84, 240-246.	1.3	50
9	Cytokine filtration modulates pulmonary metabolism and edema formation during ex vivo lung perfusion. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 283-291.	0.6	48
10	Comparative immunohistochemistry of L19 and F16 in non-small cell lung cancer and mesothelioma: Two human antibodies investigated in clinical trials in patients with cancer. <i>Lung Cancer</i> , 2009, 64, 28-33.	2.0	45
11	Differential Regulation of Src-Family Protein Tyrosine Kinases in GPI Domains of T Lymphocyte Plasma Membranes. <i>Biochemical and Biophysical Research Communications</i> , 1996, 225, 801-807.	2.1	44
12	Reconditioning of an injured lung graft with intrabronchial surfactant instillation in an ex vivo lung perfusion system followed by transplantation. <i>Journal of Surgical Research</i> , 2013, 184, 1143-1149.	1.6	36
13	Intragraft DPP IV Inhibition Attenuates Post-transplant Pulmonary Ischemia/Reperfusion Injury After Extended Ischemia. <i>Journal of Heart and Lung Transplantation</i> , 2007, 26, 174-180.	0.6	33
14	The CD26/DPP4-inhibitor vildagliptin suppresses lung cancer growth via macrophage-mediated NK cell activity. <i>Carcinogenesis</i> , 2019, 40, 324-334.	2.8	32
15	Perfusate adsorption during ex vivo lung perfusion improves early post-transplant lung function. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, e109-e121.	0.8	30
16	Prevention of primary graft dysfunction in lung transplantation by N-acetylcysteine after prolonged cold ischemia. <i>Journal of Heart and Lung Transplantation</i> , 2010, 29, 1293-1301.	0.6	29
17	Evaluation by Dot-Immunoassay of the Differential Distribution of Cell Surface and Intracellular Proteins in Glycosylphosphatidylinositol-Rich Plasma Membrane Domains. <i>Analytical Biochemistry</i> , 1996, 235, 49-56.	2.4	28
18	Ameliorative effect of IDS <sub>1</sub> /230, a stinging nettle leaf extract, on chronic colitis. <i>International Journal of Colorectal Disease</i> , 2005, 20, 9-17.	2.2	24

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19	Antagonizing the Hedgehog Pathway with Vismodegib Impairs Malignant Pleural Mesothelioma Growth <i>In Vivo</i> by Affecting Stroma. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 1095-1105.	4.1	24
20	Local recurrence model of malignant pleural mesothelioma for investigation of intrapleural treatment. <i>European Journal of Cardio-thoracic Surgery</i> , 2007, 31, 772-778.	1.4	22
21	Ex vivo administration of trimetazidine improves post-transplant lung function in pig model. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 171-177.	1.4	21
22	Primary Graft Dysfunction in Lung Transplantation: The Role of CD26/Dipeptidylpeptidase IV and Vasoactive Intestinal Peptide. <i>Transplantation</i> , 2009, 87, 1140-1146.	1.0	18
23	<i>Ex vivo</i> multiplex profiling of protein tyrosine kinase activities in early stages of human lung adenocarcinoma. <i>Oncotarget</i> , 2017, 8, 68599-68613.	1.8	18
24	Ex vivo treatment with inhaled N-acetylcysteine in porcine lung transplantation. <i>Journal of Surgical Research</i> , 2017, 218, 341-347.	1.6	17
25	Serological and DNA-based evaluation of <i>Chlamydia pneumoniae</i> infection in inflammatory bowel disease. <i>European Journal of Gastroenterology and Hepatology</i> , 2006, 18, 889-894.	1.6	16
26	Subnormothermic Ex Vivo Lung Perfusion Temperature Improves Graft Preservation in Lung Transplantation. <i>Cells</i> , 2021, 10, 748.	4.1	16
27	Identification and functional characterization of the promoter of the mouse sodium-activated sodium channel $Na_v1.7$ gene ( <i>Scn7a</i> ). <i>Journal of Neuroscience Research</i> , 2009, 87, 2509-2519.	2.9	15
28	Impact of Topical Cooling Solution and Prediction of Pulmonary Graft Viability From Non-heart-beating Donors. <i>Journal of Heart and Lung Transplantation</i> , 2008, 27, 1016-1022.	0.6	14
29	Effect of N-Acetylcysteine on Acute Allograft Rejection After Rat Lung Transplantation. <i>Annals of Thoracic Surgery</i> , 2013, 95, 1021-1027.	1.3	14
30	Surfactant alterations following donation after cardiac death donor lungs. <i>Transplant International</i> , 2011, 24, 78-84.	1.6	13
31	Perioperative Diclofenac Application during Video-Assisted Thoracic Surgery Pleurodesis Modulates Early Inflammatory and Fibrinolytic Processes in an Experimental Model. <i>European Surgical Research</i> , 2013, 50, 14-23.	1.3	11
32	Immuno-chemotherapy reduces recurrence of malignant pleural mesothelioma: an experimental setting. <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 35, 457-462.	1.4	10
33	Surfactant Improves Graft Function After Gastric Acid-Induced Lung Damage in Lung Transplantation. <i>Annals of Thoracic Surgery</i> , 2013, 95, 1013-1019.	1.3	10
34	Subnormothermic ex vivo lung perfusion attenuates ischemia reperfusion injury from donation after circulatory death donors. <i>PLoS ONE</i> , 2021, 16, e0255155.	2.5	10
35	Functional, Metabolic and Morphologic Results of Ex Vivo Donor Lung Perfusion with a Perfluorocarbon-Based Oxygen Carrier Nanoemulsion in a Large Animal Transplantation Model. <i>Cells</i> , 2020, 9, 2501.	4.1	9
36	Evaluation of imaging techniques for the assessment of tumour progression in an orthotopic rat model of malignant pleural mesothelioma. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 47, e34-e41.	1.4	7

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37	Perfluorocarbon-Based Oxygen Carriers and Subnormothermic Lung Machine Perfusion Decrease Production of Pro-Inflammatory Mediators. <i>Cells</i> , 2021, 10, 2249.	4.1	6
38	Ex Vivo Lung Perfusion with K(ATP) Channel Modulators Antagonize Ischemia Reperfusion Injury. <i>Cells</i> , 2021, 10, 2296.	4.1	6
39	The effect of low-dose continuous erythropoietin receptor activator in an experimental model of acute Cyclosporine A induced renal injury. <i>European Journal of Pharmacology</i> , 2011, 671, 113-119.	3.5	5
40	Laser-capture microdissection impairs activity-based protein profiles for serine hydrolase in human lung adenocarcinoma. <i>Journal of Biomolecular Techniques</i> , 2010, 21, 25-8.	1.5	5
41	Ex Vivo Lung Perfusion with $\hat{I}^2$ -Nicotinamide Adenine Dinucleotide (NAD <sup>+</sup> ) Improves Ischemic Lung Function. <i>Antioxidants</i> , 2022, 11, 843.	5.1	5
42	A Comprehensive Review on the Surgical Aspect of Lung Transplant Models in Mice and Rats. <i>Cells</i> , 2022, 11, 480.	4.1	3
43	KRAS mutation is associated with elevated myeloblastin activity in human lung adenocarcinoma. <i>Cancer Genomics and Proteomics</i> , 2012, 9, 51-4.	2.0	2
44	A strategy to analyse activity-based profiling of tyrosine kinase substrates in OCT-embedded lung cancer tissue. <i>Analytical Biochemistry</i> , 2018, 547, 77-83.	2.4	1