

# Markus Kamler

## List of Publications by Year in descending order

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36  
papers

975  
citations

567247

15  
h-index

477281

29  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1315  
citing authors

#	ARTICLE	IF	CITATIONS
1	Atrial Myocyte NLRP3/CaMKII Nexus Forms a Substrate for Postoperative Atrial Fibrillation. <i>Circulation Research</i> , 2020, 127, 1036-1055.	4.5	152
2	Pharmacological Inhibition of Acid Sphingomyelinase Prevents Uptake of SARS-CoV-2 by Epithelial Cells. <i>Cell Reports Medicine</i> , 2020, 1, 100142.	6.5	142
3	Î²1-Integrin Accumulates in Cystic Fibrosis Luminal Airway Epithelial Membranes and Decreases Sphingosine, Promoting Bacterial Infections. <i>Cell Host and Microbe</i> , 2017, 21, 707-718.e8.	11.0	86
4	NLRP3 inflammasome is a key driver of obesity-induced atrial arrhythmias. <i>Cardiovascular Research</i> , 2021, 117, 1746-1759.	3.8	67
5	Inhibition of acid sphingomyelinase by ambroxol prevents SARS-CoV-2 entry into epithelial cells. <i>Journal of Biological Chemistry</i> , 2021, 296, 100701.	3.4	63
6	Loss of SPEG Inhibitory Phosphorylation of Ryanodine Receptor Type-2 Promotes Atrial Fibrillation. <i>Circulation</i> , 2020, 142, 1159-1172.	1.6	54
7	Thrombin receptor PAR4 drives canonical NLRP3 inflammasome signaling in the heart. <i>Basic Research in Cardiology</i> , 2020, 115, 10.	5.9	51
8	Loss of Protein Phosphatase 1 Regulatory Subunit PPP1R3A Promotes Atrial Fibrillation. <i>Circulation</i> , 2019, 140, 681-693.	1.6	47
9	Mitochondrial Telomerase Reverse Transcriptase Protects From Myocardial Ischemia/Reperfusion Injury by Improving Complex I Composition and Function. <i>Circulation</i> , 2021, 144, 1876-1890.	1.6	46
10	An association of particulate air pollution and traffic exposure with mortality after lung transplantation in Europe. <i>European Respiratory Journal</i> , 2017, 49, 1600484.	6.7	43
11	Bronchial artery revascularization restores peribronchial tissue oxygenation after lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2004, 23, 763-766.	0.6	29
12	Sphingosine-coating of plastic surfaces prevents ventilator-associated pneumonia. <i>Journal of Molecular Medicine</i> , 2019, 97, 1195-1211.	3.9	23
13	One-year experience with ex vivo lung perfusion: Preliminary results from a single center. <i>International Journal of Artificial Organs</i> , 2018, 41, 460-466.	1.4	20
14	Scimitar syndrome in an adult: diagnosis and surgical treatment. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2003, 2, 350-351.	1.1	16
15	Clinical Development of Sphingosine as Anti-Bacterial Drug: Inhalation of Sphingosine in Mini Pigs has no Adverse Side Effects. <i>Cellular Physiology and Biochemistry</i> , 2019, 53, 1015-1028.	1.6	16
16	Acid sphingomyelinase regulates T <sub>H</sub> 2 cytokine release and bronchial asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 603-615.	5.7	14
17	Predictors of obstructive sleep apnea in lung transplant recipients. <i>Sleep Medicine</i> , 2016, 21, 121-125.	1.6	13
18	Deficits in oral health behavior and oral health status in patients after lung transplantation. <i>Clinical Respiratory Journal</i> , 2018, 12, 721-730.	1.6	12

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19	Genetic inhibition of nuclear factor of activated T-cell c2 prevents atrial fibrillation in CREM transgenic mice. <i>Cardiovascular Research</i> , 2022, 118, 2805-2818.	3.8	12
20	Atrial-Specific LKB1 Knockdown Represents a Novel Mouse Model of Atrial Cardiomyopathy With Spontaneous Atrial Fibrillation. <i>Circulation</i> , 2021, 144, 909-912.	1.6	10
21	Mitral surgical redo versus transapical transcatheter mitral valve implantation. <i>PLoS ONE</i> , 2021, 16, e0256569.	2.5	8
22	Early experience with the Impella pump: Single-center registry. <i>Artificial Organs</i> , 2022, 46, 1689-1694.	1.9	7
23	Safety and efficacy of a novel algorithm to guide decision-making in high-risk interventional coronary procedures. <i>International Journal of Cardiology</i> , 2020, 299, 87-92.	1.7	6
24	The Impact of Obesity on Left Ventricular Assist Device Outcomes. <i>Medicina (Lithuania)</i> , 2020, 56, 556.	2.0	6
25	Prediction of acute kidney injury after left ventricular assist device implantation: Evaluation of clinical risk scores. <i>Artificial Organs</i> , 2020, 44, 162-173.	1.9	5
26	Surgical redo mitral valve replacement in high-risk patients: The real-world experience. <i>Journal of Cardiac Surgery</i> , 2021, 36, 3195-3204.	0.7	5
27	Impact of severe mitral regurgitation on postoperative outcome after durable left-ventricular assist device implantation. <i>Artificial Organs</i> , 2022, 46, 953-963.	1.9	4
28	Influence of Sleep-Disordered Breathing on Quality of Life and Exercise Capacity in Lung Transplant Recipients. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1160, 25-33.	1.6	3
29	Cognitive Function After Lung Transplantation. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1324, 91-101.	1.6	3
30	Interferon regulatory factor 8 regulates expression of acid ceramidase and infection susceptibility in cystic fibrosis. <i>Journal of Biological Chemistry</i> , 2021, 296, 100650.	3.4	3
31	Transapical transcatheter mitral valve implantation in patients with degenerated mitral bioprostheses or failed ring annuloplasty. <i>Annals of Cardiothoracic Surgery</i> , 2021, 10, 674-682.	1.7	3
32	Inhaled sphingosine has no adverse side effects in isolated ventilated and perfused pig lungs. <i>Scientific Reports</i> , 2021, 11, 18607.	3.3	2
33	Decreased Hypercapnic Ventilatory Response in Long-Term Lung Transplant Recipients is Associated with Exercise Impairment. <i>Lung</i> , 2016, 194, 563-569.	3.3	1
34	Expression pattern of co-inhibitory molecules on CMV-specific T-cells in lung transplant patients. <i>Clinical Immunology</i> , 2019, 208, 108258.	3.2	1
35	Impact of normothermic ex vivo lung perfusion on early post-transplantation cytomegalovirus infection. <i>Journal of Thoracic Disease</i> , 2020, 12, 1350-1356.	1.4	1
36	Rescue extracorporeal life support as a bridge to durable left ventricular assist device. <i>International Journal of Artificial Organs</i> , 2021, , 039139882110538.	1.4	1