

# Robert F Padera

## List of Publications by Year in descending order

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79  
papers

8,664  
citations

117625  
34  
h-index

79698  
73  
g-index

80  
all docs

80  
docs citations

80  
times ranked

17981  
citing authors

#	ARTICLE	IF	CITATIONS
1	Persistence and Evolution of SARS-CoV-2 in an Immunocompromised Host. <i>New England Journal of Medicine</i> , 2020, 383, 2291-2293.	27.0	1,069
2	Dry double-sided tape for adhesion of wet tissues and devices. <i>Nature</i> , 2019, 575, 169-174.	27.8	798
3	Neuropathological Features of Covid-19. <i>New England Journal of Medicine</i> , 2020, 383, 989-992.	27.0	673
4	Loss of Bcl-6-Expressing T Follicular Helper Cells and Germinal Centers in COVID-19. <i>Cell</i> , 2020, 183, 143-157.e13.	28.9	599
5	Cardiac Positron Emission Tomography Enhances Prognostic Assessments of Patients With Suspected Cardiac Sarcoidosis. <i>Journal of the American College of Cardiology</i> , 2014, 63, 329-336.	2.8	572
6	COVID-19 tissue atlases reveal SARS-CoV-2 pathology and cellular targets. <i>Nature</i> , 2021, 595, 107-113.	27.8	537
7	Ex-vivo perfusion of donor hearts for human heart transplantation (PROCEED II): a prospective, open-label, multicentre, randomised non-inferiority trial. <i>Lancet, The</i> , 2015, 385, 2577-2584.	13.7	398
8	Loss of Lkb1 and Pten Leads to Lung Squamous Cell Carcinoma with Elevated PD-L1 Expression. <i>Cancer Cell</i> , 2014, 25, 590-604.	16.8	332
9	Cardiovascular toxicities associated with immune checkpoint inhibitors. <i>Cardiovascular Research</i> , 2019, 115, 854-868.	3.8	311
10	Increased neutrophil extracellular trap formation promotes thrombosis in myeloproliferative neoplasms. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	299
11	Myocarditis in the Setting of Cancer Therapeutics. <i>Circulation</i> , 2019, 140, 80-91.	1.6	278
12	In situ detection of SARS-CoV-2 in lungs and airways of patients with COVID-19. <i>Modern Pathology</i> , 2020, 33, 2104-2114.	5.5	257
13	Cartilage-penetrating nanocarriers improve delivery and efficacy of growth factor treatment of osteoarthritis. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	183
14	Coronary Microvascular Dysfunction Is Related to Abnormalities in Myocardial Structure and Function in Cardiac Amyloidosis. <i>JACC: Heart Failure</i> , 2014, 2, 358-367.	4.1	148
15	Accelerated Degeneration of a Bovine Pericardial Bioprosthetic Aortic Valve in Children and Young Adults. <i>Circulation</i> , 2014, 130, 51-60.	1.6	131
16	<sup>18</sup> F-Florbetapir Binds Specifically to Myocardial Light Chain and Transthyretin Amyloid Deposits. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, .	2.6	107
17	Prevention of lung cancer recurrence using cisplatin-loaded superhydrophobic nanofiber meshes. <i>Biomaterials</i> , 2016, 76, 273-281.	11.4	105
18	Multivesicular liposomal bupivacaine at the sciatic nerve. <i>Biomaterials</i> , 2014, 35, 4557-4564.	11.4	104

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19	Preliminary experience with porcine intestinal submucosa (CorMatrix) for valve reconstruction in congenital heart disease: Histologic evaluation of explanted valves. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 2216-2225.e1.	0.8	101
20	Endocarditis After Transcatheter Pulmonary Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2018, 72, 2717-2728.	2.8	101
21	Local Myotoxicity from Sustained Release of Bupivacaine from Microparticles. <i>Anesthesiology</i> , 2008, 108, 921-928.	2.5	96
22	Neuropathology of a Case With Fatal CAR T-Cell-Associated Cerebral Edema. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 877-882.	1.7	95
23	Increased concentration of circulating angiogenesis and nitric oxide inhibitors induces endothelial to mesenchymal transition and myocardial fibrosis in patients with chronic kidney disease. <i>International Journal of Cardiology</i> , 2014, 176, 99-109.	1.7	87
24	T cell checkpoint regulators in the heart. <i>Cardiovascular Research</i> , 2019, 115, 869-877.	3.8	70
25	Skeletal Muscle and Peripheral Nerve Histopathology in COVID-19. <i>Neurology</i> , 2021, 97, e849-e858.	1.1	70
26	Tetrodotoxin for prolonged local anesthesia with minimal myotoxicity. <i>Muscle and Nerve</i> , 2006, 34, 747-753.	2.2	65
27	Prevalence of Monoclonal Gammopathy in Wild-Type Transthyretin Amyloidosis. <i>Mayo Clinic Proceedings</i> , 2017, 92, 1800-1805.	3.0	55
28	FGF $\alpha$ 2/fibroblast growth factor receptor/heparin $\alpha$ like glycosaminoglycan interactions: a compensation model for FGF $\alpha$ 2 signaling. <i>FASEB Journal</i> , 1999, 13, 1677-1687.	0.5	54
29	Diagnostic Accuracy of Advanced Imaging in Cardiac Sarcoidosis. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008975.	2.6	54
30	The performance of expansile nanoparticles in a murine model of peritoneal carcinomatosis. <i>Biomaterials</i> , 2011, 32, 832-840.	11.4	51
31	Comparative immunologic characterization of autoimmune giant cell myocarditis with ipilimumab. <i>Oncolmmunology</i> , 2017, 6, e1361097.	4.6	50
32	Brief Report: In Search of a Candidate Pathogen for Giant Cell Arteritis: Sequencing $\alpha$ Based Characterization of the Giant Cell Arteritis Microbiome. <i>Arthritis and Rheumatology</i> , 2014, 66, 1939-1944.	5.6	45
33	Interstitial Lung Abnormalities Are Associated with Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 138-141.	5.6	44
34	A Postmortem Portrait of the Coronavirus Disease 2019 (COVID-19) Pandemic: A Large Multi-institutional Autopsy Survey Study. <i>Archives of Pathology and Laboratory Medicine</i> , 2021, 145, 529-535.	2.5	43
35	Prevention of nodal metastases in breast cancer following the lymphatic migration of paclitaxel-loaded expansile nanoparticles. <i>Biomaterials</i> , 2013, 34, 1810-1819.	11.4	39
36	Immune $\alpha$ related fulminant myocarditis in a patient receiving ipilimumab therapy for relapsed chronic myelomonocytic leukaemia. <i>European Journal of Heart Failure</i> , 2017, 19, 682-685.	7.1	39

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37	Temporal changes in T cell subsets and expansion of cytotoxic CD4+ T cells in the lungs in severe COVID-19. <i>Clinical Immunology</i> , 2022, 237, 108991.	3.2	36
38	Histopathology of Lung Disease in the Connective Tissue Diseases. <i>Rheumatic Disease Clinics of North America</i> , 2015, 41, 197-211.	1.9	35
39	Long-term outcomes after near-infrared sentinel lymph node mapping in non-small cell lung cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 1280-1291.	0.8	32
40	The axis of local cardiac endogenous Klotho-TGF- $\beta$ 1-Wnt signaling mediates cardiac fibrosis in human. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 136, 113-124.	1.9	32
41	Cytoreductive Surgery and Intraoperative Administration of Paclitaxel-loaded Expansile Nanoparticles Delay Tumor Recurrence in Ovarian Carcinoma. <i>Annals of Surgical Oncology</i> , 2013, 20, 1684-1693.	1.5	29
42	Thrombus on the inflow cannula of the HeartWare HVAD: an update. <i>Cardiovascular Pathology</i> , 2019, 38, 14-20.	1.6	29
43	Interferon-alpha or -beta facilitates SARS-CoV-2 pulmonary vascular infection by inducing ACE2. <i>Angiogenesis</i> , 2022, 25, 225-240.	7.2	27
44	Thrombus around the redesigned HeartWare HVAD inflow cannula: A pathologic case series. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 926-930.	0.6	26
45	Myocardial histopathology in late-repaired and unrepaired adults with tetralogy of Fallot. <i>Cardiovascular Pathology</i> , 2016, 25, 225-231.	1.6	26
46	Nanoparticle tumor localization, disruption of autophagosomal trafficking, and prolonged drug delivery improve survival in peritoneal mesothelioma. <i>Biomaterials</i> , 2016, 102, 175-186.	11.4	25
47	Synthesis of poly(1,2-glycerol carbonate)-paclitaxel conjugates and their utility as a single high-dose replacement for multi-dose treatment regimens in peritoneal cancer. <i>Chemical Science</i> , 2017, 8, 8443-8450.	7.4	23
48	Iatrogenic aortopulmonary communications after transcatheter interventions on the right ventricular outflow tract or pulmonary artery: Pathophysiologic, diagnostic, and management considerations. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 86, 438-452.	1.7	20
49	Two-Step Delivery: Exploiting the Partition Coefficient Concept to Increase Intratumoral Paclitaxel Concentrations In vivo Using Responsive Nanoparticles. <i>Scientific Reports</i> , 2016, 6, 18720.	3.3	20
50	The Loss of Bcl-6 Expressing T Follicular Helper Cells and the Absence of Germinal Centers in COVID-19. <i>SSRN Electronic Journal</i> , 2020, , 3652322.	0.4	20
51	Bronchoscopic Thermal Vapour Ablation for Localized Cancer Lesions of the Lung: A Clinical Feasibility Treat-and-Resect Study. <i>Respiration</i> , 2021, 100, 432-442.	2.6	19
52	The 2021 WHO Classification of Tumors of the Heart. <i>Journal of Thoracic Oncology</i> , 2022, 17, 510-518.	1.1	18
53	Heart failure therapies: new strategies for old treatments and new treatments for old strategies. <i>Cardiovascular Pathology</i> , 2016, 25, 503-511.	1.6	16
54	Biobanking and cryopreservation of human lung explants for omic analysis. <i>European Respiratory Journal</i> , 2020, 55, 1801635.	6.7	15

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55	Safety of inhaled hydrogen gas in healthy mice. Medical Gas Research, 2019, 9, 133.	2.3	15
56	Morphologic and histologic findings in bioprosthetic valves explanted from the mitral position in children younger than 5 years of age. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 746-752.	0.8	13
57	Investigating the Association of Giant Cell Arteritis with Varicella Zoster Virus in Temporal Artery Biopsies or Ascending Aortic Resections. Journal of Rheumatology, 2019, 46, 1614-1618.	2.0	13
58	Myocardial Induction of Type 3 Deiodinase in Dilated Cardiomyopathy. Thyroid, 2017, 27, 732-737.	4.5	11
59	A Novel Protective Role for Matrix Metalloproteinase-8 in the Pulmonary Vasculature. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 1433-1451.	5.6	11
60	Histology of Pericardial Tissue Substitutes Used in Congenital Heart Surgery. Pediatric and Developmental Pathology, 2016, 19, 383-388.	1.0	10
61	Reinforcement of polymeric nanoassemblies for ultra-high drug loadings, modulation of stiffness and release kinetics, and sustained therapeutic efficacy. Nanoscale, 2018, 10, 8360-8366.	5.6	10
62	Paclitaxel-loaded expansile nanoparticles improve survival following cytoreductive surgery in pleural mesothelioma xenografts. Journal of Thoracic and Cardiovascular Surgery, 2020, 160, e159-e168.	0.8	10
63	Multimodality imaging to distinguish between benign and malignant cardiac masses. Journal of Nuclear Cardiology, 2022, 29, 1504-1517.	2.1	10
64	Pathology of valved venous homografts used as right ventricle-to-pulmonary artery conduits in congenital heart disease surgery. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 342-350.e3.	0.8	8
65	Pulmonary endothelial NEDD9 and the prothrombotic pathophenotype of acute respiratory distress syndrome due to SARS-CoV-2 infection. Pulmonary Circulation, 2022, 12, .	1.7	8
66	True, true unrelated? Coexistence of Waldenström macroglobulinemia and cardiac transthyretin amyloidosis. Haematologica, 2018, 103, e374-e376.	3.5	6
67	Cause of Ascending Aortic Dilatation in Patients with Bicuspid Aortic Valves: The Final Link. Thoracic and Cardiovascular Surgeon, 2020, 68, 277-280.	1.0	6
68	Pathologic Evaluation of Cardiovascular Medical Devices. Surgical Pathology Clinics, 2012, 5, 497-521.	1.7	4
69	Association of activated vitamin D use with myocardial fibrosis and capillary supply: results of an autopsy study. Renal Failure, 2015, 37, 1067-1069.	2.1	4
70	Interstitial Pneumonitis and the Risk of Chronic Allograft Rejection in Lung Transplant Recipients. Chest, 2013, 143, 1430-1435.	0.8	2
71	Cardiovascular Medical Devices. , 2020, , 999-1032.		2
72	Reply to the Editor. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 1769-1770.	0.8	1

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73	Commentary from Dr. Robert Padera regarding thrombus on the inflow cannula of the heartware HVAD: An update. Cardiovascular Pathology, 2020, 48, 107220.	1.6	1
74	Thrombosis in Myeloproliferative Neoplasms Is Linked to Increased Neutrophil Extracellular Trap (NET) Formation. Blood, 2016, 128, 633-633.	1.4	1
75	Multimodality Imaging for the Assessment of Total Artificial Heart Function. Journal of the American College of Cardiology, 2014, 63, e7.	2.8	0
76	Enterovascular Fistula: An Under-Recognized Complication Related to Therapy for Esophageal Carcinoma. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2019, 29, 583-588.	1.0	0
77	Answer to August 2020 Photo Quiz. Journal of Clinical Microbiology, 2020, 58, .	3.9	0
78	Photo Quiz: Sudden Death. Journal of Clinical Microbiology, 2020, 58, .	3.9	0
79	Images in Vascular Medicine: Pulmonary embolism and acute aortic syndromes “Double trouble when vascular medicine emergencies meet. Vascular Medicine, 2021, , 1358863X2110296.	1.5	0