

Robert F Padera

List of Publications by Year in descending order

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79
papers

8,664
citations

117571

34
h-index

79644

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.	13.9	1,069
2	Dry double-sided tape for adhesion of wet tissues and devices. <i>Nature</i> , 2019, 575, 169-174.	13.7	798
3	Neuropathological Features of Covid-19. <i>New England Journal of Medicine</i> , 2020, 383, 989-992.	13.9	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.	13.5	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.	1.2	572
6	COVID-19 tissue atlases reveal SARS-CoV-2 pathology and cellular targets. <i>Nature</i> , 2021, 595, 107-113.	13.7	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</i> , The, 2015, 385, 2577-2584.	6.3	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.	7.7	332
9	Cardiovascular toxicities associated with immune checkpoint inhibitors. <i>Cardiovascular Research</i> , 2019, 115, 854-868.	1.8	311
10	Increased neutrophil extracellular trap formation promotes thrombosis in myeloproliferative neoplasms. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	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.	2.9	257
13	Cartilage-penetrating nanocarriers improve delivery and efficacy of growth factor treatment of osteoarthritis. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	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.	1.9	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	¹⁸ F-Florbetapir Binds Specifically to Myocardial Light Chain and Transthyretin Amyloid Deposits. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, .	1.3	107
17	Prevention of lung cancer recurrence using cisplatin-loaded superhydrophobic nanofiber meshes. <i>Biomaterials</i> , 2016, 76, 273-281.	5.7	105
18	Multivesicular liposomal bupivacaine at the sciatic nerve. <i>Biomaterials</i> , 2014, 35, 4557-4564.	5.7	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.	0.4	101
20	Endocarditis After Transcatheter Pulmonary Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2018, 72, 2717-2728.	1.2	101
21	Local Myotoxicity from Sustained Release of Bupivacaine from Microparticles. <i>Anesthesiology</i> , 2008, 108, 921-928.	1.3	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.	0.9	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.	0.8	87
24	T cell checkpoint regulators in the heart. <i>Cardiovascular Research</i> , 2019, 115, 869-877.	1.8	70
25	Skeletal Muscle and Peripheral Nerve Histopathology in COVID-19. <i>Neurology</i> , 2021, 97, e849-e858.	1.5	70
26	Tetrodotoxin for prolonged local anesthesia with minimal myotoxicity. <i>Muscle and Nerve</i> , 2006, 34, 747-753.	1.0	65
27	Prevalence of Monoclonal Gammopathy in Wild-Type Transthyretin Amyloidosis. <i>Mayo Clinic Proceedings</i> , 2017, 92, 1800-1805.	1.4	55
28	FGF β /fibroblast growth factor receptor/heparin α -like glycosaminoglycan interactions: a compensation model for FGF β signaling. <i>FASEB Journal</i> , 1999, 13, 1677-1687.	0.2	54
29	Diagnostic Accuracy of Advanced Imaging in Cardiac Sarcoidosis. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008975.	1.3	54
30	The performance of expansile nanoparticles in a murine model of peritoneal carcinomatosis. <i>Biomaterials</i> , 2011, 32, 832-840.	5.7	51
31	Comparative immunologic characterization of autoimmune giant cell myocarditis with ipilimumab. <i>Oncolmmunology</i> , 2017, 6, e1361097.	2.1	50
32	Brief Report: In Search of a Candidate Pathogen for Giant Cell Arteritis: Sequencing α -Based Characterization of the Giant Cell Arteritis Microbiome. <i>Arthritis and Rheumatology</i> , 2014, 66, 1939-1944.	2.9	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.	2.5	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.	1.2	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.	5.7	39
36	Immune α -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.	2.9	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.	1.4	36
38	Histopathology of Lung Disease in the Connective Tissue Diseases. <i>Rheumatic Disease Clinics of North America</i> , 2015, 41, 197-211.	0.8	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.	0.4	32
40	The axis of local cardiac endogenous Klotho-TGF- β 2-Wnt signaling mediates cardiac fibrosis in human. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 136, 113-124.	0.9	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.	0.7	29
42	Thrombus on the inflow cannula of the HeartWare HVAD: an update. <i>Cardiovascular Pathology</i> , 2019, 38, 14-20.	0.7	29
43	Interferon-alpha or -beta facilitates SARS-CoV-2 pulmonary vascular infection by inducing ACE2. <i>Angiogenesis</i> , 2022, 25, 225-240.	3.7	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.	0.3	26
45	Myocardial histopathology in late-repaired and unrepaired adults with tetralogy of Fallot. <i>Cardiovascular Pathology</i> , 2016, 25, 225-231.	0.7	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.	5.7	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.	3.7	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.	0.7	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.	1.6	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.	1.2	19
52	The 2021 WHO Classification of Tumors of the Heart. <i>Journal of Thoracic Oncology</i> , 2022, 17, 510-518.	0.5	18
53	Heart failure therapies: new strategies for old treatments and new treatments for old strategies. <i>Cardiovascular Pathology</i> , 2016, 25, 503-511.	0.7	16
54	Biobanking and cryopreservation of human lung explants for omic analysis. <i>European Respiratory Journal</i> , 2020, 55, 1801635.	3.1	15

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55	Safety of inhaled hydrogen gas in healthy mice. <i>Medical Gas Research</i> , 2019, 9, 133.	1.2	15
56	Morphologic and histologic findings in bioprosthetic valves explanted from the mitral position in children younger than 5 years of age. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 746-752.	0.4	13
57	Investigating the Association of Giant Cell Arteritis with Varicella Zoster Virus in Temporal Artery Biopsies or Ascending Aortic Resections. <i>Journal of Rheumatology</i> , 2019, 46, 1614-1618.	1.0	13
58	Myocardial Induction of Type 3 Deiodinase in Dilated Cardiomyopathy. <i>Thyroid</i> , 2017, 27, 732-737.	2.4	11
59	A Novel Protective Role for Matrix Metalloproteinase-8 in the Pulmonary Vasculature. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 1433-1451.	2.5	11
60	Histology of Pericardial Tissue Substitutes Used in Congenital Heart Surgery. <i>Pediatric and Developmental Pathology</i> , 2016, 19, 383-388.	0.5	10
61	Reinforcement of polymeric nanoassemblies for ultra-high drug loadings, modulation of stiffness and release kinetics, and sustained therapeutic efficacy. <i>Nanoscale</i> , 2018, 10, 8360-8366.	2.8	10
62	Paclitaxel-loaded expansile nanoparticles improve survival following cytoreductive surgery in pleural mesothelioma xenografts. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, e159-e168.	0.4	10
63	Multimodality imaging to distinguish between benign and malignant cardiac masses. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 1504-1517.	1.4	10
64	Pathology of valved venous homografts used as right ventricle-to-pulmonary artery conduits in congenital heart disease surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 342-350.e3.	0.4	8
65	Pulmonary endothelial NEDD9 and the prothrombotic pathophenotype of acute respiratory distress syndrome due to SARS-CoV-2 infection. <i>Pulmonary Circulation</i> , 2022, 12, .	0.8	8
66	True, true unrelated? Coexistence of Waldenström macroglobulinemia and cardiac transthyretin amyloidosis. <i>Haematologica</i> , 2018, 103, e374-e376.	1.7	6
67	Cause of Ascending Aortic Dilatation in Patients with Bicuspid Aortic Valves: The Final Link. <i>Thoracic and Cardiovascular Surgeon</i> , 2020, 68, 277-280.	0.4	6
68	Pathologic Evaluation of Cardiovascular Medical Devices. <i>Surgical Pathology Clinics</i> , 2012, 5, 497-521.	0.7	4
69	Association of activated vitamin D use with myocardial fibrosis and capillary supply: results of an autopsy study. <i>Renal Failure</i> , 2015, 37, 1067-1069.	0.8	4
70	Interstitial Pneumonitis and the Risk of Chronic Allograft Rejection in Lung Transplant Recipients. <i>Chest</i> , 2013, 143, 1430-1435.	0.4	2
71	Cardiovascular Medical Devices. , 2020, , 999-1032.		2
72	Reply to the Editor. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 1769-1770.	0.4	1

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73	Commentary from Dr. Robert Padera regarding thrombus on the inflow cannula of the heartware HVAD: An update. <i>Cardiovascular Pathology</i> , 2020, 48, 107220.	0.7	1
74	Thrombosis in Myeloproliferative Neoplasms Is Linked to Increased Neutrophil Extracellular Trap (NET) Formation. <i>Blood</i> , 2016, 128, 633-633.	0.6	1
75	Multimodality Imaging for the Assessment of Total Artificial Heart Function. <i>Journal of the American College of Cardiology</i> , 2014, 63, e7.	1.2	0
76	Enterovascular Fistula: An Under-Recognized Complication Related to Therapy for Esophageal Carcinoma. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2019, 29, 583-588.	0.5	0
77	Answer to August 2020 Photo Quiz. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	1.8	0
78	Photo Quiz: Sudden Death. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	1.8	0
79	Images in Vascular Medicine: Pulmonary embolism and acute aortic syndromes “ Double trouble when vascular medicine emergencies meet. <i>Vascular Medicine</i> , 2021, , 1358863X2110296.	0.8	0