

Robert Wagner

List of Publications by Year in descending order

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31
papers

3,475
citations

331538

21
h-index

434063

31
g-index

33
all docs

33
docs citations

33
times ranked

5296
citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid-crystalline semiconducting polymers with high charge-carrier mobility. <i>Nature Materials</i> , 2006, 5, 328-333.	13.3	2,001
2	Pig kidney graft survival in a baboon for 136 days: longest life-supporting organ graft survival to date. <i>Xenotransplantation</i> , 2015, 22, 302-309.	1.6	180
3	The Innate Immune Response and Activation of Coagulation in α 1,3-Galactosyltransferase Gene-Knockout Xenograft Recipients. <i>Transplantation</i> , 2009, 87, 805-812.	0.5	135
4	RANAVIRUS INFECTION OF FREE-RANGING AND CAPTIVE BOX TURTLES AND TORTOISES IN THE UNITED STATES. <i>Journal of Wildlife Diseases</i> , 2008, 44, 851-863.	0.3	134
5	Pig-to-baboon heterotopic heart transplantation – exploratory preliminary experience with pigs transgenic for human thrombomodulin and comparison of three costimulation blockade-based regimens. <i>Xenotransplantation</i> , 2015, 22, 211-220.	1.6	95
6	Myocardial injury is decreased by late remote ischaemic preconditioning and aggravated by tramadol in patients undergoing cardiac surgery: a randomised controlled trial. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2010, 11, 758-762.	0.5	84
7	Soil microbial responses to drought and exotic plants shift carbon metabolism. <i>ISME Journal</i> , 2019, 13, 1776-1787.	4.4	80
8	Remote ischaemic preconditioning in coronary artery bypass surgery: a meta-analysis. <i>Heart</i> , 2012, 98, 1267-1271.	1.2	74
9	Long-term follow-up of ¹¹¹ In-capromab pendetide (ProstaScint) scan as pretreatment assessment in patients who undergo salvage radiotherapy for rising prostate-specific antigen after radical prostatectomy for prostate cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 67, 834-840.	0.4	57
10	Influence of temperature on the molecular composition of ions and charged clusters during pure biogenic nucleation. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 65-79.	1.9	56
11	Observation of viscosity transition in α -pinene secondary organic aerosol. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 4423-4438.	1.9	55
12	What role do fat cells play in pancreatic tissue?. <i>Molecular Metabolism</i> , 2019, 25, 1-10.	3.0	52
13	Formation of Highly Oxygenated Organic Molecules from α -Pinene Ozonolysis: Chemical Characteristics, Mechanism, and Kinetic Model Development. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 873-883.	1.2	52
14	The role of ions in new particle formation in the CLOUD chamber. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 15181-15197.	1.9	50
15	Linking Remote Sensing and Geodiversity and Their Traits Relevant to Biodiversity – Part I: Soil Characteristics. <i>Remote Sensing</i> , 2019, 11, 2356.	1.8	46
16	Long-term environmental monitoring infrastructures in Europe: observations, measurements, scales, and socio-ecological representativeness. <i>Science of the Total Environment</i> , 2018, 624, 968-978.	3.9	45
17	Comparison of hematologic, biochemical, and coagulation parameters in α 1,3-galactosyltransferase gene-knockout pigs, wild-type pigs, and four primate species. <i>Xenotransplantation</i> , 2012, 19, 342-354.	1.6	42
18	Severe heart failure and the need for mechanical circulatory support and heart transplantation in pediatric patients with myocarditis: Results from the prospective multicenter registry – MYKKE. <i>Pediatric Transplantation</i> , 2019, 23, e13548.	0.5	35

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19	Microbial community structure and soil p<scp>H</scp> correspond to methane production in <scp>A</scp>rctic <scp>A</scp>laska soils. Environmental Microbiology, 2017, 19, 3398-3410.	1.8	33
20	Advanced Diagnostic Approaches and Current Management of Thyroid Pathologies in Guinea Pigs. Veterinary Clinics of North America - Exotic Animal Practice, 2010, 13, 509-523.	0.4	29
21	T-Cell-Based Immunosuppressive Therapy Inhibits the Development of Natural Antibodies in Infant Baboons. Transplantation, 2012, 93, 769-776.	0.5	25
22	Effect of Premixed Fuel Preparation for Partially Premixed Combustion With a Low Octane Gasoline on a Light-Duty Multicylinder Compression Ignition Engine. Journal of Engineering for Gas Turbines and Power, 2015, 137, .	0.5	25
23	Imagine All the Plants: Evaluation of a Light-Field Camera for On-Site Crop Growth Monitoring. Remote Sensing, 2016, 8, 823.	1.8	20
24	Effectiveness of Simulatorâ€Based Echocardiography Training of Noncardiologists in Congenital Heart Diseases. Echocardiography, 2013, 30, 693-698.	0.3	18
25	Use of recombinant human thyroid-stimulating hormone for evaluation of thyroid function in guinea pigs (Cavia porcellus). Journal of the American Veterinary Medical Association, 2013, 242, 346-349.	0.2	12
26	Use of recombinant human thyroid-stimulating hormone for thyrotropin stimulation testing in euthyroid ferrets. Journal of the American Veterinary Medical Association, 2013, 243, 1432-1435.	0.2	9
27	Automated in Situ Oxygen Profiling at Aquaticâ€Terrestrial Interfaces. Environmental Science & Technology, 2017, 51, 9970-9978.	4.6	9
28	Babesia as a complication of immunosuppression following pig-to-baboon heart transplantation. Xenotransplantation, 2007, 14, 162-165.	1.6	6
29	Ibuprofen or diclofenac is associated with more severe acute kidney injury in nephropathia epidemica. Scandinavian Journal of Urology and Nephrology, 2012, 46, 65-69.	1.4	6
30	Mobile Monitoringâ€Open-Source Based Optical Sensor System for Service-Oriented Turbidity and Dissolved Organic Matter Monitoring. Frontiers in Earth Science, 2019, 7, .	0.8	5
31	Research in Progress: Implementation of an Integrated Data Model for an Improved Monitoring of Environmental Processes. Lecture Notes in Business Information Processing, 2017, , 332-339.	0.8	5