Caleb Phillips

List of Publications by Year
in descending order

		840776	677142
32 papers	**923** citations	**11** h-index	**22** g-index
37 all docs	**37** docs citations	**37** times ranked	**1101** citing authors

#	Article	IF	Citations
1	A Survey of Wireless Path Loss Prediction and Coverage Mapping Methods. IEEE Communications Surveys and Tutorials, 2013, 15, 255-270.	39.4	232
2	An open experimental database for exploring inorganic materials. Scientific Data, 2018, 5, 180053.	5.3	121
3	Bounding the error of path loss models. , 2011, , .		101
4	Practical radio environment mapping with geostatistics. , 2012, , .		98
5	Message-passing neural networks for high-throughput polymer screening. Journal of Chemical Physics, 2019, 150, 234111.	3.0	63
6	Caudal Edge of the Liver in the Right Upper Quadrant (RUQ) View Is the Most Sensitive Area for Free Fluid on the FAST Exam. Western Journal of Emergency Medicine, 2017, 18, 270-280.	1.1	37
7	Understanding the Sustainability of Retail Food Recovery. PLoS ONE, 2013, 8, e75530.	2.5	28
8	Altitude Sickness Prevention with Ibuprofen Relative to Acetazolamide. American Journal of Medicine, 2019, 132, 247-251.	1.5	24
9	Budesonide Versus Acetazolamide for Prevention of Acute Mountain Sickness. American Journal of Medicine, 2018, 131, 200.e9-200.e16.	1.5	23
10	Day of Ascent Dosing of Acetazolamide for Prevention of Acute Mountain Sickness. High Altitude Medicine and Biology, 2019, 20, 271-278.	0.9	20
11	Research data infrastructure for high-throughput experimental materials science. Patterns, 2021, 2, 100373.	5.9	19
12	Diagnostic Models for Wind Turbine Gearbox Components Using SCADA Time Series Data. , 2018, , .		18
13	The impact of directional antenna models on simulation accuracy. , 2009, , .		16
14	Snakebites and climate change in California, 1997–2017. Clinical Toxicology, 2019, 57, 168-174.	1.9	16
15	Interstitial Pulmonary Edema Assessed by Lung Ultrasound on Ascent to High Altitude and Slight Association with Acute Mountain Sickness: A Prospective Observational Study. High Altitude Medicine and Biology, 2019, 20, 150-156.	0.9	13
16	Optimization Decomposition for Scheduling and System Configuration in Wireless Networks. IEEE/ACM Transactions on Networking, 2014, 22, 271-284.	3.8	12
17	A data mining approach to estimating rooftop photovoltaic potential in the US. Journal of Applied Statistics, 2019, 46, 385-394.	1.3	11
18	A Randomized Controlled Trial of the Lowest Effective Dose of Acetazolamide for Acute Mountain Sickness Prevention. American Journal of Medicine, 2020, 133, e706-e715.	1.5	11

#	Article	IF	Citations
19	Route optimization for energy efficient airport shuttle operations â€" A case study from Dallas Fort worth International Airport. Journal of Air Transport Management, 2021, 94, 102077.	4.5	9
20	Scalable Wind Turbine Generator Bearing Fault Prediction Using Machine Learning: A Case Study. , 2020, , .		8
21	Modeling environmental effects on directionality in wireless networks. , 2009, , .		7
22	Prediction and characterization of application power use in a highâ€performance computing environment. Statistical Analysis and Data Mining, 2017, 10, 155-165.	2.8	5
23	An Open Combinatorial Diffraction Dataset Including Consensus Human and Machine Learning Labels with Quantified Uncertainty for Training New Machine Learning Models. Integrating Materials and Manufacturing Innovation, 2021, 10, 311-318.	2.6	5
24	Predictive Capacity of Pulmonary Function Tests for Acute Mountain Sickness. High Altitude Medicine and Biology, 2021, 22, 193-200.	0.9	4
25	Older Age as a Predictive Risk Factor for Acute Mountain Sickness. American Journal of Medicine, 2022, 135, 386-392.e1.	1.5	4
26	A modeling framework for designing and evaluating curbside traffic management policies at Dallas-Fort Worth International Airport. Transportation Research, Part A: Policy and Practice, 2021, 153, 130-150.	4.2	3
27	Validation of wind resource and energy production simulations for small wind turbines in the United States. Wind Energy Science, 2022, 7, 659-676.	3.3	3
28	ASPIRES: Airport Shuttle Planning and Improved Routing Event-driven Simulation. Transportation Research Record, 0, , 036119812210957.	1.9	2
29	Joint Modeling of Access Mode and Parking Choice of Air Travelers Using Revealed Preference Data. Transportation Research Record, 2021, 2675, 699-713.	1.9	1
30	Techniques for simulation of realistic infrastructure wireless network traffic. , 2009, , .		0
31	The Reply. American Journal of Medicine, 2021, 134, e231-e232.	1.5	0
32	Evaluation of obstacle modelling approaches for resource assessment and small wind turbine siting: case study in the northern Netherlands. Wind Energy Science, 2022, 7, 1153-1169.	3.3	0