

# Bryn Ll Jones

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

396  
citations

758635

12  
h-index

887659

17  
g-index

26  
all docs

26  
docs citations

26  
times ranked

328  
citing authors

#	ARTICLE	IF	CITATIONS
1	Harnessing Erebus volcano's thermal energy to power year-round monitoring. Antarctic Science, 2021, 33, 73-80.	0.5	4
2	Accurate prediction of machining feedrate and cycle times considering interpolator dynamics. International Journal of Advanced Manufacturing Technology, 2021, 116, 417-438.	1.5	19
3	A Spatiotemporal Estimation Framework for Real-World LIDAR Wind Speed Measurements. IEEE Transactions on Control Systems Technology, 2020, 28, 1595-1602.	3.2	6
4	Characterization, Simulation and Control of a Soft Helical Pneumatic Implantable Robot for Tissue Regeneration. IEEE Transactions on Medical Robotics and Bionics, 2020, 2, 94-103.	2.1	19
5	Estimation and Control of Wind Turbine Tower Vibrations Based on Individual Blade-Pitch Strategies. IEEE Transactions on Control Systems Technology, 2019, 27, 1820-1828.	3.2	23
6	A survey of good practice in control education. European Journal of Engineering Education, 2018, 43, 801-823.	1.5	46
7	Overcoming fundamental limitations of wind turbine individual blade pitch control with inflow sensors. Wind Energy, 2018, 21, 922-936.	1.9	12
8	Fundamental performance similarities between individual pitch control strategies for wind turbines. International Journal of Control, 2017, 90, 37-52.	1.2	28
9	Sea-surface reconstruction for surface marine vehicles: A matrix completion approach. , 2016, , .		0
10	SWEM: A multiphysics sea-surface simulation environment. , 2016, , .		0
11	Predictive control design on an embedded robust output-feedback compensator for wind turbine blade-pitch preview control. , 2016, , .		2
12	Real-time wind field reconstruction from LiDAR measurements using a dynamic wind model and state estimation. Wind Energy, 2016, 19, 133-150.	1.9	52
13	Passivity-based output-feedback control of turbulent channel flow. Automatica, 2016, 69, 348-355.	3.0	18
14	Discretising the linearised navier-stokes equations: A systems theory approach. , 2016, , .		0
15	Modelling for robust feedback control of fluid flows. Journal of Fluid Mechanics, 2015, 769, 687-722.	1.4	24
16	Analysis and design of Coleman transform-based individual pitch controllers for wind turbine load reduction. Wind Energy, 2015, 18, 1451-1468.	1.9	49
17	Wind turbine gust estimation using remote sensing data. , 2014, , .		1
18	Passivity-based feedback control of a channel flow for drag reduction. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
19	Development of a Low-cost, Portable Hardware Platform to Support Hands-on Learning in the Teaching of Control and Systems Theory. <i>Engineering Education</i> , 2014, 9, 62-73.	0.3	12
20	Tradition and Technology: Sea Ice Science on Inuit Sleds. <i>Eos</i> , 2011, 92, 1-4.	0.1	3
21	Flow Estimation of Boundary Layers Using Wall Shear Information. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 13813-13818.	0.4	0
22	An efficient algorithm for the solution of a coupled Sylvester equation appearing in descriptor systems. <i>Automatica</i> , 2011, 47, 244-248.	3.0	33
23	Flow estimation of boundary layers using DNS-based wall shear information. <i>International Journal of Control</i> , 2011, 84, 1310-1325.	1.2	12
24	When is the discretization of a spatially distributed system good enough for control?. <i>Automatica</i> , 2010, 46, 1462-1468.	3.0	26
25	A modeling and filtering framework for the semi-discretised Navier-Stokes equations. , 2009, , .		4
26	When is the discretization of a PDE good enough for control?. , 2009, , .		2