Markus Mueller

List of Publications by Year
in descending order

31 papers	922 citations	623734 14 h-index	580821 25 g-index
32 all docs	32 docs citations	32 times ranked	1066 citing authors

#	Article	IF	Citations
1	Determinants of Volunteering Within a Social Housing Community. Voluntas, 2022, 33, 188-200.	1.7	5
2	Modelling mould growth in domestic environments using relative humidity and temperature. Building and Environment, 2022, 208, 108583.	6.9	14
3	High Temperature Superconducting Flux Pumps for Contactless Energization. Crystals, 2022, 12, 766.	2.2	20
4	Fostering Engagement With Health and Housing Innovation: Development of Participant Personas in a Social Housing Cohort. JMIR Public Health and Surveillance, 2021, 7, e25037.	2.6	9
5	Alternating Current Loss of Superconductors Applied to Superconducting Electrical Machines. Energies, 2021, 14, 2234.	3.1	34
6	Changes in Domestic Energy and Water Usage during the UK COVID-19 Lockdown Using High-Resolution Temporal Data. International Journal of Environmental Research and Public Health, 2021, 18, 6818.	2.6	26
7	Comparative assessment of control strategies for the biradial turbine in the Mutriku OWC plant. Renewable Energy, 2020, 146, 2766-2784.	8.9	24
8	A Smart Energy Management System for Battery-Supercapacitor in Electric Vehicles based on the Discrete Wavelet Transform and Deep Learning. , 2020, , .		3
9	Demarcation Currents and Corner Field for Dynamic Resistance of HTS-Coated Conductors. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.7	7
10	Modular and stackable power generators for efficient renewable power generation. IET Renewable Power Generation, 2019, 13, 2774-2782.	3.1	7
11	Mass reduction of superconducting power generators for large wind turbines. Journal of Engineering, 2019, 2019, 3972-3975.	1.1	5
12	Inferring transient dynamics of human populations from matrix non€normality. Population Ecology, 2018, 60, 185-196.	1.2	6
13	Introducing a localised spatio-temporal LCI method with wheat production as exploratory case study. Journal of Cleaner Production, 2017, 140, 492-501.	9.3	25
14	Introduction of a spatiotemporal Life Cycle Inventory method using a wind energy example. Energy Procedia, 2017, 142, 3035-3040.	1.8	8
15	Simple Adaptive Control for Positive Linear Systems with Applications to Pest Management. SIAM Journal on Applied Mathematics, 2016, 76, 238-275.	1.8	11
16	Robust set-point regulation for ecological models with multiple management goals. Journal of Mathematical Biology, 2016, 72, 1467-1529.	1.9	5
17	A Numerical and Graphical Review of Energy Storage Technologies. Energies, 2015, 8, 172-216.	3.1	219
18	Convergent systems vs. incremental stability. Systems and Control Letters, 2013, 62, 277-285.	2.3	67

#	Article	IF	Citations
19	Impact of varying clearances for the Wells turbine on heat transfer from electrical generators in oscillating water columns. , 2013, , .		2
20	Funnel Control for Systems with Relative Degree Two. SIAM Journal on Control and Optimization, 2013, 51, 965-995.	2.1	95
21	Optimisation tools for large permanent magnet generators for direct drive wind turbines. IET Renewable Power Generation, 2013, 7, 163-171.	3.1	27
22	Wave energy converter control by wave prediction and dynamic programming. Renewable Energy, 2012, 48, 392-403.	8.9	136
23	Robustness of funnel control in the gap metric. , 2010, , .		0
24	Linear generator for direct drive wave energy applications. , 2010, , .		9
25	Robustness of Funnel Control in the Gap Metric. SIAM Journal on Control and Optimization, 2010, 48, 3169-3190.	2.1	8
26	Research within the EPSRC supergen marine energy consortium and the UKERC R&D roadmap for wave and tidal current energy. , 2009, , .		1
27	Normal form for linear systems with respect to its vector relative degree. Linear Algebra and Its Applications, 2009, 430, 1292-1312.	0.9	31
28	Robust Stabilization by Linear Output Delay Feedback. SIAM Journal on Control and Optimization, 2009, 48, 2533-2561.	2.1	23
29	Robustness of λ-tracking and funnel control in the gap metric. , 2009, , .		2
30	Robustness of $lambda$-Tracking in the Gap Metric. SIAM Journal on Control and Optimization, 2008, 47, 2724-2744.	2.1	8
31	Time-Varying Linear Systems: Relative Degree and Normal Form. IEEE Transactions on Automatic Control, 2007, 52, 840-851.	5.7	85