

# Hannes Gernandt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1131849/publications.pdf>

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11  
papers

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citations

1684188

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1720034

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g-index

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#	ARTICLE	IF	CITATIONS
1	A Calderón type inverse problem for tree graphs. <i>Linear Algebra and Its Applications</i> , 2022, 646, 29-42.	0.9	3
2	A Linear Relation Approach to Port-Hamiltonian Differential-Algebraic Equations. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2021, 42, 1011-1044.	1.4	9
3	On the stability of port-Hamiltonian descriptor systems. <i>IFAC-PapersOnLine</i> , 2021, 54, 137-142.	0.9	2
4	Modeling and parameter identification for real-time temperature controlled retinal laser therapies. <i>Automatisierungstechnik</i> , 2020, 68, 953-966.	0.8	7
5	Schur reduction of trees and extremal entries of the Fiedler vector. <i>Linear Algebra and Its Applications</i> , 2019, 570, 93-122.	0.9	5
6	Locating the extremal entries of the Fiedler vector for rose trees. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2019, 19, e201900408.	0.2	0
7	The gap distance to the set of singular matrix pencils. <i>Linear Algebra and Its Applications</i> , 2019, 564, 28-57.	0.9	7
8	Eigenvalue Placement for Regular Matrix Pencils with Rank One Perturbations. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2017, 38, 134-154.	1.4	19
9	A new method for network redesign via rank one updates. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2017, 17, 857-858.	0.2	0
10	A new bound for the distance to singularity of a regular matrix pencil. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2017, 17, 863-864.	0.2	2
11	On the parametric eigenvalue behavior of matrix pencils under rank one perturbations. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2016, 16, 873-874.	0.2	1