

# Alessandro Pugliese

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

76  
citations

1478505

6  
h-index

1474206

9  
g-index

16  
all docs

16  
docs citations

16  
times ranked

37  
citing authors

#	ARTICLE	IF	CITATIONS
1	Takagi Factorization of Matrices Depending on Parameters and Locating Degeneracies of Singular Values. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2022, 43, 1148-1161.	1.4	1
2	A note on the Kuramoto-Sivashinsky equation with discontinuity. <i>Mathematics in Engineering</i> , 2021, 3, 1-29.	0.9	1
3	Coalescing points for eigenvalues of banded matrices depending on parameters with application to banded random matrix functions. <i>Numerical Algorithms</i> , 2019, 80, 1241-1266.	1.9	2
4	Computation of Smooth Manifolds Via Rigorous Multi-parameter Continuation in Infinite Dimensions. <i>Foundations of Computational Mathematics</i> , 2016, 16, 531-575.	2.5	15
5	Blow-up profile for solutions of a fourth order nonlinear equation. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2015, 121, 280-335.	1.1	9
6	Hermitian matrices of three parameters: perturbing coalescing eigenvalues and a numerical method. <i>Mathematics of Computation</i> , 2015, 84, 2763-2790.	2.1	0
7	A Novel Model-based Dewarping Technique for Advanced Digital Library Systems. <i>Procedia Computer Science</i> , 2014, 38, 108-115.	2.0	0
8	Continuous Decompositions and Coalescing Eigenvalues for Matrices Depending on Parameters. <i>Lecture Notes in Mathematics</i> , 2014, , 173-264.	0.2	0
9	Approximating Coalescing Points for Eigenvalues of Hermitian Matrices of Three Parameters. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2013, 34, 519-541.	1.4	9
10	Hermitian matrices depending on three parameters: Coalescing eigenvalues. <i>Linear Algebra and Its Applications</i> , 2012, 436, 4120-4142.	0.9	10
11	Locating coalescing singular values of large two-parameter matrices. <i>Mathematics and Computers in Simulation</i> , 2011, 81, 996-1005.	4.4	3
12	Two-Parameter SVD: Coalescing Singular Values and Periodicity. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2009, 31, 375-403.	1.4	13
13	Singular values of two-parameter matrices: an algorithm to accurately find their intersections. <i>Mathematics and Computers in Simulation</i> , 2008, 79, 1255-1269.	4.4	13
14	Numerical methods for computing SVD in the D-orthogonal group. <i>Future Generation Computer Systems</i> , 2006, 22, 423-429.	7.5	0
15	Decompositions and coalescing eigenvalues of symmetric definite pencils depending on parameters. <i>Numerical Algorithms</i> , 0, , .	1.9	0