

# Akash Anand

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

116  
citations

1307594

7  
h-index

1281871

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

70  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectral Galerkin boundary element methods for high-frequency sound-hard scattering problems. <i>Numerische Mathematik</i> , 2022, 150, 803.	1.9	0
2	A fast rapidly convergent method for approximation of convolutions with applications to wave scattering and some other problems. <i>Journal of Computational Physics</i> , 2022, 459, 111119.	3.8	0
3	The Cauchy dual subnormality problem for cyclic 2-isometries. <i>Advances in Operator Theory</i> , 2020, 5, 1061-1077.	0.6	2
4	Trefftz Finite Elements on Curvilinear Polygons. <i>SIAM Journal of Scientific Computing</i> , 2020, 42, A1289-A1316.	2.8	11
5	Galerkin Boundary Element Methods for High-Frequency Multiple-Scattering Problems. <i>Journal of Scientific Computing</i> , 2020, 83, 1.	2.3	10
6	A solution to the Cauchy dual subnormality problem for 2-isometries. <i>Journal of Functional Analysis</i> , 2019, 277, 108292.	1.4	21
7	Improved convergence of fast integral equation solvers for acoustic scattering by inhomogeneous penetrable media with discontinuous material interface. <i>Journal of Computational Physics</i> , 2019, 376, 767-785.	3.8	3
8	A Nyström-based finite element method on polygonal elements. <i>Computers and Mathematics With Applications</i> , 2018, 75, 3971-3986.	2.7	8
9	A Moment Problem and Joint $q$ -Isometry Tuples. <i>Complex Analysis and Operator Theory</i> , 2017, 11, 785-810.	0.6	8
10	Module tensor product of subnormal modules need not be subnormal. <i>Journal of Functional Analysis</i> , 2017, 272, 4752-4761.	1.4	3
11	An efficient high-order Nyström scheme for acoustic scattering by inhomogeneous penetrable media with discontinuous material interface. <i>Journal of Computational Physics</i> , 2016, 311, 258-274.	3.8	8
12	Contact of a Rigid Cylindrical Punch with an Adhesive Elastic Layer. <i>Journal of Adhesion</i> , 2012, 88, 1-31.	3.0	8
13	Analysis of multiple scattering iterations for high-frequency scattering problems. II: The three-dimensional scalar case. <i>Numerische Mathematik</i> , 2010, 114, 373-427.	1.9	28
14	An efficient high-order algorithm for acoustic scattering from penetrable thin structures in three dimensions. <i>Journal of the Acoustical Society of America</i> , 2007, 121, 2503-2514.	1.1	6