

# Jeffrey Galkowski

## List of Publications by Year in descending order

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31  
papers

643  
citations

1307594

7  
h-index

580821

25  
g-index

31  
all docs

31  
docs citations

31  
times ranked

962  
citing authors

#	ARTICLE	IF	CITATIONS
1	Semiclassical Resolvent Bounds for Long-Range Lipschitz Potentials. International Mathematics Research Notices, 2022, 2022, 14134-14150.	1.0	5
2	On non-diffractive cones. Journal of Differential Geometry, 2022, 120, .	1.1	0
3	Viscosity Limits for Zeroth-Order Pseudodifferential Operators. Communications on Pure and Applied Mathematics, 2022, 75, 1798-1869.	3.1	3
4	Outgoing Solutions Via Gevrey-2 Properties. Annals of PDE, 2021, 7, 1.	1.8	6
5	Analytic hypoellipticity of Keldysh operators. Proceedings of the London Mathematical Society, 2021, 123, 498-516.	1.3	2
6	Lower bounds for Cauchy data on curves in a negatively curved surface. Israel Journal of Mathematics, 2021, 244, 971-1000.	0.8	0
7	Eigenvalues of the Truncated Helmholtz Solution Operator under Strong Trapping. SIAM Journal on Mathematical Analysis, 2021, 53, 6724-6770.	1.9	5
8	Domains Without Dense Steklov Nodal Sets. Journal of Fourier Analysis and Applications, 2020, 26, 1.	1.0	3
9	Optimal constants in nontrapping resolvent estimates and applications in numerical analysis. Pure and Applied Analysis, 2020, 2, 157-202.	1.1	21
10	Pointwise Bounds for Joint Eigenfunctions of Quantum Completely Integrable Systems. Communications in Mathematical Physics, 2020, 375, 915-947.	2.2	7
11	Control from an interior hypersurface. Transactions of the American Mathematical Society, 2020, 373, 3177-3233.	0.9	1
12	Eigenfunction concentration via geodesic beams. Journal Fur Die Reine Und Angewandte Mathematik, 2020, .	0.9	9
13	Wavenumber-explicit analysis for the Helmholtz h-BEM: error estimates and iteration counts for the Dirichlet problem. Numerische Mathematik, 2019, 142, 329-357.	1.9	17
14	Wavenumber-Explicit Regularity Estimates on the Acoustic Single- and Double-Layer Operators. Integral Equations and Operator Theory, 2019, 91, 1.	0.8	6
15	The quantum Sabine law for resonances in transmission problems. Pure and Applied Analysis, 2019, 1, 27-100.	1.1	6
16	Pointwise Bounds for Steklov Eigenfunctions. Journal of Geometric Analysis, 2019, 29, 142-193.	1.0	9
17	On the growth of eigenfunction averages: Microlocalization and geometry. Duke Mathematical Journal, 2019, 168, .	1.5	9
18	Defect measures of eigenfunctions with maximal $L^\infty$ growth. Annales De L'Institut Fourier, 2019, 69, 1757-1798.	0.6	8

#	ARTICLE	IF	CITATIONS
19	Averages of Eigenfunctions Over Hypersurfaces. Communications in Mathematical Physics, 2018, 360, 619-637.	2.2	13
20	Eigenfunction scarring and improvements in L <sup>∞</sup> bounds. Analysis and PDE, 2018, 11, 801-812.	1.4	8
21	Arbitrarily small perturbations of Dirichlet Laplacians are quantum unique ergodic. Journal of Spectral Theory, 2018, 8, 909-947.	0.8	1
22	A microlocal approach to eigenfunction concentration. Journal of Partial Differential Equations, 2018, 1-14.	0.2	2
23	A Quantitative Vainberg Method for Black Box Scattering. Communications in Mathematical Physics, 2017, 349, 527-549.	2.2	7
24	Fractal Weyl laws and wave decay for general trapping. Nonlinearity, 2017, 30, 4301-4343.	1.4	2
25	Resonances for thin barriers on the circle. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 125205.	2.1	5
26	The $L^2$ behavior of eigenfunctions near the glancing set. Communications in Partial Differential Equations, 2016, 41, 1619-1648.	2.2	4
27	Pseudospectra of semiclassical boundary value problems. Journal of the Institute of Mathematics of Jussieu, 2015, 14, 405-449.	0.7	0
28	Restriction Bounds for the Free Resolvent and Resonances in Lossy Scattering. International Mathematics Research Notices, 2015, 2015, 7473-7509.	1.0	22
29	Quantum ergodicity for a class of mixed systems. Journal of Spectral Theory, 2014, 4, 65-85.	0.8	4
30	Nonlinear Instability in a Semiclassical Problem. Communications in Mathematical Physics, 2012, 316, 705-722.	2.2	3
31	Synthesis of Size-Controlled and Shaped Copper Nanoparticles. Langmuir, 2007, 23, 5740-5745.	3.5	455