

# Mikhail Karpukhin

## List of Publications by Year in descending order

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13  
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#	ARTICLE	IF	CITATIONS
1	Laplace and Steklov Extremal Metrics via n-Harmonic Maps. <i>Journal of Geometric Analysis</i> , 2022, 32, 1.	1.0	7
2	The first eigenvalue of the Laplacian on orientable surfaces. <i>Mathematische Zeitschrift</i> , 2022, 301, 2733-2746.	0.9	2
3	Index of minimal spheres and isoperimetric eigenvalue inequalities. <i>Inventiones Mathematicae</i> , 2021, 223, 335-377.	2.5	16
4	On the Friedlander–Nadirashvili invariants of surfaces. <i>Mathematische Annalen</i> , 2021, 379, 1767-1805.	1.4	0
5	An isoperimetric inequality for Laplace eigenvalues on the sphere. <i>Journal of Differential Geometry</i> , 2021, 118, .	1.1	16
6	Continuity of eigenvalues and shape optimisation for Laplace and Steklov problems. <i>Geometric and Functional Analysis</i> , 2021, 31, 513-561.	1.8	11
7	On branched minimal immersions of surfaces by first eigenfunctions. <i>Annals of Global Analysis and Geometry</i> , 2019, 56, 667-690.	0.6	10
8	On the Yang–Yau inequality for the first Laplace eigenvalue. <i>Geometric and Functional Analysis</i> , 2019, 29, 1864-1885.	1.8	11
9	Conformally maximal metrics for Laplace eigenvalues on surfaces. <i>Journal of Differential Geometry</i> , 2019, 24, 205-256.	1.0	9
10	Spectral Properties of a Family of Minimal Tori of Revolution in the Five-dimensional Sphere. <i>Canadian Mathematical Bulletin</i> , 2015, 58, 285-296.	0.5	7
11	Spectral properties of bipolar surfaces to Otsuki tori. <i>Journal of Spectral Theory</i> , 2014, 4, 87-111.	0.8	12
12	Multiplicity bounds for Steklov eigenvalues on Riemannian surfaces. <i>Annales De L'Institut Fourier</i> , 2014, 64, 2481-2502.	0.6	17
13	Spherical conical metrics and harmonic maps to spheres. <i>Transactions of the American Mathematical Society</i> , 0, , .	0.9	0