

Said Ilias

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Riemannian manifolds admitting isometric immersions by their first eigenfunctions. Pacific Journal of Mathematics, 2000, 195, 91-99.	0.5	53
2	Universal inequalities for the eigenvalues of Laplace and Schrödinger operators on submanifolds. Transactions of the American Mathematical Society, 2009, 361, 2337-2350.	0.9	47
3	Laplacian eigenvalue functionals and metric deformations on compact manifolds. Journal of Geometry and Physics, 2008, 58, 89-104.	1.4	43
4	Constantes explicites pour les inégalités de Sobolev sur les variétés riemanniennes compactes. Annales De L'Institut Fourier, 1983, 33, 151-165.	0.6	38
5	Second Eigenvalue of Schrödinger Operators and Mean Curvature. Communications in Mathematical Physics, 2000, 208, 761-770.	2.2	27
6	Extremal metrics for the first eigenvalue of the Laplacian in a conformal class. Proceedings of the American Mathematical Society, 2003, 131, 1611-1618.	0.8	20
7	A Reilly inequality for the first Steklov eigenvalue. Differential Geometry and Its Applications, 2011, 29, 699-708.	0.5	18
8	Caccioppoli's inequalities on constant mean curvature hypersurfaces in Riemannian manifolds. Annals of Global Analysis and Geometry, 2012, 42, 443-471.	0.6	9
9	Un nouveau résultat de pincement de la première valeur propre du laplacien et conjecture du diamètre pincé. Annales De L'Institut Fourier, 1993, 43, 843-863.	0.6	9
10	Critical metrics of the trace of the heat kernel on a compact manifold. Journal Des Mathematiques Pures Et Appliquees, 2002, 81, 1053-1070.	1.6	8
11	Universal inequalities for the eigenvalues of a power of the Laplace operator. Manuscripta Mathematica, 2010, 132, 75-102.	0.6	7
12	Sur la première valeur propre des tores. Séminaire De Théorie Spectrale Et Géométrie, 0, 15, 17-23.	0.0	5
13	On the entropies of hypersurfaces with bounded mean curvature. Mathematische Annalen, 2016, 364, 1095-1120.	1.4	3
14	Sobolev inequalities on a weighted Riemannian manifold of positive Bakry's curvature and convex boundary. Pacific Journal of Mathematics, 2018, 294, 423-451.	0.5	3
15	A Generalization of a Levitin and Parnovski Universal Inequality for Eigenvalues. Journal of Geometric Analysis, 2012, 22, 206-222.	1.0	1
16	Some isolation results for f-harmonic maps on weighted Riemannian manifolds with boundary. Journal of Mathematical Analysis and Applications, 2019, 471, 15-37.	1.0	1
17	Universal inequalities for the eigenvalues of the biharmonic operator on submanifolds. Pacific Journal of Mathematics, 2011, 251, 315-329.	0.5	0