# Alexei V PenskoÃ¯

List of Publications by Year
in descending order

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|---|---|---|---|
| **10**<br>papers | **68**<br>citations | 1684188<br>**5**<br>h-index | 1588992<br>**8**<br>g-index |
| **10**<br>all docs | **10**<br>docs citations | **10**<br>times ranked | **21**<br>citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Free boundary minimal surfaces and overdetermined boundary value problems. Journal D'Analyse Mathematique, 2020, 141, 323-329. | 0.8 | 0 |
| 2 | Isoperimetric Inequalities for Higher Eigenvalues of the Laplace–Beltrami Operator on Surfaces. Proceedings of the Steklov Institute of Mathematics, 2019, 305, 270-286. | 0.3 | 2 |
| 3 | Conformally maximal metrics for Laplace eigenvalues on surfaces. Journal of Differential Geometry, 2019, 24, 205-256. | 1.0 | 9 |
| 4 | An isoperimetric inequality for the second non-zero eigenvalue of the Laplacian on the projective plane. Geometric and Functional Analysis, 2018, 28, 1368-1393. | 1.8 | 14 |
| 5 | Generalized Lawson Tori and Klein Bottles. Journal of Geometric Analysis, 2015, 25, 2645-2666. | 1.0 | 5 |
| 6 | Extremal spectral properties of Otsuki tori. Mathematische Nachrichten, 2013, 286, 379-391. | 0.8 | 15 |
| 7 | Integrable systems and the topology of isospectral manifolds. Theoretical and Mathematical Physics(Russian Federation), 2008, 155, 627-632. | 0.9 | 2 |
| 8 | Canonically conjugate variables for the periodic Camassa–Holm equation. Nonlinearity, 2005, 18, 415-421. | 1.4 | 1 |
| 9 | Discrete matrix Riccati equations with superposition formulas. Journal of Mathematical Analysis and Applications, 2004, 294, 533-547. | 1.0 | 16 |
| 10 | Lagrangian time-discretization of the Hunter–Saxton equation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 304, 157-167. | 2.1 | 4 |