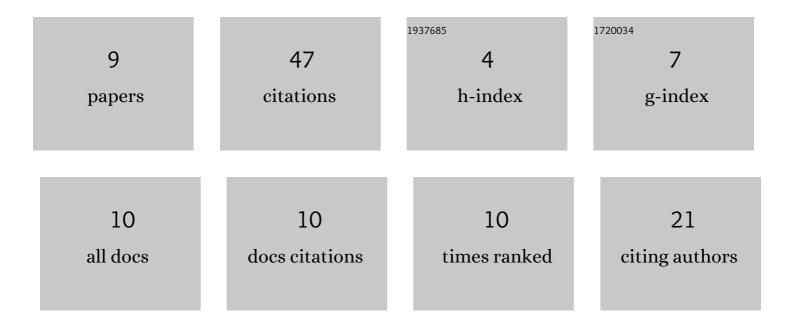
## **Christian Lessig**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3707774/publications.pdf Version: 2024-02-01



| # | Article   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | A neural network multigrid solver for the Navier-Stokes equations. Journal of Computational Physics, 2022, 460, 110983.   | 3.8 | 15        |
| 2 | Î <sup>°</sup> ec: A local spectral exterior calculus. Applied and Computational Harmonic Analysis, 2021, 51, 56-103.   | 2.2 | 1         |
| 3 | A data-driven framework for the stochastic reconstruction of small-scale features with application to climate data sets. Journal of Computational Physics, 2021, 442, 110484. | 3.8 | 3         |
| 4 | Local Fourier Slice Photography. ACM Transactions on Graphics, 2020, 39, 1-16.  | 7.2 | 1         |
| 5 | Divergence Free Polar Wavelets for the Analysis and Representation of Fluid Flows. Journal of<br>Mathematical Fluid Mechanics, 2019, 21, 1.                                   | 1.0 | 4         |
| 6 | Bendlets: A second-order shearlet transform with bent elements. Applied and Computational<br>Harmonic Analysis, 2019, 46, 384-399.  | 2.2 | 16        |
| 7 | A local Fourier slice equation. Optics Express, 2018, 26, 29769.  | 3.4 | 3         |
| 8 | On the Effective Dimension of Light Transport. Computer Graphics Forum, 2010, 29, 1399-1403.  | 3.0 | 4         |
| 9 | Variational symplectic diagonally implicit Runge-Kutta methods for isospectral systems. BIT Numerical<br>Mathematics, 0, , .  | 2.0 | 0         |