

# Elena Luca

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6154426/publications.pdf>

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7  
papers

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2258059

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2053705

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docs citations

7  
times ranked

26  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Numerical solution of scattering problems using a Riemann–Hilbert formulation. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2019, 475, 20190105. | 2.1 | 2         |
| 2 | Analytical solutions for two-dimensional singly periodic Stokes flow singularity arrays near walls. Journal of Engineering Mathematics, 2019, 119, 199-215.                              | 1.2 | 4         |
| 3 | Fast evaluation of the fundamental singularities of two-dimensional doubly periodic Stokes flow. Journal of Engineering Mathematics, 2018, 111, 95-110.                                  | 1.2 | 2         |
| 4 | Stokes flow through a two-dimensional channel with a linear expansion. Quarterly Journal of Mechanics and Applied Mathematics, 2018, , .   | 1.3 | 0         |
| 5 | A transform method for the biharmonic equation in multiply connected circular domains. IMA Journal of Applied Mathematics, 2018, 83, 942-976.  | 1.6 | 14        |
| 6 | Solving Wiener–Hopf problems without kernel factorization. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2014, 470, 20140304.                     | 2.1 | 14        |
| 7 | Longitudinal shear flow over a bubble mattress with curved menisci: arbitrary protrusion angle and solid fraction. IMA Journal of Applied Mathematics, 0, , .                            | 1.6 | 1         |