

# Matthias Khmayer

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

|                   |                       |               |                 |
|-------------------|-----------------------|---------------|-----------------|
| 7<br>papers       | 102<br>citations      | 4<br>h-index  | 10<br>g-index   |
| 12<br>ext. papers | 179<br>ext. citations | 20<br>avg, IF | 2.83<br>L-index |

| # | Paper   | IF   | Citations |
|---|---|------|-----------|
| 7 | Invariance Property of the Fisher Information in Scattering Media.. <i>Physical Review Letters</i> , <b>2021</b> , 127, 233201                  | 7.4  | 1         |
| 6 | Mean path length invariance in wave-scattering beyond the diffusive regime. <i>Communications Physics</i> , <b>2021</b> , 4,                    | 5.4  | 3         |
| 5 | Scattering invariant modes of light in complex media. <i>Nature Photonics</i> , <b>2021</b> , 15, 431-434                                       | 33.9 | 5         |
| 4 | Speckle Engineering through Singular Value Decomposition of the Transmission Matrix. <i>Physical Review Letters</i> , <b>2021</b> , 127, 093903 | 7.4  | 0         |
| 3 | Optimal wave fields for micromanipulation in complex scattering environments. <i>Nature Photonics</i> , <b>2020</b> , 14, 149-153               | 33.9 | 16        |
| 2 | Random anti-lasing through coherent perfect absorption in a disordered medium. <i>Nature</i> , <b>2019</b> , 567, 351-355                       | 50.4 | 50        |
| 1 | Focusing inside Disordered Media with the Generalized Wigner-Smith Operator. <i>Physical Review Letters</i> , <b>2017</b> , 119, 033903         | 7.4  | 25        |