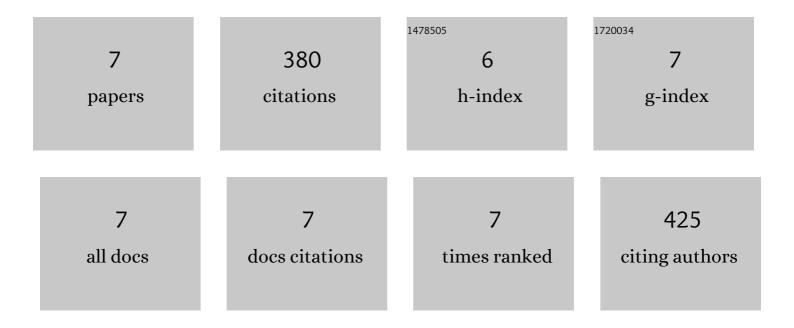
## Elizabeth Kautz

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10454721/publications.pdf Version: 2024-02-01



| # | Article   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Image driven machine learning methods for microstructure recognition. Computational Materials Science, 2016, 123, 176-187.  | 3.0 | 239       |
| 2 | Grain boundary engineering to control the discontinuous precipitation in multicomponent U10Mo<br>alloy. Acta Materialia, 2018, 151, 181-190.  | 7.9 | 43        |
| 3 | Rapid and flexible segmentation of electron microscopy data using few-shot machine learning. Npj<br>Computational Materials, 2021, 7, .   | 8.7 | 37        |
| 4 | Phase transformation of metastable discontinuous precipitation products to equilibrium phases in U10Mo alloys. Scripta Materialia, 2018, 156, 70-74.  | 5.2 | 24        |
| 5 | An image-driven machine learning approach to kinetic modeling of a discontinuous precipitation reaction. Materials Characterization, 2020, 166, 110379.   | 4.4 | 20        |
| 6 | Nanoscale Spatially Resolved Mapping of Uranium Enrichment. Scientific Reports, 2019, 9, 12302.   | 3.3 | 16        |
| 7 | Image-driven discriminative and generative methods for establishing microstructure-processing relationships relevant to nuclear fuel processing pipelines. Microscopy and Microanalysis, 2021, 27, 2128-2130. | 0.4 | 1         |