

# Cory Luke Trivelpiece

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/867477/publications.pdf>

Version: 2024-02-01

9  
papers

120  
citations

1684188

5  
h-index

1588992

8  
g-index

11  
all docs

11  
docs citations

11  
times ranked

166  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Method for estimating the density of high-level nuclear waste glass. International Journal of Applied Glass Science, 2020, 11, 641-648.  | 2.0 | 1         |
| 2 | Physical and optical properties of the International Simple Glass. Npj Materials Degradation, 2019, 3, .   | 5.8 | 37        |
| 3 | Accelerated Leach Testing of <sc>GLASS</sc> (ALTGLASS): I. Informatics approach to high level waste glass gel formation and aging. International Journal of Applied Glass Science, 2017, 8, 69-83.   | 2.0 | 30        |
| 4 | Accelerated Leach Testing of Glass (ALTGLASS): II. Mineralization of hydrogels by leachate strong bases. International Journal of Applied Glass Science, 2017, 8, 84-96.   | 2.0 | 23        |
| 5 | Corrosion of ISG fibers in alkaline solutions. Journal of the American Ceramic Society, 2017, 100, 4533-4547.  | 3.8 | 11        |
| 6 | Uranium Dissolution and Geochemical Modeling in Anoxic and Oxidic Solutions. MRS Advances, 2017, 2, 705-710.   | 0.9 | 6         |
| 7 | Spatial resolution and efficiency of microchannel plate detectors with neutron converter films. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 767, 421-425. | 1.6 | 4         |
| 8 | Glass Surface Layer Density by Neutron Depth Profiling. International Journal of Applied Glass Science, 2012, 3, 137-143.  | 2.0 | 3         |
| 9 | Development of a geometric uncertainty model describing the accuracy of position-sensitive, coincidence neutron detection. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 45-52.  | 1.4 | 0         |