

# Chuck Z Soderquist

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5099797/publications.pdf>

Version: 2024-02-01

9  
papers

86  
citations

1478505  
6  
h-index

1588992  
8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

140  
citing authors

#	ARTICLE	IF	CITATIONS
1	Separation of metallic residues from the dissolution of a high-burnup BWR fuel using nitrogen trifluoride. <i>Journal of Fluorine Chemistry</i> , 2014, 162, 1-8.	1.7	24
2	Probing the oxygen environment in UO <sub>2</sub> by solid-state <sup>17</sup> O nuclear magnetic resonance spectroscopy and relativistic density functional calculations. <i>Journal of Chemical Physics</i> , 2010, 132, 084501.	3.0	21
3	Formation of Technetium Salts in Hanford Low-Activity Waste Glass. <i>Journal of the American Ceramic Society</i> , 2016, 99, 3924-3931.	3.8	9
4	Properties of Pertechnic Acid. <i>Inorganic Chemistry</i> , 2019, 58, 14015-14023.	4.0	9
5	Gas-phase molybdenum-99 separation from uranium dioxide by fluoride volatility using nitrogen trifluoride. <i>RSC Advances</i> , 2020, 10, 3472-3478.	3.6	9
6	Equatorial Electronic Structure in the Uranyl Ion: Cs <sub>2</sub> UO <sub>2</sub> Cl <sub>4</sub> and Cs <sub>2</sub> UO <sub>2</sub> Br <sub>4</sub> . <i>Inorganic Chemistry</i> , 2022, 61, 3821-3831.	4.0	8
7	Synthesis and Characterization of 5- and 6- Coordinated Alkali Pertechnetates. <i>MRS Advances</i> , 2017, 2, 525-542.	0.9	3
8	Measurement of local magnetic fields in actinide tetrafluorides. <i>Journal of Chemical Physics</i> , 2021, 154, 211101.	3.0	3
9	Separations of U/Pu and Np/Pu using fluoride volatility. <i>Journal of Fluorine Chemistry</i> , 2022, 257-258, 109952.	1.7	0