

# Chuck Z Soderquist

## List of Publications by Year in descending order

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9  
papers

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1478505  
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#	ARTICLE	IF	CITATIONS
1	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> . Inorganic Chemistry, 2022, 61, 3821-3831.	4.0	8
2	Separations of U/Pu and Np/Pu using fluoride volatility. Journal of Fluorine Chemistry, 2022, 257-258, 109952.	1.7	0
3	Measurement of local magnetic fields in actinide tetrafluorides. Journal of Chemical Physics, 2021, 154, 211101.	3.0	3
4	Gas-phase molybdenum-99 separation from uranium dioxide by fluoride volatility using nitrogen trifluoride. RSC Advances, 2020, 10, 3472-3478.	3.6	9
5	Properties of Pertechnic Acid. Inorganic Chemistry, 2019, 58, 14015-14023.	4.0	9
6	Synthesis and Characterization of 5- and 6- Coordinated Alkali Pertechnetates. MRS Advances, 2017, 2, 525-542.	0.9	3
7	Formation of Technetium Salts in Hanford Low-Activity Waste Glass. Journal of the American Ceramic Society, 2016, 99, 3924-3931.	3.8	9
8	Separation of metallic residues from the dissolution of a high-burnup BWR fuel using nitrogen trifluoride. Journal of Fluorine Chemistry, 2014, 162, 1-8.	1.7	24
9	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. Journal of Chemical Physics, 2010, 132, 084501.	3.0	21