

# H B Andrews

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3397251/publications.pdf>

Version: 2024-02-01

12  
papers

124  
citations

1307594

7  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

29  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of molten salt reactor off-gas management considerations. Nuclear Engineering and Design, 2021, 385, 111529.	1.7	24
2	Quantification of Lanthanides in a Molten Salt Reactor Surrogate Off-Gas Stream Using Laser-Induced Breakdown Spectroscopy. Applied Spectroscopy, 2022, 76, 877-886.	2.2	14
3	Monitoring Noble Gases (Xe and Kr) and Aerosols (Cs and Rb) in a Molten Salt Reactor Surrogate Off-Gas Stream Using Laser-Induced Breakdown Spectroscopy (LIBS). Applied Spectroscopy, 2022, 76, 988-997.	2.2	14
4	Development of an Experimental Routine for Electrochemical and Laser-Induced Breakdown Spectroscopy Composition Measurements of $\text{SmCl}_3$ in LiCl-KCl Eutectic Salt Systems. Nuclear Technology, 2019, 205, 891-904.	1.2	13
5	Design of Experiments, Chemometrics, and Raman Spectroscopy for the Quantification of Hydroxylammonium, Nitrate, and Nitric Acid. ACS Omega, 2022, 7, 7287-7296.	3.5	12
6	Comparison of Exchange Current Density Acquisition Methods for $\text{LaCl}_3$ in Molten LiCl-KCl Eutectic Salt. Journal of the Electrochemical Society, 2018, 165, E412-E419.	2.9	11
7	Neptunium transition probabilities estimated through laser induced breakdown spectroscopy (LIBS) measurements. Journal of Analytical Atomic Spectrometry, 2022, 37, 768-774.	3.0	10
8	Electrochemical and Laser-Induced Breakdown Spectroscopy Signal Fusion for Detection of $\text{UCl}_3$ - $\text{GdCl}_3$ - $\text{MgCl}_2$ in LiCl-KCl Molten Salt. Nuclear Technology, 2021, 207, 617-626.	1.2	6
9	Radiative transition probabilities of neutral and singly ionized Europium estimated by laser-induced breakdown spectroscopy (LIBS). Journal of Quantitative Spectroscopy and Radiative Transfer, 2022, 286, 108184.	2.3	6
10	Sensor Technology for Molten Salt Reactor Off-Gas Systems. , 2021, , .		4
11	Quantification of Rare Earth Elements in the Parts Per Million Range: A Novel Approach in the Application of Laser-Induced Breakdown Spectroscopy. Applied Spectroscopy, 2022, 76, 937-945.	2.2	4
12	Improvement of an Experimental Routine for Electrochemical Composition Measurements of $\text{SmCl}_3$ in LiCl-KCl Eutectic Salt Systems. Nuclear Technology, 2020, 206, 651-661.	1.2	3