

# Karen E Shafer-Peltier

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2687155/publications.pdf>

Version: 2024-02-01

10  
papers

2,236  
citations

1040056

9  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

3105  
citing authors

#	ARTICLE	IF	CITATIONS
1	Removing scale-forming cations from produced waters. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 132-143.	2.4	8
2	Complexation and precipitation of scale-forming cations in oilfield produced water with polyelectrolytes. <i>Separation and Purification Technology</i> , 2019, 222, 1-10.	7.9	20
3	Controlled release of poly(vinyl sulfonate) scale inhibitor to extend reservoir treatment lifetime. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47225.	2.6	10
4	Competitive association of cations with poly(sodium 4-styrenesulfonate) (PSS) and heavy metal removal from water by PSS-assisted ultrafiltration. <i>Chemical Engineering Journal</i> , 2018, 344, 155-164.	12.7	66
5	Modeling arsenic (V) removal from water by micellar enhanced ultrafiltration in the presence of competing anions. <i>Chemosphere</i> , 2018, 213, 285-294.	8.2	34
6	Diagnosing breast cancer by using Raman spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 12371-12376.	7.1	579
7	Toward a Glucose Biosensor Based on Surface-Enhanced Raman Scattering. <i>Journal of the American Chemical Society</i> , 2003, 125, 588-593.	13.7	623
8	Surface-Enhanced Raman Spectroscopy in Single Living Cells Using Gold Nanoparticles. <i>Applied Spectroscopy</i> , 2002, 56, 150-154.	2.2	559
9	Raman microspectroscopic model of human breast tissue: implications for breast cancer diagnosis in vivo. <i>Journal of Raman Spectroscopy</i> , 2002, 33, 552-563.	2.5	258
10	Model-based biological Raman spectral imaging. <i>Journal of Cellular Biochemistry</i> , 2002, 87, 125-137.	2.6	79