

Karen E Shafer-Peltier

List of Publications by Year in descending order

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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	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
2	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
3	Surface-Enhanced Raman Spectroscopy in Single Living Cells Using Gold Nanoparticles. <i>Applied Spectroscopy</i> , 2002, 56, 150-154.	2.2	559
4	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
5	Model-based biological Raman spectral imaging. <i>Journal of Cellular Biochemistry</i> , 2002, 87, 125-137.	2.6	79
6	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
7	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
8	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
9	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
10	Removing scale-forming cations from produced waters. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 132-143.	2.4	8