

# Katherine S Lovejoy

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

2,149  
citations

516710

16  
h-index

713466

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

3443  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Organic Cation Transporters Are Determinants of Oxaliplatin Cytotoxicity. <i>Cancer Research</i> , 2006, 66, 8847-8857.   | 0.9  | 384       |
| 2  | Water-soluble porphyrins as a dual-function molecular imaging platform for MRI and fluorescence zinc sensing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 10780-10785.                              | 7.1  | 276       |
| 3  | Ionic liquids as a class of materials for transdermal delivery and pathogen neutralization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13313-13318.  | 7.1  | 258       |
| 4  | Archaea Analogue Thiolipids for Tethered Bilayer Lipid Membranes on Ultrasmooth Gold Surfaces. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 208-211.  | 13.8 | 257       |
| 5  | <i>cis</i> -Diammine(pyridine)chloroplatinum(II), a monofunctional platinum(II) antitumor agent: Uptake, structure, function, and prospects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8902-8907. | 7.1  | 222       |
| 6  | Non-traditional platinum compounds for improved accumulation, oral bioavailability, and tumor targeting. <i>Dalton Transactions</i> , 2009, , 10651.  | 3.3  | 205       |
| 7  | Chronic cisplatin treatment promotes enhanced damage repair and tumor progression in a mouse model of lung cancer. <i>Genes and Development</i> , 2010, 24, 837-852.  | 5.9  | 174       |
| 8  | Spectrum of Cellular Responses to Pyriplatin, a Monofunctional Cationic Antineoplastic Platinum(II) Compound, in Human Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 1709-1719.  | 4.1  | 67        |
| 9  | Self-Assembled Diisocyanide Monolayer Films on Gold and Palladium. <i>Langmuir</i> , 2005, 21, 5034-5039.   | 3.5  | 64        |
| 10 | Understanding the Effect of Carbonate Ion on Cisplatin Binding to DNA. <i>Journal of the American Chemical Society</i> , 2007, 129, 6370-6371.  | 13.7 | 57        |
| 11 | A rapid method for the detection of extra virgin olive oil adulteration using UHPLC-CAD profiling of triacylglycerols and PCA. <i>Food Control</i> , 2020, 107, 106773.   | 5.5  | 33        |
| 12 | Evaluation of ionic liquids on phototrophic microbes and their use in biofuel extraction and isolation. <i>Journal of Applied Phycology</i> , 2013, 25, 973-981.  | 2.8  | 25        |
| 13 | Influence of charged aerosol detector instrument settings on the ultra-high-performance liquid chromatography analysis of fatty acids in polysorbate 80. <i>Journal of Chromatography A</i> , 2018, 1576, 58-66.  | 3.7  | 25        |
| 14 | Tetraalkylphosphonium-Based Ionic Liquids for a Single-Step Dye Extraction/MALDI MS Analysis Platform. <i>Analytical Chemistry</i> , 2011, 83, 2921-2930.   | 6.5  | 24        |
| 15 | Archaea-analogue Thiolipide fÃ¼r gestÃ¼tzte Lipiddoppelschichtmembranen auf ultraglattem GoldoberflÃ¤chen. <i>Angewandte Chemie</i> , 2003, 115, 219-222.   | 2.0  | 17        |
| 16 | Single-Pot Extraction-Analysis of Dyed Wool Fibers with Ionic Liquids. <i>Analytical Chemistry</i> , 2012, 84, 9169-9175.   | 6.5  | 17        |
| 17 | A Survey of <i>N</i> -Nitrosornicotine (NNN) and Total Water Content in Select Smokeless Tobacco Products Purchased in the United States in 2015. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 4400-4406.                                  | 5.2  | 12        |
| 18 | Solvent dependent photocyclization and photophysics of some 2-ethynylbiphenyls. <i>Photochemical and Photobiological Sciences</i> , 2006, 5, 369.   | 2.9  | 11        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Utilization of Metal Halide Species Ambiguity to Develop Amorphous, Stabilized Pharmaceutical Agents As Ionic Liquids. <i>Crystal Growth and Design</i> , 2012, 12, 5357-5364. | 3.0 | 11        |
| 20 | Unprecedented magnetic behaviour in lanthanide-based ionic liquids. <i>Chemical Communications</i> , 2017, 53, 11682-11685.  | 4.1 | 8         |
| 21 | Biphasic Extraction, Recovery and Identification of Organic and Inorganic Compounds with Ionic Liquids. <i>ACS Symposium Series</i> , 2017, , 283-302.                         | 0.5 | 2         |
| 22 | Abstract C100: Evaluation of pyriplatin, a monofunctional cationic platinum(II) compound, in human cancer cells. , 2009, , .   |     | 0         |