

# Kathryn A Johnston

## List of PR Articles by Year in descending order

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12

PR articles

591

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890930

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1131831

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624

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956946

10

h-index

1111

citing authors

#	ARTICLE	IF	PR CITATIONS
1	Role of bacterial motility in differential resistance mechanisms of silver nanoparticles and silver ions. <i>Nature Nanotechnology</i> , 2021, 16, 996-1003.	33.5	220
2	Efficient Control of Atom Arrangement in Ternary Metal Chalcogenide Nanoparticles Using Precursor Oxidation State. <i>Chemistry of Materials</i> , 2020, 32, 1322-1331.	6.7	13
3	Emerging investigator series: connecting concepts of coinage metal stability across length scales. <i>Environmental Science: Nano</i> , 2019, 6, 2674-2696.	3.7	6
4	Emerging investigator series: characterization of silver and silver nanoparticle interactions with zinc finger peptides. <i>Environmental Science: Nano</i> , 2019, 6, 2367-2378.	3.7	9
5	Near-Infrared Photoluminescence from Small Copper, Silver, and Gold Nanoparticles. <i>ChemNanoMat</i> , 2018, 4, 265-268.	2.5	13
6	Impacts of broth chemistry on silver ion release, surface chemistry composition, and bacterial cytotoxicity of silver nanoparticles. <i>Environmental Science: Nano</i> , 2018, 5, 304-312.	3.7	26
7	Emerging investigator series: it's not all about the ion: support for particle-specific contributions to silver nanoparticle antimicrobial activity. <i>Environmental Science: Nano</i> , 2018, 5, 2047-2068.	3.7	71
8	Ligand density quantification on colloidal inorganic nanoparticles. <i>Analyst, The</i> , 2017, 142, 11-29.	3.1	108
9	Efficient Energy Transfer from Near-Infrared Emitting Gold Nanoparticles to Pendant Ytterbium(III). <i>Journal of the American Chemical Society</i> , 2017, 139, 17767-17770.	15.0	18
10	Impact of As-Synthesized Ligands and Low-Oxygen Conditions on Silver Nanoparticle Surface Functionalization. <i>Langmuir</i> , 2016, 32, 3820-3826.	3.6	15
11	Ligand-Mediated "Turn On," High Quantum Yield Near-Infrared Emission in Small Gold Nanoparticles. <i>Journal of the American Chemical Society</i> , 2015, 137, 14423-14429.	15.0	104
12	Gold-Cobalt Nanoparticle Alloys Exhibiting Tunable Compositions, Near-Infrared Emission, and High Relaxivity. <i>Advanced Functional Materials</i> , 2014, 24, 6532-6539.	17.0	43