

# Kristin B Cederquist

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1134241/publications.pdf>

Version: 2024-02-01

12  
papers

603  
citations

1040056

9  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1203  
citing authors

#	ARTICLE	IF	CITATIONS
1	An ultrasensitive universal detector based on neutralizer displacement. <i>Nature Chemistry</i> , 2012, 4, 642-648.	13.6	180
2	Coupling Molecular Beacons to Barcoded Metal Nanowires for Multiplexed, Sealed Chamber DNA Bioassays. <i>Journal of the American Chemical Society</i> , 2006, 128, 16892-16903.	13.7	90
3	Curvature Effects in DNA:Au Nanoparticle Conjugates. <i>ACS Nano</i> , 2009, 3, 256-260.	14.6	77
4	Metallic barcodes for multiplexed bioassays. <i>Nanomedicine</i> , 2007, 2, 695-710.	3.3	48
5	Molecular Beacon <sup>^</sup> Metal Nanowire Interface: Effect of Probe Sequence and Surface Coverage on Sensor Performance. <i>Langmuir</i> , 2008, 24, 9162-9171.	3.5	44
6	Hybridization Efficiency of Molecular Beacons Bound to Gold Nanowires: Effect of Surface Coverage and Target Length. <i>Langmuir</i> , 2010, 26, 18273-18280.	3.5	44
7	Encoded anisotropic particles for multiplexed bioanalysis. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2010, 2, 578-600.	6.1	43
8	A Peripheral Benzodiazepine Receptor Targeted Agent for In Vitro Imaging and Screening. <i>Bioconjugate Chemistry</i> , 2006, 17, 735-740.	3.6	36
9	Nanostructured biomolecular detectors: pushing performance at the nanoscale. <i>Current Opinion in Chemical Biology</i> , 2012, 16, 415-421.	6.1	33
10	Laser-fabricated gold nanoparticles for lateral flow immunoassays. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 149, 351-357.	5.0	7
11	Review of Materials Science of DNAMaterials Science of DNA by Jung-IlJin and JamesGrote, Eds. CRC Press: Boca Raton, FL, 2011. 338 pp. ISBN: 978-1439827413 (hardcover). \$ 119.95.. <i>Journal of Chemical Education</i> , 2013, 90, 408-408.	2.3	1
12	Book Review of DNA Technology. <i>Journal of Chemical Education</i> , 2011, 88, 386-386.	2.3	0