

# Rajan Arora

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11546707/publications.pdf>

Version: 2024-02-01

13  
papers

318  
citations

1307594

7  
h-index

1588992

8  
g-index

13  
all docs

13  
docs citations

13  
times ranked

313  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of coherent and spontaneous Raman microspectroscopies for noninvasive detection of single bacterial endospores. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7776-7779.	7.1	132
2	Detecting anthrax in the mail by coherent Raman microspectroscopy. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1151-1153.	7.1	48
3	Analytical capabilities of coherent anti-Stokes Raman scattering microspectroscopy. Journal of Modern Optics, 2008, 55, 3237-3254.	1.3	42
4	Improving sensitivity in nonlinear Raman microspectroscopy imaging and sensing. Journal of Biomedical Optics, 2011, 16, 021114.	2.6	39
5	Chemical Analysis of Molecular Species through Turbid Medium. Analytical Chemistry, 2014, 86, 1445-1451.	6.5	25
6	Coherent anti-Stokes Raman scattering imaging of microcalcifications associated with breast cancer. Analyst, The, 2021, 146, 1253-1259.	3.5	14
7	Hyperspectral coherent anti-Stokes Raman scattering microscopy imaging through turbid medium. Journal of Biomedical Optics, 2011, 16, 021116.	2.6	13
8	Detecting mineral content in turbid medium using nonlinear Raman imaging: feasibility study. Journal of Modern Optics, 2011, 58, 1914-1921.	1.3	4
9	Detecting Anthrax in the Mail via Coherent Raman Microspectroscopy. , 2011, , .		1
10	Noninvasive high-speed optical imaging of biochemical interactions in microfluidic devices. Proceedings of SPIE, 2008, , .	0.8	0
11	Coherent anti-Stokes Raman scattering imaging through turbid medium. , 2011, , .		0
12	Nonlinear Raman microspectroscopy for structural and chemical analysis of biological solutions in microfluidic devices. , 2008, , .		0
13	High Throughput Vibrational Cytometry Based On Coherent Anti-Stokes Raman Scattering Microspectroscopy. , 2010, , .		0