

# Aditya Dileep Kurdekar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2731913/publications.pdf>

Version: 2024-02-01

15  
papers

385  
citations

1039880

9  
h-index

1058333

14  
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all docs

16  
docs citations

16  
times ranked

695  
citing authors

#	ARTICLE	IF	CITATIONS
1	Titanate nanobelts – a promising nanosorbent for defluoridation of drinking water. Separation Science and Technology, 2020, 55, 1023-1035.	1.3	7
2	Computational design and clinical demonstration of a copper nanocluster based universal immunosensor for sensitive diagnostics. Nanoscale Advances, 2020, 2, 304-314.	2.2	7
3	Sub-picogram level sensitivity in HIV diagnostics achieved with the europium nanoparticle immunoassay through metal enhanced fluorescence. Nanoscale Advances, 2019, 1, 273-280.	2.2	9
4	Cross-Subtype Detection of HIV-1 Capsid p24 Antigen Using a Sensitive Europium Nanoparticle Assay. AIDS Research and Human Retroviruses, 2019, 35, 396-401.	0.5	2
5	Application of nanotechnology in biosensors for enhancing pathogen detection. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2018, 10, e1512.	3.3	21
6	Streptavidin-conjugated gold nanoclusters as ultrasensitive fluorescent sensors for early diagnosis of HIV infection. Science Advances, 2018, 4, eaar6280.	4.7	62
7	Soluplus <sup>®</sup> Enhances Many Fold the Dissolution Characteristic of Ibuprofen Through Ibuprofen-soluplus Nanoformulations. Journal of Bionanoscience, 2018, 12, 621-628.	0.4	0
8	Fluorescent silver nanoparticle based highly sensitive immunoassay for early detection of HIV infection. RSC Advances, 2017, 7, 19863-19877.	1.7	38
9	Femtogram Level Sensitivity achieved by Surface Engineered Silica Nanoparticles in the Early Detection of HIV Infection. Scientific Reports, 2017, 7, 7149.	1.6	28
10	Streptavidin conjugated ZnO nanoparticles for early detection of HIV infection. Advanced Materials Letters, 2017, 8, 472-480.	0.3	18
11	Development of carbon dot based microplate and microfluidic chip immunoassay for rapid and sensitive detection of HIV-1 p24 antigen. Microfluidics and Nanofluidics, 2016, 20, 1.	1.0	16
12	Comparative performance evaluation of carbon dot-based paper immunoassay on Whatman filter paper and nitrocellulose paper in the detection of HIV infection. Microfluidics and Nanofluidics, 2016, 20, 1.	1.0	68
13	Aqueous based reflux method for green synthesis of nanostructures: Application in CZTS synthesis. MethodsX, 2016, 3, 35-42.	0.7	25
14	Carbon Quantum Dots from Coconut Husk: Evaluation for Antioxidant and Cytotoxic Activity. Materials Focus, 2016, 5, 55-61.	0.4	77
15	Surface plasmon coupled emission as a novel analytical platform for the sensitive detection of cysteine. Nanotechnology Reviews, 2015, 4, 393-400.	2.6	7