

# Sachin Ganpat Chavan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3857279/publications.pdf>

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9  
papers

175  
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1307594  
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docs citations

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205  
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#	ARTICLE	IF	CITATIONS
1	Polypyrrole-palladium nanocomposite as a high-efficiency transducer for thrombin detection with liposomes as a label. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 3205-3217.	3.7	4
2	Advances of MXenes; Perspectives on Biomedical Research. <i>Biosensors</i> , 2022, 12, 454.	4.7	22
3	Dimeric-serotonin bivalent ligands induced gold nanoparticle aggregation for highly sensitive and selective serotonin biosensor. <i>Biosensors and Bioelectronics</i> , 2021, 191, 113447.	10.1	15
4	$\hat{I}^2$ -Hydroxybutyrate dehydrogenase decorated MXene nanosheets for the amperometric determination of $\hat{I}^2$ -hydroxybutyrate. <i>Mikrochimica Acta</i> , 2020, 187, 277.	5.0	33
5	Relay-race RNA/barcode gold nanoflower hybrid for wide and sensitive detection of microRNA in total patient serum. <i>Biosensors and Bioelectronics</i> , 2019, 141, 111468.	10.1	19
6	Nanostructured Au-Pt hybrid disk electrodes for enhanced parathyroid hormone detection in human serum. <i>Bioelectrochemistry</i> , 2019, 128, 165-174.	4.6	16
7	Robust Bioengineered Apoferritin Nanoprobes for Ultrasensitive Detection of Infectious Pancreatic Necrosis Virus. <i>Analytical Chemistry</i> , 2019, 91, 5841-5849.	6.5	14
8	Synthesis of Multi-walled Carbon Nanotubes Modified with Silver Nanoparticles and Evaluation of Their Antibacterial Activities and Cytotoxic Properties. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	3
9	Label-Free Impedance Sensing of Aflatoxin B1 with Polyaniline Nanofibers/Au Nanoparticle Electrode Array. <i>Sensors</i> , 2018, 18, 1320.	3.8	49