

# Ashlesha Bhide

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8613869/publications.pdf>

Version: 2024-02-01

15  
papers

345  
citations

932766

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h-index

1125271

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

455  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous lancet-free monitoring of alcohol and glucose from low-volumes of perspired human sweat. Scientific Reports, 2018, 8, 6507.	1.6	59
2	CLASP (Continuous lifestyle awareness through sweat platform): A novel sensor for simultaneous detection of alcohol and glucose from passive perspired sweat. Biosensors and Bioelectronics, 2018, 117, 537-545.	5.3	51
3	A Rapid Response Electrochemical Biosensor for Detecting The In Saliva. Scientific Reports, 2019, 9, 12701.	1.6	44
4	Differential electronic detector to monitor apoptosis using dielectrophoresis-induced translation of flowing cells (dielectrophoresis cytometry). Biomicrofluidics, 2013, 7, 024101.	1.2	39
5	Ultrasensitive and Rapid-Response Sensor for the Electrochemical Detection of Antibiotic Residues within Meat Samples. ACS Omega, 2019, 4, 6324-6330.	1.6	34
6	Enzymatic Low Volume Passive Sweat Based Assays for Multi-Biomarker Detection. Biosensors, 2019, 9, 13.	2.3	24
7	CLIP: Carbon Dioxide testing suitable for Low power microelectronics and IOT interfaces using Room temperature Ionic Liquid Platform. Scientific Reports, 2020, 10, 2557.	1.6	24
8	On-demand lactate monitoring towards assessing physiological responses in sedentary populations. Analyst, The, 2021, 146, 3482-3492.	1.7	16
9	Next-Generation Continuous Metabolite Sensing toward Emerging Sensor Needs. ACS Omega, 2021, 6, 6031-6040.	1.6	15
10	A Robust Electrochemical Humidity Sensor for the Detection of Relative Humidity Using Room Temperature Ionic Liquid (RTIL) for Integration in Semiconductor IC's. ECS Journal of Solid State Science and Technology, 2018, 7, Q3043-Q3048.	0.9	12
11	Point-of-use sweat biosensor to track the endocrine-inflammatory relationship for chronic disease monitoring. Future Science OA, 2021, 7, FSO628.	0.9	12
12	Versatile Duplex Electrochemical Sensor for the Detection of CO <sub>2</sub> and Relative Humidity Using Room Temperature Ionic Liquid. ECS Transactions, 2018, 85, 751-765.	0.3	9
13	EBC-SURE (exhaled breath condensate- scanning using rapid electro analytics): A non-faradaic and non-invasive electrochemical assay to screen for pro-inflammatory biomarkers in human breath condensate. Biosensors and Bioelectronics, 2022, 206, 114117.	5.3	3
14	Combinatorial Sensors: An Integrated Approach to Lifestyle Management and Environmental Surveillance. , 2023, , 505-525.		2
15	Semi-automated detection of single cell signatures from a dielectrophoretic cytometer. , 2013, , .		1