

# Ignacio de Orbe-PayÃ;

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8286299/publications.pdf>

Version: 2024-02-01

13  
papers

459  
citations

932766

10  
h-index

1125271

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

657  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mobile phone platform as portable chemical analyzer. <i>Sensors and Actuators B: Chemical</i> , 2011, 156, 350-359.	4.0	145
2	Microfluidic paper-based device for colorimetric determination of glucose based on a metal-organic framework acting as peroxidase mimetic. <i>Mikrochimica Acta</i> , 2018, 185, 47.	2.5	77
3	Surface Modified Thread-Based Microfluidic Analytical Device for Selective Potassium Analysis. <i>Analytical Chemistry</i> , 2016, 88, 5331-5337.	3.2	56
4	Tetrazine-based chemistry for nitrite determination in a paper microfluidic device. <i>Talanta</i> , 2016, 160, 721-728.	2.9	40
5	Real time monitoring of glucose in whole blood by smartphone. <i>Biosensors and Bioelectronics</i> , 2019, 136, 47-52.	5.3	39
6	Ionophore-Based Optical Sensor for Urine Creatinine Determination. <i>ACS Sensors</i> , 2019, 4, 421-426.	4.0	27
7	In situ synthesis of fluorescent silicon nanodots for determination of total carbohydrates in a paper microfluidic device combined with laser prepared graphene heater. <i>Sensors and Actuators B: Chemical</i> , 2021, 332, 129506.	4.0	18
8	Thread based microfluidic platform for urinary creatinine analysis. <i>Sensors and Actuators B: Chemical</i> , 2020, 305, 127407.	4.0	17
9	A vinyl sulfone clicked carbon dot-engineered microfluidic paper-based analytical device for fluorometric determination of biothiols. <i>Mikrochimica Acta</i> , 2020, 187, 421.	2.5	17
10	A Compact Optical Instrument with Artificial Neural Network for pH Determination. <i>Sensors</i> , 2012, 12, 6746-6763.	2.1	11
11	Reversal of a Fluorescent Fluoride Chemosensor from Turn-Off to Turn-On Based on Aggregation Induced Emission Properties. <i>ACS Sensors</i> , 2022, 7, 37-43.	4.0	5
12	An Expert System for Full pH Range Prediction Using a Disposable Optical Sensor Array. <i>IEEE Sensors Journal</i> , 2012, 12, 1197-1206.	2.4	4
13	Computer Vision-Based Portable System for Nitroaromatics Discrimination. <i>Journal of Sensors</i> , 2016, 2016, 1-10.	0.6	3