

# German Comina

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8193091/publications.pdf>

Version: 2024-02-01

23  
papers

744  
citations

759233

12  
h-index

677142

22  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1245  
citing authors

#	ARTICLE	IF	CITATIONS
1	PDMS lab-on-a-chip fabrication using 3D printed templates. Lab on A Chip, 2014, 14, 424-430.	6.0	226
2	Low cost lab-on-a-chip prototyping with a consumer grade 3D printer. Lab on A Chip, 2014, 14, 2978-2982.	6.0	117
3	Autonomous Chemical Sensing Interface for Universal Cell Phone Readout. Angewandte Chemie - International Edition, 2015, 54, 8708-8712.	13.8	54
4	Validation of an Automated Cough Detection Algorithm for Tracking Recovery of Pulmonary Tuberculosis Patients. PLoS ONE, 2012, 7, e46229.	2.5	48
5	Dynamics of Cough Frequency in Adults Undergoing Treatment for Pulmonary Tuberculosis. Clinical Infectious Diseases, 2017, 64, 1174-1181.	5.8	46
6	3D Printed Unibody Lab-on-a-Chip: Features Survey and Check-Valves Integration. Micromachines, 2015, 6, 437-451.	2.9	42
7	Cough detection algorithm for monitoring patient recovery from pulmonary tuberculosis. , 2011, 2011, 6017-20.		35
8	Towards autonomous lab-on-a-chip devices for cell phone biosensing. Biosensors and Bioelectronics, 2016, 77, 1153-1167.	10.1	35
9	Development of Low-Cost Inverted Microscope to Detect Early Growth of Mycobacterium tuberculosis in MODS Culture. PLoS ONE, 2010, 5, e9577.	2.5	21
10	Protocol for studying cough frequency in people with pulmonary tuberculosis. BMJ Open, 2016, 6, e010365.	1.9	20
11	A 3D printed device for quantitative enzymatic detection using cell phones. Analytical Methods, 2016, 8, 6135-6142.	2.7	17
12	Computer screen photo-assisted reflectance fingerprinting. Sensors and Actuators B: Chemical, 2005, 107, 580-586.	7.8	16
13	Cough Frequency During Treatment Associated With Baseline Cavitory Volume and Proximity to the Airway in Pulmonary TB. Chest, 2018, 153, 1358-1367.	0.8	13
14	Development of an automated MODS plate reader to detect early growth of <i>Mycobacterium tuberculosis</i> . Journal of Microscopy, 2011, 242, 325-330.	1.8	12
15	In situ laser reflectometry measurements of pyrolytic ZnO film growth. Measurement Science and Technology, 2005, 16, 685-690.	2.6	9
16	Cough dynamics in adults receiving tuberculosis treatment. PLoS ONE, 2020, 15, e0231167.	2.5	8
17	Gas Sensors Modified with Zeolite Y for Assessing Wine Aroma Compounds. Journal of Chemistry, 2019, 2019, 1-7.	1.9	4
18	Alcohols detection based on Pd-doped SnO <sub>2</sub> sensors. , 2014, , .		3

#	ARTICLE	IF	CITATIONS
19	A novel inexpensive electrochemical sensor for pyrazinoic acid as a potential tool for the identification of pyrazinamide-resistant Mycobacterium tuberculosis. International Journal of Mycobacteriology, 2018, 7, 275.	0.6	3
20	Low-cost 3D-printed inverted microscope to detect Mycobacterium tuberculosis in a MODS culture. Tuberculosis, 2022, 132, 102158.	1.9	3
21	Implementaci3n y evaluaci3n de una nariz electr3nica para la detecci3n de alcoholes lineales. Revista Colombiana De Quimica, 2016, 45, 12.	0.4	2
22	Food Choice and Dietary Intake among People with Tuberculosis in Peru: Implications for Improving Practice. Current Developments in Nutrition, 2020, 4, nzaa001.	0.3	1
23	EMPLEO DE ALGORITMOS MATEMÁTICOS PARA LA EVALUACIÓN DE LA INFLUENCIA DE LOS PARÁMETROS FÍSICOQUÍMICOS QUE AFECTAN LA ADSORCIÓN DE COMPUESTOS AROMÁTICOS SOBRE CARBÓN ACTIVADO. Revista Colombiana De Quimica, 2016, 44, 25-29.	0.4	0