

# Donato Calabria

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6327123/publications.pdf>

Version: 2024-02-01

18  
papers

974  
citations

759233

12  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1567  
citing authors

#	ARTICLE	IF	CITATIONS
1	Smartphone-based biosensors: A critical review and perspectives. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 79, 317-325.	11.4	392
2	Dual lateral flow optical/chemiluminescence immunosensors for the rapid detection of salivary and serum IgA in patients with COVID-19 disease. <i>Biosensors and Bioelectronics</i> , 2021, 172, 112765.	10.1	141
3	Smartphone-based enzymatic biosensor for oral fluid L-lactate detection in one minute using confined multilayer paper reflectometry. <i>Biosensors and Bioelectronics</i> , 2017, 94, 124-130.	10.1	91
4	Advanced biosensors for monitoring astronauts' health during long-duration space missions. <i>Biosensors and Bioelectronics</i> , 2018, 111, 18-26.	10.1	56
5	Effect of apple polyphenols on vascular oxidative stress and endothelium function: a translational study. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1700373.	3.3	42
6	Smartphone biosensor for point-of-need chemiluminescence detection of ochratoxin A in wine and coffee. <i>Analytica Chimica Acta</i> , 2021, 1163, 338515.	5.4	40
7	Recent Advancements in Enzyme-Based Lateral Flow Immunoassays. <i>Sensors</i> , 2021, 21, 3358.	3.8	39
8	A simple smartphone-based thermochemiluminescent immunosensor for valproic acid detection using 1,2-dioxetane analogue-doped nanoparticles as a label. <i>Sensors and Actuators B: Chemical</i> , 2019, 279, 327-333.	7.8	37
9	The Use of Nutraceuticals to Counteract Atherosclerosis: The Role of the Notch Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-30.	4.0	30
10	Paper-Based Immunosensors with Bio-Chemiluminescence Detection. <i>Sensors</i> , 2021, 21, 4309.	3.8	23
11	Smartphone-Based Chemiluminescent Origami $\mu$ PAD for the Rapid Assessment of Glucose Blood Levels. <i>Biosensors</i> , 2021, 11, 381.	4.7	21
12	Smartphone-Based Biosensors for Bioanalytics. <i>Comprehensive Analytical Chemistry</i> , 2017, 77, 237-286.	1.3	13
13	A Smartphone-Based Chemosensor to Evaluate Antioxidants in Agri-Food Matrices by In Situ AuNP Formation. <i>Sensors</i> , 2021, 21, 5432.	3.8	13
14	Combined analytical approaches to define biodistribution and biological activity of semi-synthetic berberrubine, the active metabolite of natural berberine. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3533-3545.	3.7	12
15	Effect of <i>Lactobacillus acidophilus</i> Fermented Broths Enriched with <i>Eruca sativa</i> Seed Extracts on Intestinal Barrier and Inflammation in a Co-Culture System of an Enterohemorrhagic <i>Escherichia coli</i> and Human Intestinal Cells. <i>Nutrients</i> , 2020, 12, 3064.	4.1	12
16	Comprehensive characterization of gold nanoparticles and their protein conjugates used as a label by hollow fiber flow field flow fractionation with photodiode array and fluorescence detectors and multiangle light scattering. <i>Journal of Chromatography A</i> , 2021, 1636, 461739.	3.7	6
17	Immunological Analytical Techniques for Cosmetics Quality Control and Process Monitoring. <i>Processes</i> , 2021, 9, 1982.	2.8	4
18	Thermochemiluminescence-Based Sensitive Probes: Synthesis and Photophysical Characterization of Acridine-Containing 1,2-Dioxetanes Focusing on Fluorophore Push-Pull Effects. <i>ChemPhotoChem</i> , 2022, 6, .	3.0	2