

# Isidro Badillo-Ramírez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6775825/publications.pdf>

Version: 2024-02-01

12  
papers

138  
citations

1478505

6  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

188  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Changes of Amyloid Beta in Hippocampus of Rats Exposed to Ozone: A Raman Spectroscopy Study. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 137.	2.9	37
2	5-S-cysteinyldopamine, a neurotoxic endogenous metabolite of dopamine: Implications for Parkinson's disease. <i>Neurochemistry International</i> , 2019, 129, 104514.	3.8	27
3	Sensitive Raman detection of human recombinant interleukin-6 mediated by DCDR/GERS hybrid platforms. <i>RSC Advances</i> , 2019, 9, 12269-12275.	3.6	16
4	Analysis of platelets in hypertensive and normotensive individuals using Raman and Fourier transform infrared-attenuated total reflectance spectroscopies. <i>Journal of Raman Spectroscopy</i> , 2019, 50, 509-521.	2.5	13
5	SERS characterization of dopamine and <i>in situ</i> dopamine polymerization on silver nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 12158-12170.	2.8	12
6	Carbon SH-SAW-Based Electronic Nose to Discriminate and Classify Sub-ppm NO <sub>2</sub> . <i>Sensors</i> , 2022, 22, 1261.	3.8	8
7	Graphene-Based Biosensors for Molecular Chronic Inflammatory Disease Biomarker Detection. <i>Biosensors</i> , 2022, 12, 244.	4.7	7
8	Interaction of 5-S-cysteinyldopamine with graphene oxide: an experimental and theoretical study for the detection of a Parkinson's disease biomarker. <i>New Journal of Chemistry</i> , 2019, 43, 15861-15870.	2.8	6
9	Graphenic substrates as modifiers of the emission and vibrational responses of interacting molecules: The case of BODIPY dyes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 246, 119020.	3.9	5
10	Identification of Fe(III)-OH species as a catalytic intermediate in plant peroxidases at high H <sub>2</sub> O <sub>2</sub> concentration. <i>New Journal of Chemistry</i> , 2022, 46, 4579-4586.	2.8	3
11	The Peptide AmPep1 Derived from Amaranth Recognizes the Replication Hairpin of TYLCV Disturbing Its Replication Process in Host Plants. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 9241-9253.	5.2	2
12	Three-Dimensional Porous Scaffolds Derived from Bovine Cancellous Bone Matrix Promote Osteoinduction, Osteoconduction, and Osteogenesis. <i>Polymers</i> , 2021, 13, 4390.	4.5	2