

# Rodell C Barrientos

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

221  
citations

1162889  
8  
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1125617  
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docs citations

13  
times ranked

311  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gangliosides are essential endosomal receptors for quasi-enveloped and naked hepatitis A virus. <i>Nature Microbiology</i> , 2020, 5, 1069-1078.	5.9	45
2	Structural Analysis of Unsaturated Glycosphingolipids Using Shotgun Ozone-Induced Dissociation Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 2330-2343.	1.2	29
3	Novel Vaccine That Blunts Fentanyl Effects and Sequesters Ultrapotent Fentanyl Analogues. <i>Molecular Pharmaceutics</i> , 2020, 17, 3447-3460.	2.3	27
4	Extraction, isolation and MALDI-QTOF MS/MS analysis of $\beta$ -D-Glucan from the fruiting bodies of <i>Daedalea quercina</i> . <i>International Journal of Biological Macromolecules</i> , 2016, 93, 226-234.	3.6	21
5	Isobaric Labeling of Intact Gangliosides toward Multiplexed LC-MS/MS-Based Quantitative Analysis. <i>Analytical Chemistry</i> , 2018, 90, 2578-2586.	3.2	21
6	Recent advances in the mass spectrometric analysis of glycosphingolipids – A review. <i>Analytica Chimica Acta</i> , 2020, 1132, 134-155.	2.6	21
7	Bivalent Conjugate Vaccine Induces Dual Immunogenic Response That Attenuates Heroin and Fentanyl Effects in Mice. <i>Bioconjugate Chemistry</i> , 2021, 32, 2295-2306.	1.8	19
8	Novel chimeric monoclonal antibodies that block fentanyl effects and alter fentanyl biodistribution in mice. <i>MAbs</i> , 2021, 13, 1991552.	2.6	12
9	Differential Isotope Labeling by Permethylated and Reversed-Phase Liquid Chromatography-Mass Spectrometry for Relative Quantification of Intact Neutral Glycolipids in Mammalian Cells. <i>Analytical Chemistry</i> , 2019, 91, 9673-9681.	3.2	8
10	Fragmentation Behavior and Gas-Phase Structures of Cationized Glycosphingolipids in Ozone-Induced Dissociation Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1609-1620.	1.2	7
11	Synthesis and immunological effects of C14-linked 4,5-epoxymorphinan analogues as novel heroin vaccine haptens. <i>RSC Chemical Biology</i> , 2021, 2, 835-842.	2.0	5
12	Synthesis of a deuterated $^6\text{Li}$ -labeled internal standard for the determination of hapten density in a heroin vaccine drug product. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2020, 63, 564-571.	0.5	4
13	Design, Synthesis, and In Vivo Evaluation of C1-Linked 4,5-Epoxymorphinan Haptens for Heroin Vaccines. <i>Molecules</i> , 2022, 27, 1553.	1.7	2