

# Esther Julián

## List of Publications by Year in descending order

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59  
papers

1,433  
citations

430874

18  
h-index

361022

35  
g-index

64  
all docs

64  
docs citations

64  
times ranked

1922  
citing authors

#	ARTICLE	IF	CITATIONS
1	Disassembling bacterial extracellular matrix with DNase-coated nanoparticles to enhance antibiotic delivery in biofilm infections. <i>Journal of Controlled Release</i> , 2015, 209, 150-158.	9.9	182
2	Swarming behavior and in vivo monitoring of enzymatic nanomotors within the bladder. <i>Science Robotics</i> , 2021, 6, .	17.6	144
3	&lt;p&gt;Bacillus Calmette-GuÃ©rin (BCG) Therapy for Bladder Cancer: An Update&lt;/p&gt;; <i>ImmunoTargets and Therapy</i> , 2020, Volume 9, 1-11.	5.8	116
4	Microscopic Cords, a Virulence-Related Characteristic of <i>Mycobacterium tuberculosis</i> , Are Also Present in Nonpathogenic Mycobacteria. <i>Journal of Bacteriology</i> , 2010, 192, 1751-1760.	2.2	80
5	Mycobacteria Clumping Increase Their Capacity to Damage Macrophages. <i>Frontiers in Microbiology</i> , 2016, 7, 1562.	3.5	60
6	Connaught and Russian Strains Showed the Highest Direct Antitumor Effects of Different Bacillus Calmette-GuÃ©rin Substrains. <i>Journal of Urology</i> , 2013, 189, 711-718.	0.4	48
7	Serodiagnosis of Tuberculosis: Comparison of Immunoglobulin A (IgA) Response to Sulfolipid I with IgG and IgM Responses to 2,3-Diacyltrehalose, 2,3,6-Triacyltrehalose, and Cord Factor Antigens. <i>Journal of Clinical Microbiology</i> , 2002, 40, 3782-3788.	3.9	42
8	Comparison of Antibody Responses to a Potential Combination of Specific Glycolipids and Proteins for Test Sensitivity Improvement in Tuberculosis Serodiagnosis. <i>Vaccine Journal</i> , 2004, 11, 70-76.	2.6	41
9	An ELISA for five glycolipids from the cell wall of <i>Mycobacterium tuberculosis</i> :. <i>Journal of Immunological Methods</i> , 2001, 251, 21-30.	1.4	40
10	TLR2 but not TLR4 Signalling is Critically Involved in the Inhibition of IFN- $\gamma$ -induced Killing of Mycobacteria by Murine Macrophages. <i>Scandinavian Journal of Immunology</i> , 2007, 65, 148-157.	2.7	40
11	Demonstration of Cord Formation by Rough <i>Mycobacterium abscessus</i> Variants: Implications for the Clinical Microbiology Laboratory. <i>Journal of Clinical Microbiology</i> , 2011, 49, 2293-2295.	3.9	39
12	Determinant role for Toll-like receptor signalling in acute mycobacterial infection in the respiratory tract. <i>Microbes and Infection</i> , 2006, 8, 1790-1800.	1.9	36
13	Neutral-red reaction is related to virulence and cell wall methyl-branched lipids in <i>Mycobacterium tuberculosis</i> . <i>Microbes and Infection</i> , 2006, 8, 183-190.	1.9	36
14	Surface Spreading Motility Shown by a Group of Phylogenetically Related, Rapidly Growing Pigmented Mycobacteria Suggests that Motility Is a Common Property of Mycobacterial Species but Is Restricted to Smooth Colonies. <i>Journal of Bacteriology</i> , 2008, 190, 6894-6902.	2.2	33
15	Killed but Metabolically Active <i>Mycobacterium bovis</i> bacillus Calmette-GuÃ©rin Retains the Antitumor Ability of Live bacillus Calmette-GuÃ©rin. <i>Journal of Urology</i> , 2014, 191, 1422-1428.	0.4	26
16	Trehalose Polyphleates, External Cell Wall Lipids in <i>Mycobacterium abscessus</i> , Are Associated with the Formation of Clumps with Cording Morphology, Which Have Been Associated with Virulence. <i>Frontiers in Microbiology</i> , 2017, 8, 1402.	3.5	25
17	Pentafluorosulfanyl-containing Triclocarban Analogs with Potent Antimicrobial Activity. <i>Molecules</i> , 2018, 23, 2853.	3.8	25
18	Nonpathogenic <i>Mycobacterium brumae</i> Inhibits Bladder Cancer Growth In Vitro, Ex Vivo, and In Vivo. <i>European Urology Focus</i> , 2016, 2, 67-76.	3.1	22

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19	Seroreactive species-specific lipooligosaccharides of <i>Mycobacterium mucogenicum</i> sp. nov. (formerly Tj ETQq1 10.784314 rgBT /Ov) (United Kingdom), 1998, 144, 137-148.	1.8	21
20	Occurrence of an antigenic triacyl trehalose in clinical isolates and reference strains of <i>Mycobacterium tuberculosis</i> . FEMS Microbiology Letters, 2006, 157, 251-259.	1.8	21
21	Production of Antibodies against Glycolipids from the <i>Mycobacterium tuberculosis</i> Cell Wall in Aerosol Murine Models of Tuberculosis. Scandinavian Journal of Immunology, 2002, 55, 639-645.	2.7	19
22	Detection of lipoarabinomannan antibodies in patients with newly acquired tuberculosis and patients with relapse tuberculosis. Journal of Clinical Microbiology, 1997, 35, 2663-2664.	3.9	19
23	<i>Mycobacteria</i> emulsified in olive oil-in-water trigger a robust immune response in bladder cancer treatment. Scientific Reports, 2016, 6, 27232.	3.3	15
24	Prevalence and Concentration of Non-tuberculous <i>Mycobacteria</i> in Cooling Towers by Means of Quantitative PCR: A Prospective Study. Current Microbiology, 2011, 62, 313-319.	2.2	14
25	<i>Mycobacteria</i> -Based Vaccines as Immunotherapy for Non-urological Cancers. Cancers, 2020, 12, 1802.	3.7	14
26	Natural Killer Anti-Tumor Activity Can Be Achieved by In Vitro Incubation With Heat-Killed BCG. Frontiers in Immunology, 2021, 12, 622995.	4.8	14
27	Exposure to <i>Mycobacteria</i> Primes the Immune System for Evolutionarily Diverse Heat Shock Proteins. Infection and Immunity, 2005, 73, 7687-7696.	2.2	13
28	$\hat{I}^3$ Irradiated <i>Mycobacteria</i> Enhance Survival in Bladder Tumor Bearing Mice Although Less Efficaciously than Live <i>Mycobacteria</i> . Journal of Urology, 2016, 195, 198-205.	0.4	13
29	A single point mutation in class III ribonucleotide reductase promoter renders <i>Pseudomonas aeruginosa</i> PAO1 inefficient for anaerobic growth and infection. Scientific Reports, 2017, 7, 13350.	3.3	13
30	Effects of <i>Mycobacterium bovis</i> Calmette et Guérin (BCG) in oncotherapy: Bladder cancer and beyond. Vaccine, 2021, 39, 7332-7340.	3.8	13
31	Distribution of surface-exposed antigenic glycolipids in recent clinical isolates of <i>Mycobacterium tuberculosis</i> . Research in Microbiology, 1997, 148, 405-412.	2.1	12
32	The production of a new extracellular putative long-chain saturated polyester by smooth variants of <i>Mycobacterium vaccae</i> interferes with Th1-cytokine production. Antonie Van Leeuwenhoek, 2006, 90, 93-108.	1.7	12
33	Methyl-Hydroxylamine as an Efficacious Antibacterial Agent That Targets the Ribonucleotide Reductase Enzyme. PLoS ONE, 2015, 10, e0122049.	2.5	12
34	Draft Genome Sequences of <i>Mycobacterium setense</i> Type Strain DSM-45070 and the Nonpathogenic Strain Manresensis, Isolated from the Bank of the Cardener River in Manresa, Catalonia, Spain. Genome Announcements, 2015, 3, .	0.8	11
35	Intravesical <i>Mycobacterium brumae</i> triggers both local and systemic immunotherapeutic responses against bladder cancer in mice. Scientific Reports, 2018, 8, 15102.	3.3	11
36	Easy differentiation of <i>Mycobacterium mucogenicum</i> from other species of the <i>Mycobacterium fortuitum</i> complex by thin-layer and gas chromatography of fatty esters and alcohols. Biomedical Applications, 1997, 689, 341-347.	1.7	10

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37	Magneto-actuated immunoassay for the detection of <i>Mycobacterium fortuitum</i> in hemodialysis water. <i>Talanta</i> , 2016, 153, 38-44.	5.5	10
38	Hydroxylamine Derivatives as a New Paradigm in the Search of Antibacterial Agents. <i>ACS Omega</i> , 2018, 3, 17057-17069.	3.5	10
39	Mice with Pulmonary Tuberculosis Treated with <i>Mycobacterium vaccae</i> Develop Strikingly Enhanced Recall Gamma Interferon Responses to <i>M. vaccae</i> Cell Wall Skeleton. <i>Vaccine Journal</i> , 2008, 15, 893-896.	3.1	9
40	Therapeutic efficacy of the live-attenuated <i>Mycobacterium tuberculosis</i> vaccine, MTBVAC, in a preclinical model of bladder cancer. <i>Translational Research</i> , 2018, 197, 32-42.	5.0	9
41	<i>Mycobacterium brumae</i> is a Safe and Non-Toxic Immunomodulatory Agent for Cancer Treatment. <i>Vaccines</i> , 2020, 8, 198.	4.4	9
42	Dissemination of <i>Mycobacterium tuberculosis</i> is associated to a <i>SIGLEC1</i> null variant that limits antigen exchange via trafficking extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12046.	12.2	9
43	Revisited mycolic acid pattern of <i>Mycobacterium confluentis</i> using thin-layer chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 2821-2826.	2.3	7
44	Cyclopropanation of $\beta$ -mycolic acids is not required for cording in <i>Mycobacterium brumae</i> and <i>Mycobacterium fallax</i> . <i>Microbiology (United Kingdom)</i> , 2012, 158, 1615-1621.	1.8	7
45	Antibacterial activity of novel benzopolycyclic amines. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 290-296.	3.0	7
46	Immunomagnetic Separation Improves the Detection of Mycobacteria by Paper-Based Lateral and Vertical Flow Immunochromatographic Assays. <i>Sensors</i> , 2021, 21, 5992.	3.8	7
47	Cording <i>Mycobacterium tuberculosis</i> Bacilli Have a Key Role in the Progression towards Active Tuberculosis, Which is Stopped by Previous Immune Response. <i>Microorganisms</i> , 2020, 8, 228.	3.6	7
48	BCG Substrains Change Their Outermost Surface as a Function of Growth Media. <i>Vaccines</i> , 2022, 10, 40.	4.4	7
49	Analysis of the Lipid Composition of Mycobacteria by Thin Layer Chromatography. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	6
50	Each <i>Mycobacterium</i> Requires a Specific Culture Medium Composition for Triggering an Optimized Immunomodulatory and Antitumoral Effect. <i>Microorganisms</i> , 2020, 8, 734.	3.6	5
51	Increased levels of immunological markers in the respiratory tract but not in serum correlate with active pulmonary mycobacterial infection in mice. <i>Clinical Microbiology and Infection</i> , 2009, 15, 777-786.	6.0	4
52	Misdiagnosis of <i>Mycobacterium brumae</i> Infection. <i>Journal of Clinical Microbiology</i> , 2011, 49, 1190-1192.	3.9	4
53	Draft Genome Sequence of <i>Mycobacterium brumae</i> ATCC 51384. <i>Genome Announcements</i> , 2016, 4, .	0.8	4
54	Molecule confirmation and structure characterization of pentatriacontatrienyl mycolate in <i>Mycobacterium smegmatis</i> . <i>Chemistry and Physics of Lipids</i> , 2018, 212, 138-143.	3.2	4

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55	Easily applicable modifications to electroporation conditions improve the transformation efficiency rates for rough morphotypes of fast-growing mycobacteria. <i>New Biotechnology</i> , 2021, 63, 10-18.	4.4	4
56	Mycobacterial surface characters remodeled by growth conditions drive different tumor-infiltrating cells and systemic IFN- $\gamma$ /IL-17 release in bladder cancer treatment. <i>Oncolmunology</i> , 2022, 11, 2051845.	4.6	3
57	Impaired Gamma Interferon Response to <i>Mycobacterium vaccae</i> Antigens in Patients with Cavitory Pulmonary Tuberculosis. <i>Vaccine Journal</i> , 2008, 15, 1485-1488.	3.1	2
58	Mycobacteria-Derived Agents for the Treatment of Urological and Renal Cancers. , 2018, , .		2
59	Cording, a Virulence-related Characteristic of Mycobacteria, Analysis Using SEM. <i>Microscopy and Microanalysis</i> , 2012, 18, 21-22.	0.4	0