

# Gabriel GarcÃ-a Caballero

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

569  
citations

623734

14  
h-index

713466

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

384  
citing authors

#	ARTICLE	IF	CITATIONS
1	Galectins: their network and roles in immunity/tumor growth control. <i>Histochemistry and Cell Biology</i> , 2017, 147, 239-256.	1.7	111
2	Lectins: a primer for histochemists and cell biologists. <i>Histochemistry and Cell Biology</i> , 2017, 147, 199-222.	1.7	107
3	From glycophenotyping by (plant) lectin histochemistry to defining functionality of glycans by pairing with endogenous lectins. <i>Histochemistry and Cell Biology</i> , 2018, 149, 547-568.	1.7	36
4	How galectins have become multifunctional proteins. <i>Histology and Histopathology</i> , 2020, 35, 509-539.	0.7	33
5	Network analysis of adhesion/growth-regulatory galectins and their binding sites in adult chicken retina and choroid. <i>Journal of Anatomy</i> , 2017, 231, 23-37.	1.5	31
6	Galectin-related protein: An integral member of the network of chicken galectins. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 2298-2312.	2.4	30
7	Chicken GRIFIN: A homodimeric member of the galectin network with canonical properties and a unique expression profile. <i>Biochimie</i> , 2016, 128-129, 34-47.	2.6	26
8	Galectin-related protein: An integral member of the network of chicken galectins 1. From strong sequence conservation of the gene confined to vertebrates to biochemical characteristics of the chicken protein and its crystal structure. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 2285-2297.	2.4	23
9	How altering the modular architecture affects aspects of lectin activity: case study on human galectin-1. <i>Glycobiology</i> , 2019, 29, 593-607.	2.5	20
10	Influence of protein (human galectin-3) design on aspects of lectin activity. <i>Histochemistry and Cell Biology</i> , 2020, 154, 135-153.	1.7	19
11	Chicken lens development: complete signature of expression of galectins during embryogenesis and evidence for their complex formation with I <sub>±</sub> , I <sup>2</sup> , I <sup>-</sup> , and I <sub>n</sub> -crystallins, N-CAM, and N-cadherin obtained by affinity chromatography. <i>Cell and Tissue Research</i> , 2020, 379, 13-35.	2.9	17
12	Three-step monitoring of glycan and galectin profiles in the anterior segment of the adult chicken eye. <i>Annals of Anatomy</i> , 2018, 217, 66-81.	1.9	16
13	Members of the Galectin Network with Deviations from the Canonical Sequence Signature. 1. &lt;i>G&lt;/i> &lt;i>galectin&lt;/i> &lt;i>R&lt;/i> &lt;i>related&lt;/i> &lt;i>I&lt;/i> &lt;i>nter&lt;/i> &lt;i>F&lt;/i> &lt;i>iber Prote&lt;/i> &lt;i>in&lt;/i> &lt;i>(GRIFIN)&lt;/i>. <i>Trends in Glycoscience and Glycotechnology</i> , 2018, 30, SE1-SE9.	0.1	16
14	How presence of a signal peptide affects human galectins-1 and -4: Clues to explain common absence of a leader sequence among adhesion/growth-regulatory galectins. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129449.	2.4	16
15	Chicken GRIFIN: binding partners, developmental course of localization and activation of its lens-specific gene expression by L-Maf/Pax6. <i>Cell and Tissue Research</i> , 2019, 375, 665-683.	2.9	13
16	Members of the Galectin Network with Deviations from the Canonical Sequence Signature. 2. &lt;i>G&lt;/i> &lt;i>galectin&lt;/i> &lt;i>R&lt;/i> &lt;i>related&lt;/i> &lt;i>P&lt;/i> &lt;i>rotein (GRP)&lt;/i>. <i>Trends in Glycoscience and Glycotechnology</i> , 2018, 30, SE11-SE20.	0.1	12
17	Chicken GRIFIN: Structural characterization in crystals and in solution. <i>Biochimie</i> , 2018, 146, 127-138.	2.6	11
18	What Cyto- and Histochemistry Can Do to Crack the Sugar Code. <i>Acta Histochemica Et Cytochemica</i> , 2021, 54, 31-48.	1.6	11

#	ARTICLE	IF	CITATIONS
19	Revealing biomedically relevant cell and lectin type-dependent structure–activity profiles for glycoclusters by using tissue sections as an assay platform. <i>RSC Advances</i> , 2018, 8, 28716-28735.	3.6	10
20	Imitating evolution’s tinkering by protein engineering reveals extension of human galectin-7 activity. <i>Histochemistry and Cell Biology</i> , 2021, 156, 253-272.	1.7	7
21	Glycobiology of developing chicken kidney: Profiling the galectin family and selected $\beta$ -galactosides. <i>Anatomical Record</i> , 2021, 304, 1597-1628.	1.4	4
22	Exploring the Galectin Network by Light and. <i>Methods in Molecular Biology</i> , 2022, 2442, 307-338.	0.9	0