

# Riccardo Sgarra

## List of Publications by Year in descending order

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49  
papers

3,132  
citations

236925

25  
h-index

197818

49  
g-index

49  
all docs

49  
docs citations

49  
times ranked

4062  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transfusion independence and HMGA2 activation after gene therapy of human $\beta^0$ -thalassaemia. <i>Nature</i> , 2010, 467, 318-322.	27.8	1,153
2	Nuclear phosphoproteins HMGA and their relationship with chromatin structure and cancer. <i>FEBS Letters</i> , 2004, 574, 1-8.	2.8	206
3	HMGA1 promotes metastatic processes in basal-like breast cancer regulating EMT and stemness. <i>Oncotarget</i> , 2013, 4, 1293-1308.	1.8	145
4	Transcriptional Activation of the Cyclin A Gene by the Architectural Transcription Factor HMGA2. <i>Molecular and Cellular Biology</i> , 2003, 23, 9104-9116.	2.3	140
5	Proneural-Mesenchymal Transition: Phenotypic Plasticity to Acquire Multitherapy Resistance in Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2746.	4.1	138
6	HMGA molecular network: From transcriptional regulation to chromatin remodeling. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2010, 1799, 37-47.	1.9	105
7	The AT-hook of the Chromatin Architectural Transcription Factor High Mobility Group A1a Is Arginine-methylated by Protein Arginine Methyltransferase 6. <i>Journal of Biological Chemistry</i> , 2006, 281, 3764-3772.	3.4	85
8	High Mobility Group A (HMGA) proteins: Molecular instigators of breast cancer onset and progression. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2018, 1869, 216-229.	7.4	72
9	A novel HMGA1-CCNE2-YAP axis regulates breast cancer aggressiveness. <i>Oncotarget</i> , 2015, 6, 19087-19101.	1.8	70
10	HMGA1 promotes breast cancer angiogenesis supporting the stability, nuclear localization and transcriptional activity of FOXM1. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 313.	8.6	67
11	NF- $\kappa$ B mediated transcriptional activation is enhanced by the architectural factor HMGI-C. <i>Nucleic Acids Research</i> , 1998, 26, 1433-1439.	14.5	64
12	The Epithelial-Mesenchymal Transition at the Crossroads between Metabolism and Tumor Progression. <i>International Journal of Molecular Sciences</i> , 2022, 23, 800.	4.1	59
13	Molecular Dissection of the Architectural Transcription Factor HMGA2. <i>Biochemistry</i> , 2003, 42, 4569-4577.	2.5	50
14	During Apoptosis of Tumor Cells HMGA1a Protein Undergoes Methylation: Identification of the Modification Site by Mass Spectrometry. <i>Biochemistry</i> , 2003, 42, 3575-3585.	2.5	50
15	HMGA1 is a novel downstream nuclear target of the insulin receptor signaling pathway. <i>Scientific Reports</i> , 2012, 2, 251.	3.3	50
16	A Polypyrimidine/Polypurine Tract within the Hmga2 Minimal Promoter: A Common Feature of Many Growth-Related Genes. <i>Biochemistry</i> , 2002, 41, 1229-1240.	2.5	49
17	Discovering high mobility group A molecular partners in tumour cells. <i>Proteomics</i> , 2005, 5, 1494-1506.	2.2	48
18	A Link between Apoptosis and Degree of Phosphorylation of High Mobility Group A1a Protein in Leukemic Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 11354-11361.	3.4	47

#	ARTICLE	IF	CITATIONS
19	Translating Proteomic Into Functional Data: An High Mobility Group A1 (HMGA1) Proteomic Signature Has Prognostic Value in Breast Cancer. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 109-123.	3.8	41
20	Transcriptional Regulation of Glucose Metabolism: The Emerging Role of the HMGA1 Chromatin Factor. <i>Frontiers in Endocrinology</i> , 2018, 9, 357.	3.5	40
21	HMGA1 regulates the Plasminogen activation system in the secretome of breast cancer cells. <i>Scientific Reports</i> , 2017, 7, 11768.	3.3	36
22	Macroscopic Differences in HMGA Oncoproteins Post-Translational Modifications: C-Terminal Phosphorylation of HMGA2 Affects Its DNA Binding Properties. <i>Journal of Proteome Research</i> , 2009, 8, 2978-2989.	3.7	35
23	Interaction proteomics of the HMGA chromatin architectural factors. <i>Proteomics</i> , 2008, 8, 4721-4732.	2.2	29
24	Conformational Role for the C-Terminal Tail of the Intrinsically Disordered High Mobility Group A (HMGA) Chromatin Factors. <i>Journal of Proteome Research</i> , 2011, 10, 3283-3291.	3.7	28
25	Cleavage of the iron-methionine bond in c-type cytochromes: Crystal structure of oxidized and reduced cytochrome c2 from <i>Rhodospseudomonas palustris</i> and its ammonia complex. <i>Protein Science</i> , 2002, 11, 6-17.	7.6	26
26	Increase of HMGA1a protein methylation is a distinctive characteristic of leukaemic cells induced to undergo apoptosis. <i>Cell Death and Differentiation</i> , 2003, 10, 386-389.	11.2	25
27	The High Mobility Group A1 (HMGA1) Chromatin Architectural Factor Modulates Nuclear Stiffness in Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2733.	4.1	24
28	Hmga2 is required for neural crest cell specification in <i>Xenopus laevis</i> . <i>Developmental Biology</i> , 2016, 411, 25-37.	2.0	23
29	HMGA1 Modulates Gene Transcription Sustaining a Tumor Signalling Pathway Acting on the Epigenetic Status of Triple-Negative Breast Cancer Cells. <i>Cancers</i> , 2019, 11, 1105.	3.7	23
30	The expression of the high-mobility group A2 protein in colorectal cancer and surrounding fibroblasts is linked to tumor invasiveness. <i>Human Pathology</i> , 2013, 44, 122-132.	2.0	22
31	Semaphorin-7A on Exosomes: A Promigratory Signal in the Glioma Microenvironment. <i>Cancers</i> , 2019, 11, 758.	3.7	22
32	HMGA2 Antisense Long Non-coding RNAs as New Players in the Regulation of HMGA2 Expression and Pancreatic Cancer Promotion. <i>Frontiers in Oncology</i> , 2019, 9, 1526.	2.8	19
33	The HMGA gene family in chordates: evolutionary perspectives from amphioxus. <i>Development Genes and Evolution</i> , 2017, 227, 201-211.	0.9	18
34	HMGA Interactome: New Insights from Phage Display Technology. <i>Biochemistry</i> , 2011, 50, 3462-3468.	2.5	16
35	A novel mechanism of post-translational modulation of HMGA functions by the histone chaperone nucleophosmin. <i>Scientific Reports</i> , 2015, 5, 8552.	3.3	16
36	The Architectural Chromatin Factor High Mobility Group A1 Enhances DNA Ligase IV Activity Influencing DNA Repair. <i>PLoS ONE</i> , 2016, 11, e0164258.	2.5	13

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37	The binding landscape of a partially-selective isopeptidase inhibitor with potent pro-death activity, based on the bis(arylidene)cyclohexanone scaffold. <i>Cell Death and Disease</i> , 2018, 9, 184.	6.3	13
38	DNA binding of NF-Y: the effect of HMGI proteins depends upon the CCAAT box. <i>FEBS Letters</i> , 1998, 433, 174-178.	2.8	11
39	An Albumin-Derived Peptide Scaffold Capable of Binding and Catalysis. <i>PLoS ONE</i> , 2013, 8, e56469.	2.5	10
40	Identification and Characterization of New Molecular Partners for the Protein Arginine Methyltransferase 6 (PRMT6). <i>PLoS ONE</i> , 2013, 8, e53750.	2.5	9
41	Targeting the intrinsically disordered architectural High Mobility Group A (HMGA) oncoproteins in breast cancer: learning from the past to design future strategies. <i>Expert Opinion on Therapeutic Targets</i> , 2020, 24, 953-969.	3.4	7
42	High Mobility Group A (HMGA): Chromatin Nodes Controlled by a Knotty miRNA Network. <i>International Journal of Molecular Sciences</i> , 2020, 21, 717.	4.1	6
43	Hmga2 promoter analysis in transgenic mice. <i>Biochemical and Biophysical Research Communications</i> , 2003, 309, 718-723.	2.1	5
44	Heterogeneity of triple-negative breast cancer: understanding the Daedalian labyrinth and how it could reveal new drug targets. <i>Expert Opinion on Therapeutic Targets</i> , 2022, 26, 557-573.	3.4	5
45	Differential HMGA expression and post-translational modifications in prostatic tumor cells. <i>International Journal of Oncology</i> , 2005, 26, 515.	3.3	3
46	Expression and Functional Characterization of Xhmg-at-hook Genes in <i>Xenopus laevis</i> . <i>PLoS ONE</i> , 2013, 8, e69866.	2.5	3
47	Elastase-Activated Antimicrobial Peptide for a Safer Pulmonary Treatment of Cystic Fibrosis Infections. <i>Antibiotics</i> , 2022, 11, 319.	3.7	3
48	HMGA1 positively regulates the microtubule-destabilizing protein stathmin promoting motility in TNBC cells and decreasing tumour sensitivity to paclitaxel. <i>Cell Death and Disease</i> , 2022, 13, 429.	6.3	2
49	Identification and characterisation of crustacean hyperglycaemic hormone (CHH) from Mediterranean shore crab <i>Carcinusaestuarii</i> . <i>Turkish Journal of Zoology</i> , 2021, 45, 25-32.	0.9	1