Mario D Galigniana

List of Publications by Year
in descending order

99	5,383	61857	85405
papers	citations	43 h-index	71 g-index

101	101	101	4290
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Role of hsp90 and the hsp90-binding immunophilins in signalling protein movement. Cellular Signalling, 2004, 16, 857-872.	1.7	267
2	Protein Phosphatase 5 Is a Major Component of Glucocorticoid ReceptorÂ·hsp90 Complexes with Properties of an FK506-binding Immunophilin. Journal of Biological Chemistry, 1997, 272, 16224-16230.	1.6	233
3	FKBP51 and FKBP52 in signaling and disease. Trends in Endocrinology and Metabolism, 2011, 22, 481-490.	3.1	231
4	Evidence That the Peptidylprolyl Isomerase Domain of the hsp90-binding Immunophilin FKBP52 Is Involved in Both Dynein Interaction and Glucocorticoid Receptor Movement to the Nucleus. Journal of Biological Chemistry, 2001, 276, 14884-14889.	1.6	209
5	Role of molecular chaperones in steroid receptor action. Essays in Biochemistry, 2004, 40, 41-58.	2.1	196
6	A Model for the Cytoplasmic Trafficking of Signalling Proteins Involving the hsp90-Binding Immunophilins and p50cdc37. Cellular Signalling, 1999, 11, 839-851.	1.7	173
7	Different Regions of the Immunophilin FKBP52 Determine Its Association with the Glucocorticoid Receptor, hsp90, and Cytoplasmic Dynein. Journal of Biological Chemistry, 1999, 274, 36980-36986.	1.6	170
8	Heat Shock Protein 90-Dependent (Geldanamycin-Inhibited) Movement of the Glucocorticoid Receptor through the Cytoplasm to the Nucleus Requires Intact Cytoskeleton. Molecular Endocrinology, 1998, 12, 1903-1913.	3.7	163
9	Geldanamycin, a Heat Shock Protein 90-Binding Benzoquinone Ansamycin, Inhibits Steroid-Dependent Translocation of the Glucocorticoid Receptor from the Cytoplasm to the Nucleusâ€. Biochemistry, 1997, 36, 7776-7785.	1.2	150
10	The Role of DnaJ-like Proteins in Glucocorticoid ReceptorÂ·hsp90 Heterocomplex Assembly by the Reconstituted hsp90Â·p60Â·hsp70 Foldosome Complex. Journal of Biological Chemistry, 1998, 273, 7358-7366.	1.6	148
11	The hsp90-FKBP52 Complex Links the Mineralocorticoid Receptor to Motor Proteins and Persists Bound to the Receptor in Early Nuclear Events. Molecular and Cellular Biology, 2010, 30, 1285-1298.	1.1	138
12	Inhibition of Glucocorticoid Receptor Binding by Nitric Oxide. Molecular Pharmacology, 1999, 55, 317-323.	1.0	133
13	Nuclear Import of the Glucocorticoid Receptor-hsp90 Complex through the Nuclear Pore Complex Is Mediated by Its Interaction with Nup62 and Importin Î². Molecular and Cellular Biology, 2009, 29, 4788-4797.	1.1	132
14	Hsp90-binding Immunophilins Link p53 to Dynein During p53 Transport to the Nucleus. Journal of Biological Chemistry, 2004, 279, 22483-22489.	1.6	128
15	Binding of hsp90-Associated Immunophilins to Cytoplasmic Dynein:â€‰ Direct Binding and in Vivo Evidence that the Peptidylprolyl Isomerase Domain Is a Dynein Interaction Domain. Biochemistry, 2002, 41, 13602-13610.	1.2	107
16	Evidence for Glucocorticoid Receptor Transport on Microtubules by Dynein. Journal of Biological Chemistry, 2004, 279, 54647-54654.	1.6	107
17	Pifithrin-Î± Inhibits p53 Signaling after Interaction of the Tumor Suppressor Protein with hsp90 and Its Nuclear Translocation. Journal of Biological Chemistry, 2004, 279, 30195-30201.	1.6	100
18	Role of molecular chaperones and TPR-domain proteins in the cytoplasmic transport of steroid receptors and their passage through the nuclear pore. Nucleus, 2010, 1, 299-308.	0.6	97

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19	The 90-kDa Heat-shock Protein (Hsp90)-binding Immunophilin FKBP51 Is a Mitochondrial Protein That Translocates to the Nucleus to Protect Cells against Oxidative Stress. Journal of Biological Chemistry, 2011, 286, 30152-30160.	1.6	93
20	Differential Recruitment of Tetratricorpeptide Repeat Domain Immunophilins to the Mineralocorticoid Receptor Influences both Heat-Shock Protein 90-Dependent Retrotransport and Hormone-Dependent Transcriptional Activity. Biochemistry, 2007, 46, 14044-14057.	1.2	88
21	Inhibition of Glucocorticoid Receptor Nucleocytoplasmic Shuttling by Okadaic Acid Requires Intact Cytoskeleton. Journal of Biological Chemistry, 1999, 274, 16222-16227.	1.6	84
22	Subcellular rearrangement of hsp90â€binding immunophilins accompanies neuronal differentiation and neurite outgrowth. Journal of Neurochemistry, 2010, 115, 716-734.	2.1	82
23	NF-ÎºB Transcriptional Activity Is Modulated by FK506-binding Proteins FKBP51 and FKBP52. Journal of Biological Chemistry, 2014, 289, 26263-26276.	1.6	82
24	Differential Responsivity of the Hypothalamic-Pituitary-Adrenal Axis to Glucocorticoid Negative-Feedback and Corticotropin Releasing Hormone in Rats Undergoing Morphine Withdrawal: Possible Mechanisms Involved in Facilitated and Attenuated Stress Response. Journal of Neuroendocrinology, 2001, 13, 875-886.	1.2	79
25	Stoichiometry, Abundance, and Functional Significance of the hsp90/hsp70-based Multiprotein Chaperone Machinery in Reticulocyte Lysate. Journal of Biological Chemistry, 2001, 276, 30092-30098.	1.6	79
26	Arabidopsis immunophilins ROF1 (AtFKBP62) and ROF2 (AtFKBP65) exhibit tissue specificity, are heat-stress induced, and bind HSP90. Plant Molecular Biology, 2007, 63, 237-255.	2.0	79
27	Differential Effects of the hsp70-binding Protein BAG-1 on Glucocorticoid Receptor Folding by the hsp90-based Chaperone Machinery. Journal of Biological Chemistry, 1999, 274, 34134-34140.	1.6	77
28	Regulation of steroid hormone receptor function by the 52-kDa FK506-binding protein (FKBP52). Current Opinion in Pharmacology, 2011, 11, 314-319.	1.7	73
29	Biological Actions of the Hsp90-binding Immunophilins FKBP51 and FKBP52. Biomolecules, 2019, 9, 52.	1.8	69
30	The Nuclear Receptor Field: A Historical Overview and Future Challenges. Nuclear Receptor Research, 2018, 5, .	2.5	65
31	Regulatory role of the 90-kDa-heat-shock protein (Hsp90) and associated factors on gene expression. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2014, 1839, 71-87.	0.9	62
32	Regulation of the glucocorticoid response to stressâ€related disorders by the Hsp90â€binding immunophilin FKBP51. Journal of Neurochemistry, 2012, 122, 4-18.	2.1	58
33	Retrograde transport of the glucocorticoid receptor in neurites requires dynamic assembly of complexes with the protein chaperone hsp90 and is linked to the CHIP component of the machinery for proteasomal degradation. Molecular Brain Research, 2004, 123, 27-36.	2.5	56
34	Heat Shock Protein 90-Dependent (Geldanamycin-Inhibited) Movement of the Glucocorticoid Receptor through the Cytoplasm to the Nucleus Requires Intact Cytoskeleton. , 0, .		56
35	hsp70 Interacting Protein Hip Does Not Affect Glucocorticoid Receptor Folding by the hsp90-Based Chaperone Machinery Except To Oppose the Effect of BAG-1â€. Biochemistry, 2000, 39, 14314-14321.	1.2	53
36	All of the Protein Interactions That Link Steroid ReceptorÂ·Hsp90Â·Immunophilin Heterocomplexes to Cytoplasmic Dynein Are Common to Plant and Animal Cells. Biochemistry, 2002, 41, 5581-5587.	1.2	53

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37	Subnuclear Localization of C/EBPÎ² Is Regulated by Growth Hormone and Dependent on MAPK. Journal of Biological Chemistry, 2003, 278, 35668-35677.	1.6	53
38	The p160 nuclear receptor co-activator RAC3 exerts an anti-apoptotic role through a cytoplasmatic action. Oncogene, 2008, 27, 2430-2444.	2.6	53
39	Native rat kidney mineralocorticoid receptor is a phosphoprotein whose transformation to a DNA-binding form is induced by phosphatases. Biochemical Journal, 1998, 333, 555-563.	1.7	51
40	Cyclophilin-A Is Bound through Its Peptidylprolyl Isomerase Domain to the Cytoplasmic Dynein Motor Protein Complex. Journal of Biological Chemistry, 2004, 279, 55754-55759.	1.6	50
41	Management of cytoskeleton architecture by molecular chaperones and immunophilins. Cellular Signalling, 2011, 23, 1907-1920.	1.7	49
42	Dynamic mitochondrial-nuclear redistribution of the immunophilin FKBP51 is regulated by PKA signaling pathway to control gene expression in the process of adipocyte differentiation. Journal of Cell Science, 2013, 126, 5357-68.	1.2	49
43	Visualization and Mechanism of Assembly of a Glucocorticoid ReceptorÂ·Hsp70 Complex That Is Primed for Subsequent Hsp90-dependent Opening of the Steroid Binding Cleft. Journal of Biological Chemistry, 2003, 278, 34764-34773.	1.6	47
44	Progestin-induced caveolin-1 expression mediates breast cancer cell proliferation. Oncogene, 2006, 25, 7723-7739.	2.6	45
45	The neuroregenerative mechanism mediated by the Hsp90â€binding immunophilin FKBP52 resembles the early steps of neuronal differentiation. British Journal of Pharmacology, 2012, 166, 637-649.	2.7	45
46	Melatonin Inhibits Glucocorticoid Receptor Nuclear Translocation in Mouse Thymocytes. Endocrinology, 2006, 147, 5452-5459.	1.4	44
47	Evidence for NL1-Independent Nuclear Translocation of the Mineralocorticoid Receptorâ€. Biochemistry, 2007, 46, 1389-1397.	1.2	44
48	Impairment of Mineralocorticoid Receptor (MR)-dependent Biological Response by Oxidative Stress and Aging. Journal of Biological Chemistry, 2002, 277, 11896-11903.	1.6	38
49	Hsp90â€binding immunophilin FKBP51 forms complexes withÂhTERT enhancing telomerase activity. Molecular Oncology, 2016, 10, 1086-1098.	2.1	34
50	2,4-dihydroxy benzaldehyde derived Schiff bases as small molecule Hsp90 inhibitors: Rational identification of a new anticancer lead. Bioorganic Chemistry, 2015, 59, 97-105.	2.0	32
51	Tautomycin inhibits phosphatase-dependent transformation of the rat kidney mineralocorticoid receptor. Molecular and Cellular Endocrinology, 1998, 144, 119-130.	1.6	29
52	Functions of the Hsp90-Binding FKBP Immunophilins. Sub-Cellular Biochemistry, 2015, 78, 35-68.	1.0	28
53	Oxidative stress induced by L-buthionine-(S,R)-sulfoximine, a selective inhibitor of glutathione metabolism, abrogates mouse kidney mineralocorticoid receptor function. Biochimica Et Biophysica Acta - Molecular Cell Research, 2000, 1495, 263-280.	1.9	27
54	Molecular mechanism of activation and nuclear translocation of the mineralocorticoid receptor upon binding of pregnanesteroids. Molecular and Cellular Endocrinology, 2004, 217, 167-179.	1.6	26

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55	Gene expression regulation by heat-shock proteins: the cardinal roles of HSF1 and Hsp90. Biochemical Society Transactions, 2018, 46, 51-65.	1.6	24
56	Molecular docking study, synthesis and biological evaluation of Schiff bases as Hsp90 inhibitors. Biomedicine and Pharmacotherapy, 2014, 68, 369-376.	2.5	22
57	Stability study on renal type I mineralocorticoid receptor. Life Sciences, 1996, 59, 511-521.	2.0	21
58	Features of the shuttle pair 11Î²-hydroxyprogesterone-11-ketoprogesterone. Steroids, 1997, 62, 358-364.	0.8	21
59	Differences in Nuclear Retention Characteristics of Agonist-Activated Glucocorticoid Receptor May Determine Specific Responses. Experimental Cell Research, 2002, 276, 142-154.	1.2	21
60	Biological relevance of Hsp90â€binding immunophilins in cancer development and treatment. International Journal of Cancer, 2016, 138, 797-808.	2.3	21
61	Comparative inhibition by hard and soft metal ions of steroid-binding capacity of renal mineralocorticoid receptor cross-linked to the 90-kDa heat-shock protein heterocomplex. Biochemical Journal, 1999, 341, 585-592.	1.7	20
62	Steroid Receptor Coupling Becomes Nuclear. Chemistry and Biology, 2012, 19, 662-663.	6.2	20
63	Nucleocytoplasmic shuttling of the glucocorticoid receptor is influenced by tetratricopeptide repeat-containing proteins. Journal of Cell Science, 2020, 133, .	1.2	20
64	Molecular Chaperone Activity and Biological Regulatory Actions of the TPR-Domain Immunophilins FKBP51 and FKBP52. Current Protein and Peptide Science, 2014, 15, 205-215.	0.7	19
65	Hsp90-binding immunophilins as a potential new platform for drug treatment. Future Medicinal Chemistry, 2013, 5, 591-607.	1.1	18
66	Regulation of FKBP51 and FKBP52 functions by post-translational modifications. Biochemical Society Transactions, 2019, 47, 1815-1831.	1.6	18
67	Mechanism of Action of the Potent Sodium-Retaining Steroid 11,19-Oxidoprogesterone. Molecular Pharmacology, 2000, 58, 58-70.	1.0	18
68	Regulation of NF-Î¹B signalling cascade by immunophilins. Current Molecular Pharmacology, 2015, 9, 99-108.	0.7	17
69	System among the corticosteroids: specificity and molecular dynamics. Journal of the Royal Society Interface, 2012, 9, 43-53.	1.5	16
70	Proof that the high molecular weight immunophilin FKBP52 mediates the in vivo neuroregenerative effect of the macrolide FK506. Biochemical Pharmacology, 2020, 182, 114204.	2.0	15
71	Molecular docking study, synthesis and biological evaluation of Mannich bases as Hsp90 inhibitors. International Journal of Biological Macromolecules, 2015, 80, 253-259.	3.6	14
72	Differential regulation of the glucocorticoid receptor nucleocytoplasmic shuttling by TPR-domain proteins. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 119000.	1.9	13

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73	Corticosteroid receptors as a model for the Hsp90â€¢immunophilin-based transport machinery. Trends in Endocrinology and Metabolism, 2021, 32, 827-838.	3.1	12
74	Functional interaction between co-expressed MAGE-A proteins. PLoS ONE, 2017, 12, e0178370.	1.1	11
75	Heme Oxygenase 1 Impairs Glucocorticoid Receptor Activity in Prostate Cancer. International Journal of Molecular Sciences, 2019, 20, 1006.	1.8	11
76	The glucocorticoid properties of the synthetic steroid pregna-1,4-diene-11Î²-ol-3,20-dione (Î”HOP) are not entirely correlated with the steroid binding to the glucocorticoid receptor. Molecular and Cellular Endocrinology, 1999, 149, 207-219.	1.6	10
77	Comparative inhibition by hard and soft metal ions of steroid-binding capacity of renal mineralocorticoid receptor cross-linked to the 90-kDa heat-shock protein heterocomplex. Biochemical Journal, 1999, 341, 585.	1.7	10
78	Correlation between pregnanesteroid conformation, receptor affinity, and anti-natriuretic effect. European Journal of Pharmacology, 2002, 454, 131-143.	1.7	10
79	Synthetic pregnenolone derivatives as antiviral agents against acyclovir-resistant isolates of Herpes Simplex Virus Type 1. Antiviral Research, 2015, 122, 55-63.	1.9	10
80	Cyclophilin A is a mitochondrial factor that forms complexes with p23. Correlative evidence for an antiapoptotic action. Journal of Cell Science, 2021, 134, .	1.2	9
81	Modification of an essential amino group in the mineralocorticoid receptor evidences a differential conformational change of the receptor protein upon binding of antagonists, natural agonists and the synthetic agonist 11,19-oxidoprogesterone. Biochimica Et Biophysica Acta - Molecular Cell Research, 2002, 1589, 31-48.	1.9	8
82	Influence of calf serum on glucocorticoid-responses of certain progesterone derivatives. Journal of Steroid Biochemistry and Molecular Biology, 1998, 66, 211-216.	1.2	7
83	Activation of the Ligandâ€“Mineralocorticoid Receptor Functional Unit by Ancient, Classical, and Novel Ligands. Structureâ€“Activity Relationship. Vitamins and Hormones, 2004, 69, 31-68.	0.7	6
84	Nuclear Receptors: A Historical Perspective. Methods in Molecular Biology, 2019, 1966, 1-5.	0.4	4
85	Role of the Hsp90-Immunophilin Heterocomplex in Cancer Biology. Current Cancer Therapy Reviews, 2020, 16, 19-28.	0.2	4
86	The Hsp90-binding immunophilin FKBP52 enhances neurodifferentiation and neuroregeneration in murine models. Neural Regeneration Research, 2022, 17, 555.	1.6	3
87	Structural Characteristics of the TPR Protein- Hsp90 Interaction: A New Target in Biotechnology. Frontiers in Structural Biology, 2018, , 73-173.	0.3	3
88	Role of Mitochondrial Heat-shock Proteins and Immunophilins in Neuro Degenerative Diseases. Current Drug Targets, 2021, 22, 1596-1617.	1.0	3
89	Reconstitution of the Steroid Receptor Heterocomplex. Methods in Molecular Biology, 2019, 1966, 125-135.	0.4	2
90	Peptidylâ€Prolyl Isomerase Activity of Immunophilins Could Be the Mere Consequence of Protein Complex Organization. BioEssays, 2020, 42, e2000073.	1.2	2

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91	Editorial (Thematic Issue: The Biology of Molecular Chaperones - Very Complex Activities for Quite) Tj ETQq1 1 0.784314 rgBT /Overlock	0.7	1
92	Editorial (Thematic Issue: Immunophilins, Protein Chemistry and Cell Biology of a Promising New Class) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.7	1
93	Aldosterone Receptors and Their Renal Effects: Molecular Biology and Gene Regulation. , 2009, , 329-348.		1
94	Rational Identification of Hsp90 Inhibitors as Anticancer Lead Molecules by Structure Based Drug Designing Approach. Anti-Cancer Agents in Medicinal Chemistry, 2020, 20, 369-385.	0.9	1
95	Molecular basis of mineralocorticoid receptor action in the nervous system. CNS and Neurological Disorders - Drug Targets, 2013, 12, 1163-74.	0.8	1
96	Roles of GR Isoforms and Hsp90-binding Immunophilins in the Modulation of Glucocorticoid Biological Responses. Current Reviews in Clinical and Experimental Pharmacology, 2023, 18, 242-254.	0.4	1
97	Molecular Pharmacology of the Youngest Member of the Nuclear Receptor Family: The Mineralocorticoid Receptor. , 2021, , 1-21.		0
98	HSP90-Based Heterocomplex as Essential Regulator for Cancer Disease. Heat Shock Proteins, 2019, , 19-45.	0.2	0
99	Steroid-dependent management of biological responses in the nervous system. CNS and Neurological Disorders - Drug Targets, 2013, 12, 1143-5.	0.8	0