

Georges M Nemer

List of Publications by Year in Descending Order

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Version: 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

110
papers

2,913
citations

26
h-index

52
g-index

136
ext. papers

3,355
ext. citations

4.1
avg, IF

4.86
L-index

#	Paper	IF	Citations
110	Mutational signatures in GATA3 transcription factor and its DNA binding domain that stimulate breast cancer and HDR syndrome. <i>Scientific Reports</i> , 2021 , 11, 22762	4.9	
109	In silico evidence of beauvericin antiviral activity against SARS-CoV-2.. <i>Computers in Biology and Medicine</i> , 2021 , 141, 105171	7	4
108	The Genetic Pathways Underlying Immunotherapy in Dilated Cardiomyopathy. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 613295	5.4	1
107	Beauvericin potentiates the activity of pesticides by neutralizing the ATP-binding cassette transporters in arthropods. <i>Scientific Reports</i> , 2021 , 11, 10865	4.9	2
106	Consanguinity rates among Syrian refugees in Lebanon: a study on genetic awareness. <i>Journal of Biosocial Science</i> , 2021 , 53, 356-366	1.6	2
105	Comparative characterization of sun exposed and sun protected skin-derived mesenchymal-like stem cells in variegate porphyria and healthy individuals. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2021 , 37, 202-213	2.4	
104	Pharmacogenomics Variability of Lipid-Lowering Therapies in Familial Hypercholesterolemia. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	1
103	Interleukin-37: A Link Between COVID-19, Diabetes, and the Black Fungus.. <i>Frontiers in Microbiology</i> , 2021 , 12, 788741	5.7	0
102	Integrative Transcriptome Analyses Empower the Anti-COVID-19 Drug Arsenal. <i>iScience</i> , 2020 , 23, 101697	7.1	11
101	Activity of Beauvericin against All Developmental Stages of. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	7
100	Thalidomide-Revisited: Are COVID-19 Patients Going to Be the Latest Victims of Yet Another Theoretical Drug-Repurposing?. <i>Frontiers in Immunology</i> , 2020 , 11, 1248	8.4	26
99	The MIQE Guidelines Tenth anniversary: The good and bad students. <i>Gene Reports</i> , 2020 , 19, 100630	1.4	2
98	A novel TRAF3IP2 variant causing familial scarring alopecia with mixed features of discoid lupus erythematosus and folliculitis decalvans. <i>Clinical Genetics</i> , 2020 , 98, 116-125	4	6
97	Correlation of genetic alterations by whole-exome sequencing with clinical outcomes of glioblastoma patients from the Lebanese population. <i>PLoS ONE</i> , 2020 , 15, e0242793	3.7	
96	Post-lingual non-syndromic hearing loss phenotype: a polygenic case with 2 biallelic mutations in MYO15A and MITF. <i>BMC Medical Genetics</i> , 2020 , 21, 1	2.1	7
95	Founder Mutation in N Terminus of Cardiac Troponin I Causes Malignant Hypertrophic Cardiomyopathy. <i>Circulation Genomic and Precision Medicine</i> , 2020 , 13, 444-452	5.2	3
94	The potential oncogenic role of the RAS-like GTP-binding gene RIT1 in glioblastoma. <i>Cancer Biomarkers</i> , 2020 , 29, 509-519	3.8	2

93	The Digenic Causality in Familial Hypercholesterolemia: Revising the Genotype-Phenotype Correlations of the Disease. <i>Frontiers in Genetics</i> , 2020 , 11, 572045	4.5	3
92	Three novel genes tied to mandibular prognathism in eastern Mediterranean families. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2019 , 156, 104-112.e3	2.1	5
91	Epigenetic Suppression of the T-box Subfamily 2 () in Human Non-Small Cell Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	10
90	A Cautious Note on Thalidomide Usage in Cancer Treatment: Genetic Profiling of the TBX2 Sub-Family Gene Expression is Required. <i>Drug Research</i> , 2019 , 69, 512-518	1.8	6
89	A Novel Somatic Variant in HEY2 Unveils an Alternative Splicing Isoform Linked to Ventricular Septal Defect. <i>Pediatric Cardiology</i> , 2019 , 40, 1084-1091	2.1	2
88	Expression analysis of the genes involved in the virulence of <i>Beauveria bassiana</i> . <i>Agri Gene</i> , 2019 , 14, 100094	1.9	5
87	Loss of ferrochelatase is protective against colon cancer cells: ferrochelatase a possible regulator of the long noncoding RNA H19. <i>Journal of Gastrointestinal Oncology</i> , 2019 , 10, 859-868	2.8	5
86	Novel EIF2AK4 mutations in histologically proven pulmonary capillary hemangiomas and hereditary pulmonary arterial hypertension. <i>BMC Medical Genetics</i> , 2019 , 20, 176	2.1	5
85	Non-familial cardiomyopathies in Lebanon: exome sequencing results for five idiopathic cases. <i>BMC Medical Genomics</i> , 2019 , 12, 33	3.7	1
84	Mutation in the SR6 region of desmoplakin is associated with pustular psoriasiform rash and left ventricular dysfunction. <i>International Journal of Dermatology</i> , 2019 , 58, 742-744	1.7	
83	Genome-Wide Gene Expression Changes in the Normal-Appearing Airway during the Evolution of Smoking-Associated Lung Adenocarcinoma. <i>Cancer Prevention Research</i> , 2018 , 11, 237-248	3.2	10
82	Inherited Cardiomyopathies and the Role of Mutations in Non-coding Regions of the Genome. <i>Frontiers in Cardiovascular Medicine</i> , 2018 , 5, 77	5.4	11
81	Hyperphosphatemic familial tumoral calcinosis secondary to fibroblast growth factor 23 (FGF23) mutation: a report of two affected families and review of the literature. <i>Osteoporosis International</i> , 2018 , 29, 1987-2009	5.3	11
80	SLURP-1 is mutated in Mal de Meleda, a potential molecular signature for melanoma and a putative squamous lineage tumor suppressor gene. <i>International Journal of Dermatology</i> , 2018 , 57, 162-170	1.7	17
79	Degenerated hair follicle cells and partial loss of sebaceous and eccrine glands in a familial case of axenfeld-rieger syndrome: An emerging role for the FOXC1/NFATC1 genetic axis. <i>Journal of Dermatological Science</i> , 2018 , 92, 237-244	4.3	2
78	Transcriptomic Alterations in Lung Adenocarcinoma Unveil New Mechanisms Targeted by the Subfamily of Tumor Suppressor Genes. <i>Frontiers in Oncology</i> , 2018 , 8, 482	5.3	7
77	A novel mutation in the gene results in the unusual phenotype of palmoplantar keratoderma with digital clubbing and hyperhidrosis. <i>JAAD Case Reports</i> , 2018 , 4, 950-952	1.4	1
76	Use of Topical Glycolic Acid Plus a Lovastatin-Cholesterol Combination Cream for the Treatment of Autosomal Recessive Congenital Ichthyoses. <i>JAMA Dermatology</i> , 2018 , 154, 1320-1323	5.1	5

75	SuPAR, an emerging biomarker in kidney and inflammatory diseases. <i>Postgraduate Medical Journal</i> , 2018 , 94, 517-524	2	27
74	Clinical and genetic characteristics of pulmonary arterial hypertension in Lebanon. <i>BMC Medical Genetics</i> , 2018 , 19, 89	2.1	12
73	Novel Bioinformatics-Based Approach for Proteomic Biomarkers Prediction of Calpain-2 & Caspase-3 Protease Fragmentation: Application to β -Spectrin Protein. <i>Scientific Reports</i> , 2017 , 7, 41039	4.9	4
72	The OTOGL p.Arg925* Variant is Associated with Moderate Hearing Loss in a Syrian Nonconsanguineous Family. <i>Genetic Testing and Molecular Biomarkers</i> , 2017 , 21, 445-449	1.6	3
71	AutoDock and AutoDockTools for Protein-Ligand Docking: Beta-Site Amyloid Precursor Protein Cleaving Enzyme 1(BACE1) as a Case Study. <i>Methods in Molecular Biology</i> , 2017 , 1598, 391-403	1.4	40
70	Efficient and Accurate Algorithm for Cleaved Fragments Prediction (CFPA) in Protein Sequences Dataset Based on Consensus and Its Variants: A Novel Degradomics Prediction Application. <i>Methods in Molecular Biology</i> , 2017 , 1598, 329-352	1.4	2
69	A HAND to TBX5 Explains the Link Between Thalidomide and Cardiac Diseases. <i>Scientific Reports</i> , 2017 , 7, 1416	4.9	16
68	Hereditary vitamin D-resistant rickets in Lebanese patients: the p.R391S and p.H397P variants have different phenotypes. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2017 , 30, 437-444	1.6	1
67	Retinoids: a journey from the molecular structures and mechanisms of action to clinical uses in dermatology and adverse effects. <i>Journal of Dermatological Treatment</i> , 2017 , 28, 684-696	2.8	86
66	Premature Valvular Heart Disease in Homozygous Familial Hypercholesterolemia. <i>Cholesterol</i> , 2017 , 2017, 3685265		10
65	Mutations in the ABCG8 gene are associated with sitosterolaemia in the homozygous form and xanthelasmas in the heterozygous form. <i>European Journal of Dermatology</i> , 2017 , 27, 519-523	0.8	8
64	FOX12: a possible gene contributing to ectodermal dysplasia. <i>European Journal of Dermatology</i> , 2017 , 27, 641-645	0.8	1
63	Understanding the phenotypic similarities between IFAP and Olmsted syndrome from a molecular perspective: the interaction of MBTPS2 and TRPV3. <i>Archives of Dermatological Research</i> , 2017 , 309, 637-643	3.3	12
62	A Novel Mutation in in a Lebanese Family with Congenital Heart Disease and Anterior Segment Dysgenesis: Potential Roles for and in the Phenotypic Variations. <i>Frontiers in Cardiovascular Medicine</i> , 2017 , 4, 58	5.4	11
61	A Novel Role for in a Lebanese Family with Congenital Cardiac Defects. <i>Frontiers in Genetics</i> , 2017 , 8, 217	4.5	4
60	subfamily suppression in lung cancer pathogenesis: a high-potential marker for early detection. <i>Oncotarget</i> , 2017 , 8, 68230-68241	3.3	8
59	Mutations in SDR9C7 gene encoding an enzyme for vitamin A metabolism underlie autosomal recessive congenital ichthyosis. <i>Human Molecular Genetics</i> , 2016 , 25, 4484-4493	5.6	29
58	Genetics of inherited cardiocutaneous syndromes: a review. <i>Open Heart</i> , 2016 , 3, e000442	3	5

57	Variable expressivity and co-occurrence of LDLR and LDLRAP1 mutations in familial hypercholesterolemia: failure of the dominant and recessive dichotomy. <i>Molecular Genetics & Genomic Medicine</i> , 2016 , 4, 283-91	2.3	13
56	The Muscle-Bound Heart. <i>Cardiac Electrophysiology Clinics</i> , 2016 , 8, 223-31	1.4	3
55	Linezolid Toxicity and Mitochondrial Susceptibility: A Novel Neurological Complication in a Lebanese Patient. <i>Frontiers in Pharmacology</i> , 2016 , 7, 325	5.6	15
54	Statins Modulate Cyclooxygenase-2 and Microsomal Prostaglandin E Synthase-1 in Human Hepatic Myofibroblasts. <i>Journal of Cellular Biochemistry</i> , 2016 , 117, 1176-86	4.7	6
53	GATA5 mutation homozygosity linked to a double outlet right ventricle phenotype in a Lebanese patient. <i>Molecular Genetics & Genomic Medicine</i> , 2016 , 4, 160-71	2.3	17
52	BRCA1 and BRCA2 mutations in ethnic Lebanese Arab women with high hereditary risk breast cancer. <i>Oncologist</i> , 2015 , 20, 357-64	5.7	37
51	2015,		1
50	A novel nonsense mutation in NPHS1: is aortic stenosis associated with congenital nephropathy?. <i>Journal of Genetics</i> , 2015 , 94, 309-12	1.2	
49	The Mutation P.T613a in the Pore Helix of the Kv 11.1 Potassium Channel is Associated with Long QT Syndrome. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2015 , 38, 1304-9	1.6	2
48	Pachydermoperiostosis genetic screening in Lebanese families uncovers a novel SLCO2A1 mutation. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2015 , 29, 2489-90	4.6	5
47	Identification of several mutations in ATP2C1 in Lebanese families: insight into the pathogenesis of Hailey-Hailey disease. <i>PLoS ONE</i> , 2015 , 10, e0115530	3.7	7
46	NKX2-5 mutations in an inbred consanguineous population: genetic and phenotypic diversity. <i>Scientific Reports</i> , 2015 , 5, 8848	4.9	32
45	Electrostatic study of Alanine mutational effects on transcription: application to GATA-3:DNA interaction complex. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2015 , 2015, 4005-8	0.9	1
44	Low-density lipoprotein levels and not mutation status predict intima-media thickness in familial hypercholesterolemia. <i>Annals of Vascular Surgery</i> , 2014 , 28, 421-6	1.7	6
43	Passaging impact of H9N2 avian influenza virus in hamsters on its pathogenicity and genetic variability. <i>Journal of Infection in Developing Countries</i> , 2014 , 8, 570-80	2.3	3
42	Primary carnitine deficiency: novel mutations and insights into the cardiac phenotype. <i>Clinical Genetics</i> , 2014 , 85, 127-37	4	26
41	GATA4 loss-of-function mutations underlie familial tetralogy of fallot. <i>Human Mutation</i> , 2013 , 34, 1662-71	4.7	55
40	Spectrum of mutations in Lebanese patients with phenylalanine hydroxylase deficiency. <i>Gene</i> , 2013 , 515, 117-22	3.8	10

39	Research in congenital heart disease: a comparative bibliometric analysis between developing and developed countries. <i>Pediatric Cardiology</i> , 2013 , 34, 375-82	2.1	12
38	A homozygous frameshift mutation in the HOXC13 gene underlies pure hair and nail ectodermal dysplasia in a Syrian family. <i>Human Mutation</i> , 2013 , 34, 578-81	4.7	19
37	Regulation of de novo ceramide synthesis: the role of dihydroceramide desaturase and transcriptional factors NFATC and Hand2 in the hypoxic mouse heart. <i>DNA and Cell Biology</i> , 2013 , 32, 310-9	3.6	13
36	Clinicopathologic characteristics of Lebanese patients under and over the age of 40 presenting with breast cancer at a single institution.. <i>Journal of Clinical Oncology</i> , 2013 , 31, e12525-e12525	2.2	
35	The Lebanese allele at the LDLR in normocholesterolemic people merits reconsideration of genotype phenotype correlations in familial hypercholesterolemia. <i>Endocrine</i> , 2012 , 42, 445-8	4	5
34	T-box factors: insights into the evolutionary emergence of the complex heart. <i>Annals of Medicine</i> , 2012 , 44, 680-93	1.5	12
33	Diet, genetics, and disease: a focus on the middle East and north Africa region. <i>Journal of Nutrition and Metabolism</i> , 2012 , 2012, 109037	2.7	51
32	Two heterozygous mutations in NFATC1 in a patient with Tricuspid Atresia. <i>PLoS ONE</i> , 2012 , 7, e49532	3.7	27
31	Homozygous familial hypercholesterolemia in Lebanon: a genotype/phenotype correlation. <i>Molecular Genetics and Metabolism</i> , 2011 , 102, 181-8	3.7	36
30	Mutation of IGFBP7 causes upregulation of BRAF/MEK/ERK pathway and familial retinal arterial macroaneurysms. <i>American Journal of Human Genetics</i> , 2011 , 89, 313-9	11	35
29	Familial hypercholesterolemia: the lipids or the genes?. <i>Nutrition and Metabolism</i> , 2011 , 8, 23	4.6	45
28	Identification of new GATA4-small molecule inhibitors by structure-based virtual screening. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 1734-42	3.4	6
27	GATA4 in Heart Development and Disease 2010 , 599-616		5
26	Role of glucagon-like peptide-1 analogues on insulin receptor regulation in diabetic rat hearts. <i>Canadian Journal of Physiology and Pharmacology</i> , 2010 , 88, 54-63	2.4	1
25	A gain-of-function TBX20 mutation causes congenital atrial septal defects, patent foramen ovale and cardiac valve defects. <i>Journal of Medical Genetics</i> , 2010 , 47, 230-5	5.8	90
24	Copper-adenine complex, a compound, with multi-biochemical targets and potential anti-cancer effect. <i>Chemico-Biological Interactions</i> , 2008 , 173, 84-96	5	34
23	Modulation of total ceramide and constituent ceramide species in the acutely and chronically hypoxic mouse heart at different ages. <i>Prostaglandins and Other Lipid Mediators</i> , 2008 , 86, 49-55	3.7	20
22	Efficacy and molecular studies of a Lebanese isolate of <i>Beauveria</i> for control of <i>Thaumetopoea wilkinsoni</i> (Lepidoptera: Thaumetopoeidae). <i>Biocontrol Science and Technology</i> , 2008 , 18, 573-581	1.7	0

21	Distinct expression and function of alternatively spliced Tbx5 isoforms in cell growth and differentiation. <i>Molecular and Cellular Biology</i> , 2008 , 28, 4052-67	4.8	38
20	Isolation of <i>Beauveria</i> species from Lebanon and evaluation of its efficacy against the cedar web-spinning sawfly, <i>Cephalcia tannourinensis</i> . <i>BioControl</i> , 2008 , 53, 341-352	2.3	16
19	Absence of NOTCH2 and Hey2 mutations in a familial Alagille syndrome case with a novel frameshift mutation in JAG1. <i>American Journal of Medical Genetics, Part A</i> , 2008 , 146A, 937-9	2.5	3
18	Early and severe liver disease associated with homozygosity for an exon 7 mutation, G691R, in Wilson's disease. <i>Clinical Genetics</i> , 2007 , 72, 264-7	4	9
17	Modulation of COX-2 expression by statins in human monocytic cells. <i>FASEB Journal</i> , 2007 , 21, 1665-74	0.9	40
16	Exclusive cardiac dysfunction in familial primary carnitine deficiency cases: a genotype-phenotype correlation. <i>Clinical Genetics</i> , 2007 , 72, 59-62	4	18
15	A novel mutation in the GATA4 gene in patients with Tetralogy of Fallot. <i>Human Mutation</i> , 2006 , 27, 293-47	4.7	148
14	Differential duplication of an intronic region in the NFATC1 gene in patients with congenital heart disease. <i>Genome</i> , 2006 , 49, 1092-8	2.4	24
13	The Kruppel-like transcription factor KLF13 is a novel regulator of heart development. <i>EMBO Journal</i> , 2006 , 25, 5201-13	13	64
12	Regulation of the sphingolipid signaling pathways in the growing and hypoxic rat heart. <i>Prostaglandins and Other Lipid Mediators</i> , 2005 , 78, 249-63	3.7	8
11	Immunodiagnosis of Prune dwarf virus using antiserum produced to its recombinant coat protein. <i>Journal of Virological Methods</i> , 2004 , 121, 31-8	2.6	32
10	Transcriptional activation of BMP-4 and regulation of mammalian organogenesis by GATA-4 and -6. <i>Developmental Biology</i> , 2003 , 254, 131-48	3.1	144
9	Widespread expression of an extended peptide sequence of GATA-6 during murine embryogenesis and non-equivalence of RNA and protein expression domains. <i>Gene Expression Patterns</i> , 2002 , 2, 123-31	1.5	11
8	Widespread expression of an extended peptide sequence of GATA-6 during murine embryogenesis and non-equivalence of RNA and protein expression domains. <i>Mechanisms of Development</i> , 2002 , 119 Suppl 1, S121-9	1.7	14
7	Cooperative interaction between GATA5 and NF-ATc regulates endothelial-endocardial differentiation of cardiogenic cells. <i>Development (Cambridge)</i> , 2002 , 129, 4045-4055	6.6	73
6	Cooperative interaction between GATA5 and NF-ATc regulates endothelial-endocardial differentiation of cardiogenic cells. <i>Development (Cambridge)</i> , 2002 , 129, 4045-55	6.6	38
5	Regulation of heart development and function through combinatorial interactions of transcription factors. <i>Annals of Medicine</i> , 2001 , 33, 604-10	1.5	52
4	A murine model of Holt-Oram syndrome defines roles of the T-box transcription factor Tbx5 in cardiogenesis and disease. <i>Cell</i> , 2001 , 106, 709-21	56.2	833

3	Functional analysis and chromosomal mapping of Gata5, a gene encoding a zinc finger DNA-binding protein. <i>Mammalian Genome</i> , 1999 , 10, 993-9	3.2	35
2	Cooperative interaction between GATA-4 and GATA-6 regulates myocardial gene expression. <i>Molecular and Cellular Biology</i> , 1999 , 19, 4355-65	4.8	197
1	RIT1: A Novel Biomarker in Glioblastoma		1