

# Arnold J Levine

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

12,306  
citations

218677

26  
h-index

276875

41  
g-index

42  
all docs

42  
docs citations

42  
times ranked

17212  
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting the P53 Protein for Cancer Therapies: The Translational Impact of P53 Research. <i>Cancer Research</i> , 2022, 82, 362-364.	0.9	22
2	The genotypes and phenotypes of missense mutations in the proline domain of the p53 protein. <i>Cell Death and Differentiation</i> , 2022, 29, 938-945.	11.2	18
3	Exploring the future of research in the Tp53 field. <i>Cell Death and Differentiation</i> , 2022, 29, 893-894.	11.2	8
4	Fundamental immune oncogenicity trade-offs define driver mutation fitness. <i>Nature</i> , 2022, 606, 172-179.	27.8	23
5	Bispecific antibodies come to the aid of cancer immunotherapy. <i>Molecular Oncology</i> , 2021, 15, 1759-1763.	4.6	3
6	Spontaneous and inherited TP53 genetic alterations. <i>Oncogene</i> , 2021, 40, 5975-5983.	5.9	28
7	Genetic and stochastic influences upon tumor formation and tumor types in Li-Fraumeni mouse models. <i>Life Science Alliance</i> , 2021, 4, e202000952.	2.8	4
8	Geometric network analysis provides prognostic information in patients with high grade serous carcinoma of the ovary treated with immune checkpoint inhibitors. <i>Npj Genomic Medicine</i> , 2021, 6, 99.	3.8	13
9	Identification of relevant genetic alterations in cancer using topological data analysis. <i>Nature Communications</i> , 2020, 11, 3808.	12.8	38
10	p53: 800 million years of evolution and 40 years of discovery. <i>Nature Reviews Cancer</i> , 2020, 20, 471-480.	28.4	421
11	Non-Random Selection of Cancer-Causing Mutations in Tissue-Specific Stem Cells Cause Cancer. <i>Journal of Clinical Oncology and Research</i> , 2020, 8, .	0.5	1
12	The Roles of Initiating Truncal Mutations in Human Cancers: The Order of Mutations and Tumor Cell Type Matters. <i>Cancer Cell</i> , 2019, 35, 10-15.	16.8	114
13	A tumor-specific endogenous repetitive element is induced by herpesviruses. <i>Nature Communications</i> , 2019, 10, 90.	12.8	25
14	Why are there hotspot mutations in the TP53 gene in human cancers?. <i>Cell Death and Differentiation</i> , 2018, 25, 154-160.	11.2	393
15	Dynamic changes during the treatment of pancreatic cancer. <i>Oncotarget</i> , 2018, 9, 14764-14790.	1.8	21
16	The interplay between epigenetic changes and the p53 protein in stem cells. <i>Genes and Development</i> , 2017, 31, 1195-1201.	5.9	40
17	Identification of unique neoantigen qualities in long-term survivors of pancreatic cancer. <i>Nature</i> , 2017, 551, 512-516.	27.8	854
18	A neoantigen fitness model predicts tumour response to checkpoint blockade immunotherapy. <i>Nature</i> , 2017, 551, 517-520.	27.8	532

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19	Inference of Ancestral Recombination Graphs through Topological Data Analysis. <i>PLoS Computational Biology</i> , 2016, 12, e1005071.	3.2	38
20	The Role of the p53 Protein in Stem-Cell Biology and Epigenetic Regulation. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2016, 6, a026153.	6.2	35
21	Rethinking the Regulatory Infrastructure for Human Gene Transfer Clinical Trials. <i>Molecular Therapy</i> , 2016, 24, 1173-1177.	8.2	1
22	P53 and the defenses against genome instability caused by transposons and repetitive elements. <i>BioEssays</i> , 2016, 38, 508-513.	2.5	60
23	Lysine methylation represses p53 activity in teratocarcinoma cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9822-9827.	7.1	36
24	Topological Data Analysis Generates High-Resolution, Genome-wide Maps of Human Recombination. <i>Cell Systems</i> , 2016, 3, 83-94.	6.2	45
25	Distinguishing the immunostimulatory properties of noncoding RNAs expressed in cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15154-15159.	7.1	69
26	The Evolution of Tumors in Mice and Humans with Germline p53 Mutations. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2015, 80, 139-145.	1.1	17
27	TAp73 opposes tumor angiogenesis by promoting hypoxia-inducible factor 1 $\alpha$ degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 226-231.	7.1	91
28	The evolution of thymic lymphomas in p53 knockout mice. <i>Genes and Development</i> , 2014, 28, 2613-2620.	5.9	64
29	Whole-genome sequencing analysis of phenotypic heterogeneity and anticipation in Li-Fraumeni cancer predisposition syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15497-15501.	7.1	29
30	Selected drugs that inhibit DNA methylation can preferentially kill p53 deficient cells. <i>Oncotarget</i> , 2014, 5, 8924-8936.	1.8	29
31	Multiple Roles of p53-Related Pathways in Somatic Cell Reprogramming and Stem Cell Differentiation. <i>Cancer Research</i> , 2012, 72, 5635-5645.	0.9	78
32	Allele-Specific p53 Mutant Reactivation. <i>Cancer Cell</i> , 2012, 21, 614-625.	16.8	281
33	A High-Frequency Regulatory Polymorphism in the p53 Pathway Accelerates Tumor Development. <i>Cancer Cell</i> , 2010, 18, 220-230.	16.8	108
34	The Origins and Evolution of the p53 Family of Genes. <i>Cold Spring Harbor Perspectives in Biology</i> , 2010, 2, a001198-a001198.	5.5	239
35	Winter Temperature and UV Are Tightly Linked to Genetic Changes in the p53 Tumor Suppressor Pathway in Eastern Asia. <i>American Journal of Human Genetics</i> , 2009, 84, 534-541.	6.2	83
36	The genetics of the p53 pathway, apoptosis and cancer therapy. <i>Nature Reviews Drug Discovery</i> , 2008, 7, 979-987.	46.4	568

#	ARTICLE	IF	CITATIONS
37	A plausible model for the digital response of p53 to DNA damage. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 14266-14271.	7.1	319
38	A Single Nucleotide Polymorphism in the MDM2 Promoter Attenuates the p53 Tumor Suppressor Pathway and Accelerates Tumor Formation in Humans. Cell, 2004, 119, 591-602.	28.9	1,158
39	A Role for the Polyproline Domain of p53 in Its Regulation by Mdm2. Journal of Biological Chemistry, 2001, 276, 3785-3790.	3.4	47
40	Surfing the p53 network. Nature, 2000, 408, 307-310.	27.8	6,352