

Lene J Rasmussen

List of Publications by Year in descending order

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145
papers

5,933
citations

66343

42
h-index

91884

69
g-index

156
all docs

156
docs citations

156
times ranked

8976
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of a 5-tiered scheme for standardized classification of 2,360 unique mismatch repair gene variants in the InSiGHT locus-specific database. <i>Nature Genetics</i> , 2014, 46, 107-115.	21.4	410
2	Nuclear and mitochondrial DNA repair: similar pathways?. <i>Mitochondrion</i> , 2005, 5, 89-108.	3.4	256
3	Is There a Link between Mitochondrial Reserve Respiratory Capacity and Aging?. <i>Journal of Aging Research</i> , 2012, 2012, 1-9.	0.9	190
4	Generation of a strong mutator phenotype in yeast by imbalanced base excision repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 9997-10002.	7.1	184
5	Novel DNA mismatch-repair activity involving YB-1 in human mitochondria. <i>DNA Repair</i> , 2009, 8, 704-719.	2.8	174
6	DNA mismatch repair and its many roles in eukaryotic cells. <i>Mutation Research - Reviews in Mutation Research</i> , 2017, 773, 174-187.	5.5	135
7	New cloning vectors for integration into the λ attachment site attB of the <i>Escherichia coli</i> chromosome. <i>Plasmid</i> , 1992, 28, 14-24.	1.4	128
8	Mitochondria-mediated nuclear mutator phenotype in <i>Saccharomyces cerevisiae</i> . <i>Nucleic Acids Research</i> , 2003, 31, 3909-3917.	14.5	127
9	<i>Helicobacter pylori</i> Infection Induces Genetic Instability of Nuclear and Mitochondrial DNA in Gastric Cells. <i>Clinical Cancer Research</i> , 2009, 15, 2995-3002.	7.0	123
10	A Ketogenic Diet Improves Mitochondrial Biogenesis and Bioenergetics via the PGC1 α -SIRT3-UCP2 Axis. <i>Neurochemical Research</i> , 2019, 44, 22-37.	3.3	116
11	Expression profiles for six zebrafish genes during gonadal sex differentiation. <i>Reproductive Biology and Endocrinology</i> , 2008, 6, 25.	3.3	115
12	Assessment of functional effects of unclassified genetic variants. <i>Human Mutation</i> , 2008, 29, 1314-1326.	2.5	93
13	Biotransformation of polycyclic aromatic hydrocarbons in marine polychaetes. <i>Marine Environmental Research</i> , 2008, 65, 171-186.	2.5	90
14	Predicting the impact of Lynch syndrome-causing missense mutations from structural calculations. <i>PLoS Genetics</i> , 2017, 13, e1006739.	3.5	90
15	RECQL4 Promotes DNA End Resection in Repair of DNA Double-Strand Breaks. <i>Cell Reports</i> , 2016, 16, 161-173.	6.4	81
16	Cadmium inhibits human DNA mismatch repair in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2004, 321, 21-25.	2.1	79
17	Mitochondria as determinant of nucleotide pools and chromosomal stability. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2007, 625, 112-124.	1.0	75
18	<i>Enterococcus faecalis</i> Infection Causes Inflammation, Intracellular Oxphos-Independent ROS Production, and DNA Damage in Human Gastric Cancer Cells. <i>PLoS ONE</i> , 2013, 8, e63147.	2.5	70

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19	Characterization of human exonuclease 1 in complex with mismatch repair proteins, subcellular localization and association with PCNA. <i>Oncogene</i> , 2004, 23, 1457-1468.	5.9	68
20	Oxidative damage to DNA by diesel exhaust particle exposure in co-cultures of human lung epithelial cells and macrophages. <i>Mutagenesis</i> , 2012, 27, 693-701.	2.6	66
21	Heterogeneity of Ductular Reactions in Adult Rat and Human Liver Revealed by Novel Expression of Deleted in Malignant Brain Tumor 1. <i>American Journal of Pathology</i> , 2002, 161, 1187-1198.	3.8	64
22	HNPCC mutations in the human DNA mismatch repair gene hMLH1 influence assembly of hMutL α and hMLH1-hEXO1 complexes. <i>Oncogene</i> , 2001, 20, 3590-3595.	5.9	61
23	Spatial Transcriptomics Reveals Genes Associated with Dysregulated Mitochondrial Functions and Stress Signaling in Alzheimer Disease. <i>IScience</i> , 2020, 23, 101556.	4.1	61
24	Pathological assessment of mismatch repair gene variants in Lynch syndrome: Past, present, and future. <i>Human Mutation</i> , 2012, 33, 1617-1625.	2.5	60
25	Modulation of the Gene Network Connected to Interferon- β in Liver Regeneration from Oval Cells. <i>American Journal of Pathology</i> , 1999, 155, 1075-1085.	3.8	59
26	Helicobacter pylori infection generates genetic instability in gastric cells. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2010, 1806, 58-65.	7.4	59
27	Mitochondrial impairment is accompanied by impaired oxidative DNA repair in the nucleus. <i>Mutagenesis</i> , 2003, 18, 497-503.	2.6	58
28	Variation in the risk of colorectal cancer in families with Lynch syndrome: a retrospective cohort study. <i>Lancet Oncology</i> , The, 2021, 22, 1014-1022.	10.7	58
29	Single-step nested multiplex PCR to differentiate between various bivalve larvae. <i>Marine Biology</i> , 2005, 146, 1119-1129.	1.5	57
30	Interventions for age-related diseases: Shifting the paradigm. <i>Mechanisms of Ageing and Development</i> , 2016, 160, 69-92.	4.6	57
31	Characterization of a Highly Conserved Binding Site of Mlh1 Required for Exonuclease I-Dependent Mismatch Repair. <i>Molecular and Cellular Biology</i> , 2009, 29, 907-918.	2.3	56
32	The Effect of Mitochondrial Dysfunction on Cytosolic Nucleotide Metabolism. <i>Journal of Nucleic Acids</i> , 2010, 2010, 1-9.	1.2	54
33	A versatile method for integration of genes and gene fusions into the λ attachment site of Escherichia coli. <i>Gene</i> , 1991, 107, 11-17.	2.2	52
34	The Escherichia coli MutS DNA mismatch binding protein specifically binds O6-methylguanine DNA lesions. <i>Carcinogenesis</i> , 1996, 17, 2085-2088.	2.8	51
35	Functional analysis helps to clarify the clinical importance of unclassified variants in DNA mismatch repair genes. <i>Human Mutation</i> , 2007, 28, 1047-1054.	2.5	51
36	Increased <i>Rrm2</i> gene dosage reduces fragile site breakage and prolongs survival of ATR mutant mice. <i>Genes and Development</i> , 2015, 29, 690-695.	5.9	51

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37	Exonuclease 1 and its versatile roles in DNA repair. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2016, 51, 440-451.	5.2	50
38	Differences in PAH tolerance between <i>Capitella</i> species: Underlying biochemical mechanisms. <i>Aquatic Toxicology</i> , 2005, 74, 307-319.	4.0	49
39	The Role of Mitochondrial Dysfunction in the Progression of Alzheimer's Disease. <i>Current Medicinal Chemistry</i> , 2019, 25, 5578-5587.	2.4	48
40	Mammalian DNA repair methyltransferases shield O4MeT from nucleotide excision repair. <i>Carcinogenesis</i> , 1997, 18, 919-924.	2.8	47
41	Carbon metabolism regulates expression of the <i>pfl</i> (pyruvate formate-lyase) gene in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1991, 173, 6390-6397.	2.2	46
42	A rapid and cell-free assay to test the activity of lynch syndrome-associated MSH2 and MSH6 missense variants. <i>Human Mutation</i> , 2012, 33, 488-494.	2.5	46
43	<i>Helicobacter pylori</i> infection affects mitochondrial function and DNA repair, thus, mediating genetic instability in gastric cells. <i>Mechanisms of Ageing and Development</i> , 2013, 134, 460-466.	4.6	43
44	Nuclear translocation contributes to regulation of DNA excision repair activities. <i>DNA Repair</i> , 2009, 8, 682-689.	2.8	42
45	Bi-directional routing of DNA mismatch repair protein human exonuclease 1 to replication foci and DNA double strand breaks. <i>DNA Repair</i> , 2011, 10, 73-86.	2.8	42
46	BIOTRANSFORMATION AND GENOTOXICITY OF FLUORANTHENE IN THE DEPOSIT-FEEDING POLYCHAETE <i>CAPITELLA</i> SP. I. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 2977.	4.3	41
47	Functional analysis of HNPCC-related missense mutations in MSH2. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008, 645, 44-55.	1.0	40
48	MERTK Acts as a Costimulatory Receptor on Human CD8+ T Cells. <i>Cancer Immunology Research</i> , 2019, 7, 1472-1484.	3.4	39
49	Identification of factors interacting with hMSH2 in the fetal liver utilizing the yeast two-hybrid system. <i>Mutation Research DNA Repair</i> , 2000, 460, 41-52.	3.7	38
50	The Importance of Mitochondrial DNA in Aging and Cancer. <i>Journal of Aging Research</i> , 2011, 2011, 1-9.	0.9	38
51	Human exonuclease 1 (EXO1) activity characterization and its function on flap structures. <i>Bioscience Reports</i> , 2015, 35, .	2.4	38
52	Impaired dynamics and function of mitochondria caused by mtDNA toxicity leads to heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H434-H449.	3.2	38
53	Defective mitochondrial respiration, altered dNTP pools and reduced AP endonuclease 1 activity in peripheral blood mononuclear cells of Alzheimer's disease patients. <i>Aging</i> , 2015, 7, 793-810.	3.1	38
54	Identification and characterisation of an androgen receptor from zebrafish <i>Danio rerio</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007, 146, 561-568.	2.6	36

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55	A functional assay-based procedure to classify mismatch repair gene variants in Lynch syndrome. <i>Genetics in Medicine</i> , 2019, 21, 1486-1496.	2.4	36
56	The NAD ⁺ -mitophagy axis in healthy longevity and in artificial intelligence-based clinical applications. <i>Mechanisms of Ageing and Development</i> , 2020, 185, 111194.	4.6	36
57	Relationships between human vitality and mitochondrial respiratory parameters, reactive oxygen species production and dNTP levels in peripheral blood mononuclear cells. <i>Aging</i> , 2013, 5, 850-864.	3.1	36
58	In Silico screening for functional candidates amongst hypothetical proteins. <i>BMC Bioinformatics</i> , 2009, 10, 289.	2.6	35
59	Is <i>hEXO1</i> a Cancer Predisposing Gene?. <i>Molecular Cancer Research</i> , 2004, 2, 427-432.	3.4	35
60	Oxidative Stress-Induced Dysfunction of Macrophages During Starvation. , 2016, 57, 2721.		34
61	BIOTRANSFORMATION OF THE POLYCYCLIC AROMATIC HYDROCARBON PYRENE IN THE MARINE POLYCHAETE <i>NEREIS VIRENS</i> . <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 2796.	4.3	33
62	14-3-3 checkpoint regulatory proteins interact specifically with DNA repair protein human exonuclease 1 (<i>hEXO1</i>) via a semi-conserved motif. <i>DNA Repair</i> , 2012, 11, 267-277.	2.8	33
63	Influence of biotransformation on trophic transfer of the PAH, fluoranthene. <i>Aquatic Toxicology</i> , 2006, 80, 309-319.	4.0	32
64	ARDD 2020: from aging mechanisms to interventions. <i>Aging</i> , 2020, 12, 24484-24503.	3.1	32
65	Characterisation of two novel CYP4 genes from the marine polychaete <i>Nereis virens</i> and their involvement in pyrene hydroxylase activity. <i>Biochemical and Biophysical Research Communications</i> , 2005, 336, 890-897.	2.1	30
66	Nuclear localization of human DNA mismatch repair protein exonuclease 1 (<i>hEXO1</i>). <i>Nucleic Acids Research</i> , 2007, 35, 2609-2619.	14.5	30
67	Determining the functional significance of mismatch repair gene missense variants using biochemical and cellular assays. <i>Hereditary Cancer in Clinical Practice</i> , 2012, 10, 9.	1.5	29
68	Involvement of the DNA mismatch repair system in cisplatin sensitivity of testicular germ cell tumours. <i>Cellular Oncology (Dordrecht)</i> , 2017, 40, 341-355.	4.4	29
69	Genomic and functional integrity of the hematopoietic system requires tolerance of oxidative DNA lesions. <i>Blood</i> , 2017, 130, 1523-1534.	1.4	29
70	Alterations of monocarboxylate transporter densities during hypoxia in brain and breast tumour cells. <i>Cellular Oncology (Dordrecht)</i> , 2012, 35, 217-227.	4.4	27
71	Novel growth rate control of <i>dam</i> gene expression in <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 1994, 12, 631-638.	2.5	26
72	Approaches to diagnose DNA mismatch repair gene defects in cancer. <i>DNA Repair</i> , 2016, 38, 147-154.	2.8	26

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73	Enterococcus faecalis Infection and Reactive Oxygen Species Down-Regulates the miR-17-92 Cluster in Gastric Adenocarcinoma Cell Culture. <i>Genes</i> , 2014, 5, 726-738.	2.4	24
74	Nanomaterial-induced cell death in pulmonary and hepatic cells following exposure to three different metallic materials: The role of autophagy and apoptosis. <i>Nanotoxicology</i> , 2017, 11, 184-200.	3.0	24
75	The role of RecQ helicases in non-homologous end-joining. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2014, 49, 463-472.	5.2	22
76	Associations of subjective vitality with <scp>DNA</scp> damage, cardiovascular risk factors and physical performance. <i>Acta Physiologica</i> , 2015, 213, 156-170.	3.8	22
77	Functional characterization of <i>MLH1</i> missense variants identified in lynch syndrome patients. <i>Human Mutation</i> , 2012, 33, 1647-1655.	2.5	21
78	Genetic screens to identify pathogenic gene variants in the common cancer predisposition Lynch syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9403-9408.	7.1	21
79	Natural selection of mitochondria during somatic lifetime promotes healthy aging. <i>Frontiers in Neuroenergetics</i> , 2013, 5, 7.	5.3	21
80	Turtles maintain mitochondrial integrity but reduce mitochondrial respiratory capacity in the heart after cold-acclimation and anoxia. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	21
81	Is hEXO1 a cancer predisposing gene?. <i>Molecular Cancer Research</i> , 2004, 2, 427-32.	3.4	21
82	The role of mismatch repair in small-cell lung cancer cells. <i>European Journal of Cancer</i> , 2003, 39, 1456-1467.	2.8	20
83	Temporal occurrence of planktotrophic bivalve larvae identified morphologically and by single step nested multiplex PCR. <i>Journal of Plankton Research</i> , 2007, 29, 423-436.	1.8	20
84	TIP60 in aging and neurodegeneration. <i>Ageing Research Reviews</i> , 2020, 64, 101195.	10.9	20
85	Growth-rate-dependent transcription initiation from the dam P2 promoter. <i>Gene</i> , 1995, 157, 213-215.	2.2	19
86	Biochemical characterization of <i>MLH3</i> missense mutations does not reveal an apparent role of MLH3 in Lynch syndrome. <i>Genes Chromosomes and Cancer</i> , 2009, 48, 340-350.	2.8	18
87	Functional examination of MLH1, MSH2, and MSH6 intronic mutations identified in Danish colorectal cancer patients. <i>BMC Medical Genetics</i> , 2013, 14, 103.	2.1	18
88	Disturbed mitochondrial function restricts glutamate uptake in the human MÄ¼ller glia cell line, MIO-M1. <i>Mitochondrion</i> , 2017, 36, 52-59.	3.4	18
89	Bioenergetic Changes during Differentiation of Human Embryonic Stem Cells along the Hepatic Lineage. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-11.	4.0	18
90	Rev1 contributes to proper mitochondrial function via the PARP-NAD ⁺ -SIRT1-PGC1Î± axis. <i>Scientific Reports</i> , 2017, 7, 12480.	3.3	17

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91	Initial brain aging: heterogeneity of mitochondrial size is associated with decline in complex I-linked respiration in cortex and hippocampus. <i>Neurobiology of Aging</i> , 2018, 61, 215-224.	3.1	17
92	The inhibitors of soluble adenylate cyclase 2-OHE, KH7, and bithionol compromise mitochondrial ATP production by distinct mechanisms. <i>Biochemical Pharmacology</i> , 2018, 155, 92-101.	4.4	17
93	Interaction between RECQL4 and OGG1 promotes repair of oxidative base lesion 8-oxoG and is regulated by SIRT1 deacetylase. <i>Nucleic Acids Research</i> , 2020, 48, 6530-6546.	14.5	17
94	mHealth applications to support caregiver needs and engagement during stroke recovery: A content review. <i>Research in Nursing and Health</i> , 2021, 44, 213-225.	1.6	17
95	A Novel Rrm3 Function in Restricting DNA Replication via an Orc5-Binding Domain Is Genetically Separable from Rrm3 Function as an ATPase/Helicase in Facilitating Fork Progression. <i>PLoS Genetics</i> , 2016, 12, e1006451.	3.5	17
96	Two integrated and highly predictive functional analysis-based procedures for the classification of MSH6 variants in Lynch syndrome. <i>Genetics in Medicine</i> , 2020, 22, 847-856.	2.4	16
97	Genome-Wide Screens for Expressed Hypothetical Proteins. <i>Methods in Molecular Biology</i> , 2012, 815, 25-38.	0.9	15
98	The LipB protein is a negative regulator of dam gene expression in <i>Escherichia coli</i> . <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2000, 1494, 43-53.	2.4	14
99	Cyclin D1 expression and cell cycle response in DNA mismatch repair-deficient cells upon methylation and UV-C damage. <i>Experimental Cell Research</i> , 2004, 292, 123-134.	2.6	14
100	LIFESTAT â€œ Living with statins: An interdisciplinary project on the use of statins as a cholesterol-lowering treatment and for cardiovascular risk reduction. <i>Scandinavian Journal of Public Health</i> , 2016, 44, 534-539.	2.3	14
101	Simvastatin improves mitochondrial respiration in peripheral blood cells. <i>Scientific Reports</i> , 2020, 10, 17012.	3.3	14
102	Bloom syndrome DNA helicase deficiency is associated with oxidative stress and mitochondrial network changes. <i>Scientific Reports</i> , 2021, 11, 2157.	3.3	14
103	Understanding the Methodological Issues and Solutions in the Research Design of Stroke Caregiving Technology. <i>Frontiers in Public Health</i> , 2021, 9, 647249.	2.7	14
104	Bacterial infection increases risk of carcinogenesis by targeting mitochondria. <i>Seminars in Cancer Biology</i> , 2017, 47, 95-100.	9.6	14
105	Targeting of O6-MeG DNA methyltransferase (MGMT) to mitochondria protects against alkylation induced cell death. <i>Mitochondrion</i> , 2005, 5, 411-417.	3.4	13
106	Repair of DNA damage induced by anthanthrene, a polycyclic aromatic hydrocarbon (PAH) without bay or fjord regions. <i>Chemico-Biological Interactions</i> , 2009, 177, 212-217.	4.0	13
107	From Powerhouse to Perpetratorâ€™ Mitochondria in Health and Disease. <i>Biology</i> , 2019, 8, 35.	2.8	12
108	Caregiver Engagement in Stroke Care: Opportunities and Challenges in Australia and Denmark. <i>Frontiers in Public Health</i> , 2021, 9, 758808.	2.7	12

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109	Cytosolic Self-DNA—A Potential Source of Chronic Inflammation in Aging. <i>Cells</i> , 2021, 10, 3544.	4.1	12
110	Genome-Wide Analysis of Signal Transducers and Regulators of Mitochondrial Dysfunction in <i>Saccharomyces cerevisiae</i> . <i>Annals of the New York Academy of Sciences</i> , 2004, 1011, 284-298.	3.8	11
111	Impact of bacterial infections on aging and cancer: Impairment of DNA repair and mitochondrial function of host cells. <i>Experimental Gerontology</i> , 2014, 56, 164-174.	2.8	11
112	Cytoplasmic Citrate Flux Modulates the Immune Stimulatory NKG2D Ligand MICA in Cancer Cells. <i>Frontiers in Immunology</i> , 2020, 11, 1968.	4.8	11
113	The helicase and ATPase activities of RECQL4 are compromised by mutations reported in three human patients. <i>Aging</i> , 2012, 4, 790-802.	3.1	10
114	Dynamics of the DNA repair proteins WRN and BLM in the nucleoplasm and nucleoli. <i>European Biophysics Journal</i> , 2014, 43, 509-516.	2.2	9
115	Mitochondrial Function in Gilles de la Tourette Syndrome Patients With and Without Intragenic IMMP2L Deletions. <i>Frontiers in Neurology</i> , 2020, 11, 163.	2.4	9
116	The Human Cyclin B1 Protein Modulates Sensitivity of DNA Mismatch Repair Deficient Prostate Cancer Cell Lines to Alkylating Agents. <i>Experimental Cell Research</i> , 2000, 257, 127-134.	2.6	8
117	The Role of Mitochondrial dNTP Levels in Cells with Reduced TK2 Activity. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2006, 25, 1171-1175.	1.1	8
118	Increased deoxythymidine triphosphate levels is a feature of relative cognitive decline. <i>Mitochondrion</i> , 2015, 25, 34-37.	3.4	8
119	Technology-based support for stroke caregiving: A rapid review of evidence. <i>Journal of Nursing Management</i> , 2022, 30, 3700-3713.	3.4	8
120	DNA damage response, bioenergetics, and neurological disease: The challenge of maintaining brain health in an aging human population. <i>Mechanisms of Ageing and Development</i> , 2013, 134, 427-433.	4.6	7
121	Mitochondrial-Linked De Novo Pyrimidine Biosynthesis Dictates Human T-Cell Proliferation but Not Expression of Effector Molecules. <i>Frontiers in Immunology</i> , 2021, 12, 718863.	4.8	7
122	Acquired Localized Cutis Laxa due to Increased Elastin Turnover. <i>Case Reports in Dermatology</i> , 2016, 8, 42-51.	0.8	6
123	Mitochondrial oxidative phosphorylation capacity of cryopreserved cells. <i>Mitochondrion</i> , 2019, 47, 47-53.	3.4	6
124	Analysis of the antimicrobial susceptibility of the ionizing radiation-resistant bacterium <i>Deinococcus radiodurans</i> : implications for bioremediation of radioactive waste. <i>Annals of Microbiology</i> , 2012, 62, 493-500.	2.6	5
125	Influence of Nodal signalling on pluripotency factor expression, tumour cell proliferation and cisplatin-sensitivity in testicular germ cell tumours. <i>BMC Cancer</i> , 2020, 20, 349.	2.6	5
126	Utilization of social media communities for caregiver information support in stroke recovery: An analysis of content and interactions. <i>PLoS ONE</i> , 2022, 17, e0262919.	2.5	5

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127	Differential expression of hMLH1 in sporadic human colorectal cancer tumors and distant metastases. <i>Apmis</i> , 2009, 117, 839-848.	2.0	4
128	Human DNA polymerase delta double-mutant D316A;E318A interferes with DNA mismatch repair in vitro. <i>Nucleic Acids Research</i> , 2017, 45, 9427-9440.	14.5	4
129	Genome-Wide Analysis of Signal Transducers and Regulators of Mitochondrial Dysfunction in <i>Saccharomyces cerevisiae</i> . , 2004, 1011, 284-298.		4
130	CNOT6: A Novel Regulator of DNA Mismatch Repair. <i>Cells</i> , 2022, 11, 521.	4.1	4
131	Partial inhibition of mitochondrial-linked pyrimidine synthesis increases tumorigenic potential and lysosome accumulation. <i>Mitochondrion</i> , 2022, 64, 73-81.	3.4	4
132	Introducing the hypothome: a way to integrate predicted proteins in interactomes. <i>International Journal of Bioinformatics Research and Applications</i> , 2014, 10, 647.	0.2	3
133	EX-vivo whole blood stimulation with A2E does not elicit an inflammatory cytokine response in patients with age-related macular degeneration. <i>Scientific Reports</i> , 2021, 11, 8226.	3.3	3
134	[14] Use of DNA Methylation Deficient Strains in Molecular Genetics. <i>Methods in Molecular Genetics</i> , 1995, , 267-279.	0.6	2
135	Oxidative Damage to DNA and Its Repair. , 2006, , 253-279.		2
136	RELATIVE IMPACT OF COEXPOSURE COMPARED TO SINGLE-SUBSTANCE EXPOSURE ON THE BIOTRANSFORMATION AND TOXICITY OF BENZO[a]PYRENE AND FLUORANTHENE IN THE MARINE POLYCHAETE <i>CAPITELLA SP. I</i> . <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 375.	4.3	2
137	Thymidine Kinase 1 Deficient Cells Show Increased Survival Rate After UV-Induced DNA Damage. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2010, 29, 347-351.	1.1	2
138	mHealth intervention for carers of individuals with a history of stroke: Heuristic evaluation and user perspectives. <i>Digital Health</i> , 2022, 8, 205520762210890.	1.8	2
139	RANKL regulates testicular cancer growth and Denosumab treatment has suppressive effects on GCNIS and advanced seminoma. <i>British Journal of Cancer</i> , 2022, 127, 408-421.	6.4	2
140	Response to: Design of a Core Classification Process for DNA Mismatch Repair Variations of A Priori Unknown Functional Significance. <i>Human Mutation</i> , 2013, 34, 923-924.	2.5	1
141	Functional implications of the p.Cys680Arg mutation in the MLH1 mismatch repair protein. <i>Molecular Genetics & Genomic Medicine</i> , 2014, 2, 352-355.	1.2	1
142	Mitochondrial dysfunction induced by variation in the non-coding genome – A proposed workflow to improve diagnostics. <i>Mitochondrion</i> , 2020, 53, 255-259.	3.4	1
143	Oxidative Damage and Repair in the Mitochondrial Genome. , 2007, , 109-122.		0
144	EXO1 (Exonuclease 1). , 2016, , 1-7.		0

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145	EXO1 (Exonuclease 1)., 2018,, 1658-1664.		0