

# Sikandar G Khan

## List of Publications by Year in descending order

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60  
papers

3,386  
citations

172207

29  
h-index

143772

57  
g-index

61  
all docs

61  
docs citations

61  
times ranked

2649  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cancer and neurologic degeneration in xeroderma pigmentosum: long term follow-up characterises the role of DNA repair. <i>Journal of Medical Genetics</i> , 2011, 48, 168-176.	1.5	371
2	Phenotypic heterogeneity in the XPB DNA helicase gene (ERCC3): xeroderma pigmentosum without and with Cockayne syndrome. <i>Human Mutation</i> , 2006, 27, 1092-1103.	1.1	365
3	Persistence of repair proteins at unrepaired DNA damage distinguishes diseases with ERCC2 (XPD) mutations: cancer-prone xeroderma pigmentosum vs. non-cancer-prone trichothiodystrophy. <i>Human Mutation</i> , 2008, 29, 1194-1208.	1.1	317
4	Repair of UV photolesions in xeroderma pigmentosum group C cells induced by translational readthrough of premature termination codons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19483-19488.	3.3	310
5	The human XPC DNA repair gene: arrangement, splice site information content and influence of a single nucleotide polymorphism in a splice acceptor site on alternative splicing and function. <i>Nucleic Acids Research</i> , 2002, 30, 3624-3631.	6.5	146
6	A new xeroderma pigmentosum group C poly(AT) insertion/deletion polymorphism. <i>Carcinogenesis</i> , 2000, 21, 1821-1825.	1.3	122
7	Assessment of 3 xeroderma pigmentosum group C gene polymorphisms and risk of cutaneous melanoma: a case-control study. <i>Carcinogenesis</i> , 2005, 26, 1085-1090.	1.3	98
8	Relationship of Neurologic Degeneration to Genotype in Three Xeroderma Pigmentosum Group C Patients. <i>Journal of Investigative Dermatology</i> , 2002, 118, 972-982.	0.3	96
9	An intronic poly (AT) polymorphism of the DNA repair gene XPC and risk of squamous cell carcinoma of the head and neck: a case-control study. <i>Cancer Research</i> , 2001, 61, 3321-5.	0.4	91
10	Evidence of ultraviolet type mutations in xeroderma pigmentosum melanomas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 6279-6284.	3.3	85
11	The human XPG gene: gene architecture, alternative splicing and single nucleotide polymorphisms. <i>Nucleic Acids Research</i> , 2001, 29, 1443-1452.	6.5	80
12	Reduced XPC DNA repair gene mRNA levels in clinically normal parents of xeroderma pigmentosum patients. <i>Carcinogenesis</i> , 2005, 27, 84-94.	1.3	79
13	The xeroderma pigmentosum group C gene leads to selective repair of cyclobutane pyrimidine dimers rather than 6-4 photoproducts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 2151-2156.	3.3	76
14	Xeroderma Pigmentosum-Variant Patients from America, Europe, and Asia. <i>Journal of Investigative Dermatology</i> , 2008, 128, 2055-2068.	0.3	76
15	Ocular Manifestations of Xeroderma Pigmentosum. <i>Ophthalmology</i> , 2013, 120, 1324-1336.	2.5	74
16	Xeroderma Pigmentosum Group C Splice Mutation Associated with Autism and Hypoglycinemia 11 An abstract of this manuscript was presented at the annual meeting of the Society for Investigative Dermatology in Washington, DC. <i>Journal of Investigative Dermatology</i> , 1998, 111, 791-796.	0.3	66
17	Two essential splice lariat branchpoint sequences in one intron in a xeroderma pigmentosum DNA repair gene: mutations result in reduced XPC mRNA levels that correlate with cancer risk. <i>Human Molecular Genetics</i> , 2003, 13, 343-352.	1.4	63
18	Auditory analysis of xeroderma pigmentosum 1971-2012: hearing function, sun sensitivity and DNA repair predict neurological degeneration. <i>Brain</i> , 2013, 136, 194-208.	3.7	50

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19	Living with xeroderma pigmentosum: comprehensive photoprotection for highly photosensitive patients. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2014, 30, 146-152.	0.7	50
20	GTF2E2 Mutations Destabilize the General Transcription Factor Complex TFIIE in Individuals with DNA Repair-Proficient Trichothiodystrophy. <i>American Journal of Human Genetics</i> , 2016, 98, 627-642.	2.6	49
21	A Stop Codon in Xeroderma Pigmentosum Group C Families in Turkey and Italy: Molecular Genetic Evidence for a Common Ancestor. <i>Journal of Investigative Dermatology</i> , 2001, 117, 197-204.	0.3	45
22	Skin cancers, blindness, and anterior tongue mass in African brothers. <i>Journal of the American Academy of Dermatology</i> , 2008, 59, 881-886.	0.6	41
23	The influence of DNA repair on neurological degeneration, cachexia, skin cancer and internal neoplasms: autopsy report of four xeroderma pigmentosum patients (XP-A, XP-C and XP-D). <i>Acta Neuropathologica Communications</i> , 2013, 1, 4.	2.4	40
24	High frequency of <scp>PTEN</scp> mutations in nevi and melanomas from xeroderma pigmentosum patients. <i>Pigment Cell and Melanoma Research</i> , 2014, 27, 454-464.	1.5	40
25	No association between three xeroderma pigmentosum group C and one group G gene polymorphisms and risk of cutaneous melanoma. <i>European Journal of Human Genetics</i> , 2005, 13, 253-255.	1.4	38
26	XPC initiation codon mutation in xeroderma pigmentosum patients with and without neurological symptoms. <i>DNA Repair</i> , 2009, 8, 114-125.	1.3	35
27	Adverse effects of trichothiodystrophy DNA repair and transcription gene disorder on human fetal development. <i>Clinical Genetics</i> , 2010, 77, 365-373.	1.0	35
28	Mutations in the TTDN1 Gene Are Associated with a Distinct Trichothiodystrophy Phenotype. <i>Journal of Investigative Dermatology</i> , 2015, 135, 734-741.	0.3	32
29	Ocular Manifestations of Trichothiodystrophy. <i>Ophthalmology</i> , 2011, 118, 2335-2342.	2.5	30
30	Xeroderma pigmentosum complementation group G patient with a novel homozygous missense mutation and no neurological abnormalities. <i>Experimental Dermatology</i> , 2012, 21, 304-307.	1.4	30
31	Influence of XPB helicase on recruitment and redistribution of nucleotide excision repair proteins at sites of UV-induced DNA damage. <i>DNA Repair</i> , 2007, 6, 1359-1370.	1.3	27
32	Strict sun protection results in minimal skin changes in a patient with xeroderma pigmentosum and a novel c.2009delG mutation in XPD (ERCC2). <i>Experimental Dermatology</i> , 2009, 18, 64-68.	1.4	27
33	Clinical, Cellular, and Molecular Features of an Israeli Xeroderma Pigmentosum Family with a Frameshift Mutation in the XPC Gene: Sun Protection Prolongs Life. <i>Journal of Investigative Dermatology</i> , 2000, 115, 974-980.	0.3	26
34	Xeroderma Pigmentosum: A Model for Human Premature Aging. <i>Journal of Investigative Dermatology</i> , 2021, 141, 976-984.	0.3	26
35	High-risk pregnancy and neonatal complications in the DNA repair and transcription disorder trichothiodystrophy: report of 27 affected pregnancies. <i>Prenatal Diagnosis</i> , 2011, 31, 1046-1053.	1.1	24
36	Abnormal XPD-induced nuclear receptor transactivation in DNA repair disorders: trichothiodystrophy and xeroderma pigmentosum. <i>European Journal of Human Genetics</i> , 2013, 21, 831-837.	1.4	21

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37	Brittle hair, developmental delay, neurologic abnormalities, and photosensitivity in a 4-year-old girl. <i>Journal of the American Academy of Dermatology</i> , 2010, 63, 323-328.	0.6	18
38	Effect of mutations in XPD(ERCC2) on pregnancy and prenatal development in mothers of patients with trichothiodystrophy or xeroderma pigmentosum. <i>European Journal of Human Genetics</i> , 2012, 20, 1308-1310.	1.4	18
39	Predisposition to hematologic malignancies in patients with xeroderma pigmentosum. <i>Haematologica</i> , 2020, 105, e144-e146.	1.7	18
40	XPC branch-point sequence mutations disrupt U2 snRNP binding, resulting in abnormal pre-mRNA splicing in xeroderma pigmentosum patients. <i>Human Mutation</i> , 2010, 31, 167-175.	1.1	17
41	Readthrough of stop codons by use of aminoglycosides in cells from xeroderma pigmentosum group C patients. <i>Experimental Dermatology</i> , 2015, 24, 296-297.	1.4	17
42	Unexpected Occurrence of Xeroderma Pigmentosum in an Uncle and Nephew. <i>Archives of Dermatology</i> , 2009, 145, 1285-91.	1.7	13
43	Chimeric Negative Regulation of p14ARF and TBX1 by a t(9;22) Translocation Associated with Melanoma, Deafness, and DNA Repair Deficiency. <i>Human Mutation</i> , 2013, 34, 1250-1259.	1.1	11
44	Use of Big Data to Estimate Prevalence of Defective DNA Repair Variants in the US Population. <i>JAMA Dermatology</i> , 2019, 155, 72.	2.0	11
45	Farnesyltransferase Activity and mRNA Expression in Human Skin Basal Cell Carcinomas. <i>Biochemical and Biophysical Research Communications</i> , 1996, 220, 795-801.	1.0	10
46	Ancient origin of a Japanese xeroderma pigmentosum founder mutation. <i>Journal of Dermatological Science</i> , 2013, 69, 175-176.	1.0	10
47	Burning issues in the diagnosis of xeroderma pigmentosum. <i>British Journal of Dermatology</i> , 2013, 169, 1176-1176.	1.4	8
48	Pembrolizumab treatment of a patient with xeroderma pigmentosum with disseminated melanoma and multiple nonmelanoma skin cancers. <i>British Journal of Dermatology</i> , 2018, 178, 1009-1009.	1.4	8
49	Mortality-associated immunological abnormalities in trichothiodystrophy: correlation of reduced levels of immunoglobulin and neutrophils with poor patient survival. <i>British Journal of Haematology</i> , 2019, 185, 752-754.	1.2	8
50	Thyroid nodules in xeroderma pigmentosum patients: a feature of premature aging. <i>Journal of Endocrinological Investigation</i> , 2021, 44, 1475-1482.	1.8	7
51	Variant subtype of xeroderma pigmentosum diagnosed in a 77-year-old woman. <i>JAAD Case Reports</i> , 2018, 4, 1074-1076.	0.4	6
52	Reproductive Health in Xeroderma Pigmentosum. <i>Obstetrics and Gynecology</i> , 2019, 134, 814-819.	1.2	6
53	A Novel Complex Insertion/Deletion Mutation in the XPC DNA Repair Gene Leads to Skin Cancer in an Iraqi Family. <i>Journal of Investigative Dermatology</i> , 2006, 126, 2542-2544.	0.3	5
54	Metronidazole-Induced Hepatitis in a Teenager With Xeroderma Pigmentosum and Trichothiodystrophy Overlap. <i>Pediatrics</i> , 2021, 148, e2021050360.	1.0	4

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55	Differences in peripheral neuropathy in xeroderma pigmentosum complementation groups A and D as evaluated by nerve conduction studies. <i>BMC Neurology</i> , 2021, 21, 393.	0.8	4
56	Ultraviolet light selection assay to optimize oligonucleotide correction of mutations in endogenous xeroderma pigmentosum genes. <i>Gene Therapy</i> , 2004, 11, 1729-1734.	2.3	3
57	Four-dimensional, dynamic mosaicism is a hallmark of normal human skin that permits mapping of the organization and patterning of human epidermis during terminal differentiation. <i>PLoS ONE</i> , 2018, 13, e0198011.	1.1	3
58	Molecular diagnosis of xeroderma pigmentosum variant in an isolated population: the interface between precision medicine and public health. <i>British Journal of Dermatology</i> , 2017, 176, 1125-1126.	1.4	0
59	Cockayne syndrome, MEN1, and genomic variants: Exome sequencing is changing our view of the genetic landscape. <i>Pediatric Dermatology</i> , 2021, 38, 913-918.	0.5	0
60	Trichothiodystrophy Hair Shafts Display Distinct Ultrastructural Features. <i>Experimental Dermatology</i> , 0, , .	1.4	0