

# David T Croke

## List of Publications by Year in descending order

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43  
papers

1,517  
citations

331670

21  
h-index

302126

39  
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all docs

44  
docs citations

44  
times ranked

1713  
citing authors

#	ARTICLE	IF	CITATIONS
1	Classical galactosemia and mutations at the galactose-1-phosphate uridyl transferase (GALT) gene. <i>Human Mutation</i> , 1999, 13, 417-430.	2.5	145
2	Susceptibility genes for schizophrenia: Characterisation of mutant mouse models at the level of phenotypic behaviour. <i>Neuroscience and Biobehavioral Reviews</i> , 2007, 31, 60-78.	6.1	140
3	Gene expression differences between the microsatellite instability (MIN) and chromosomal instability (CIN) phenotypes in colorectal cancer revealed by high-density cDNA array hybridization. <i>Oncogene</i> , 2002, 21, 3253-3257.	5.9	115
4	Phenotypic studies on dopamine receptor subtype and associated signal transduction mutants: insights and challenges from 10 years at the psychopharmacology-molecular biology interface. <i>Psychopharmacology</i> , 2005, 181, 611-638.	3.1	106
5	Disruption to social dyadic interactions but not emotional/anxiety-related behaviour in mice with heterozygous knock-out of the schizophrenia risk gene neuregulin-1. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 462-466.	4.8	87
6	Topographical evaluation of the phenotype of spontaneous behaviour in mice with targeted gene deletion of the D1A dopamine receptor: paradoxical elevation of grooming syntax. <i>Neuropharmacology</i> , 1998, 37, 1595-1602.	4.1	74
7	Sexually dimorphic changes in the exploratory and habituation profiles of heterozygous neuregulin-1 knockout mice. <i>NeuroReport</i> , 2006, 17, 79-83.	1.2	74
8	The leukocyte protein L-plastin induces proliferation, invasion and loss of E-cadherin expression in colon cancer cells. <i>International Journal of Cancer</i> , 2006, 118, 2098-2104.	5.1	72
9	Genetic basis of transferase-deficient galactosaemia in Ireland and the population history of the Irish Travellers. <i>European Journal of Human Genetics</i> , 1999, 7, 549-554.	2.8	66
10	The psychopharmacology-molecular biology interface: exploring the behavioural roles of dopamine receptor subtypes using targeted gene deletion (knockout). <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2001, 25, 925-964.	4.8	58
11	Congenetic D1A Dopamine Receptor Mutants: Ethologically Based Resolution of Behavioural Topography Indicates Genetic Background as a Determinant of Knockout Phenotype. <i>Neuropsychopharmacology</i> , 2003, 28, 86-99.	5.4	56
12	INTERCELLULAR ADHESION MOLECULE-1 (ICAM-1) IS EXPRESSED ON HUMAN NEUTROPHILS AND IS ESSENTIAL FOR NEUTROPHIL ADHERENCE AND AGGREGATION. <i>Shock</i> , 1997, 8, 357-361.	2.1	46
13	Exploratory and habituation phenotype of heterozygous and homozygous COMT knockout mice. <i>Behavioural Brain Research</i> , 2007, 183, 236-239.	2.2	46
14	Dopamine D1 vs D5 receptor-dependent induction of seizures in relation to DARPP-32, ERK1/2 and GluR1-AMPA signalling. <i>Neuropharmacology</i> , 2008, 54, 1051-1061.	4.1	45
15	Comparative, Topographically-Based Evaluation of Behavioural Phenotype and Specification of D1-Like:D2 Interactions in a Line of Incipient Congenic Mice with D2 Dopamine Receptor 'Knockout'. <i>Neuropsychopharmacology</i> , 2001, 25, 527-536.	5.4	36
16	Ethological resolution of behavioural topography and D1-like versus D2-like agonist responses in congenic D5 dopamine receptor mutants: Identification of D5:D2-like interactions. <i>Synapse</i> , 2005, 55, 201-211.	1.2	33
17	Phenotypic, ethologically based resolution of spontaneous and D2-like vs D1-like agonist-induced behavioural topography in mice with congenic D3 dopamine receptor knockout?. <i>Synapse</i> , 2002, 46, 19-31.	1.2	32
18	Genetic diversity within the R408W phenylketonuria mutation lineages in Europe. <i>Human Mutation</i> , 2003, 21, 387-393.	2.5	32

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19	Topographical Assessment of Ethological and Dopamine Receptor Agonist-Induced Behavioral Phenotype in Mutants with Congenic DARPP-32 "Knockout"™. <i>Neuropsychopharmacology</i> , 2003, 28, 2055-2063.	5.4	29
20	Base-specific photocleavage of DNA induced by nanosecond U.V. pulsed laser radiation or methylene blue sensitisation. <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 751.	2.0	22
21	Comparative phenotypic resolution of spontaneous, D2-like and D1-like agonist-induced orofacial movement topographies in congenic mutants with dopamine D2 vs. D3 receptor "knockout?". <i>Synapse</i> , 2004, 51, 71-81.	1.2	21
22	Cancer and mutant DNA in blood plasma. <i>Lancet, The</i> , 1996, 348, 628.	13.7	20
23	The mutation spectrum of hyperphenylalaninaemia in the Republic of Ireland: the population history of the Irish revisited. <i>European Journal of Human Genetics</i> , 2002, 10, 530-538.	2.8	20
24	Ethological resolution of behavioral topography and D2-like vs. D1-like agonist responses in congenic D4 dopamine receptor "knockouts" Identification of D4:D1-like interactions. <i>Synapse</i> , 2006, 59, 107-118.	1.2	19
25	Potential and limitations of genetic manipulation in animals. <i>Drug Discovery Today: Technologies</i> , 2006, 3, 173-180.	4.0	18
26	Disruption of orofacial movement topographies in congenic mutants with dopamine D5 but not D4 receptor or DARPP-32 transduction "knockout"™. <i>European Neuropsychopharmacology</i> , 2006, 16, 437-445.	0.7	14
27	Genetic stratification of pathogen-response-related and other variants within a homogeneous Caucasian Irish population. <i>European Journal of Human Genetics</i> , 2005, 13, 798-806.	2.8	13
28	Ethologically Based Resolution of D2-Like Dopamine Receptor Agonist-versus Antagonist-Induced Behavioral Topography in Dopamine- and Adenosine 3',5'-Monophosphate-Regulated Phosphoprotein of 32 kDa "Knockout"™-Mutants Congenic on the C57BL/6 Genetic Background. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 310, 1281-1287.	2.5	12
29	Does Changing Examiner Stations During UK Postgraduate Surgery Objective Structured Clinical Examinations Influence Examination Reliability and Candidates'™ Scores?. <i>Journal of Surgical Education</i> , 2016, 73, 616-623.	2.5	10
30	D1-Like Dopamine Receptor-Mediated Function in Congenic Mutants with D1vs. D5Receptor "Knockout"™. <i>Journal of Receptor and Signal Transduction Research</i> , 2004, 24, 107-116.	2.5	9
31	The cholesteryl ester transfer protein (CETP) locus as a candidate gene in abdominal aortic aneurysm. <i>Clinical Genetics</i> , 1997, 51, 241-245.	2.0	9
32	Phenotype of spontaneous orofacial dyskinesia in neuregulin-1 "knockout"™ mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 330-333.	4.8	7
33	Changing Objective Structured Clinical Examinations Stations at Lunchtime During All Day Postgraduate Surgery Examinations Improves Examiner Morale and Stress. <i>Journal of Surgical Education</i> , 2017, 74, 736-747.	2.5	7
34	Frequency distribution of the Los Angeles and Duarte galactose-1-phosphate uridyltransferase variant alleles in the Irish population. <i>Molecular Genetics and Metabolism</i> , 2004, 82, 345-347.	1.1	5
35	An assessment of the Irish population for large-scale genetic mapping studies involving epilepsy and other complex diseases. <i>European Journal of Human Genetics</i> , 2008, 16, 176-183.	2.8	5
36	Identification of sequence variation in the galactose-1-phosphate uridyl transferase gene by dHPLC. <i>Molecular Genetics and Metabolism</i> , 2004, 81, 133-136.	1.1	4

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37	Tracking the changes in unloaded bone: Morphology and gene expression. <i>European Journal of Morphology</i> , 2006, 42, 208-216.	0.8	3
38	Identification of a novel PKD1 mutation in an Irish autosomal dominant polycystic kidney disease kindred. <i>Biochemical Society Transactions</i> , 1998, 26, S265-S265.	3.4	2
39	Genetic archaeology and the origins of the Irish population. <i>Irish Journal of Medical Science</i> , 2000, 169, 258-261.	1.5	2
40	Rapid detection of the R408W and I65T mutations in phenylketonuria by glycosylase mediated polymorphism detection. <i>Human Mutation</i> , 2001, 17, 432-432.	2.5	1
41	Loss of heterozygosity and microsatellite instability at the DCC and nm23 loci in Duke's B colorectal carcinoma. <i>Biochemical Society Transactions</i> , 1997, 25, 140S-140S.	3.4	0
42	79 Mutational spectrum of Phenylketonuria in Ireland. <i>Biochemical Society Transactions</i> , 1998, 26, S79-S79.	3.4	0
43	Studies of gene expression patterns in RER+ and RER- colon cancer cell lines. <i>Biochemical Society Transactions</i> , 1998, 26, S266-S266.	3.4	0