

Reinhard J Stger

List of Publications by Citations

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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.

43
papers

2,765
citations

21
h-index

48
g-index

48
ext. papers

3,062
ext. citations

8.1
avg, IF

4.84
L-index

#	Paper	IF	Citations
43	The mouse insulin-like growth factor type-2 receptor is imprinted and closely linked to the Tme locus. <i>Nature</i> , 1991 , 349, 84-7	50.4	783
42	Maternal-specific methylation of the imprinted mouse Igf2r locus identifies the expressed locus as carrying the imprinting signal. <i>Cell</i> , 1993 , 73, 61-71	56.2	581
41	The thrifty epigenotype: an acquired and heritable predisposition for obesity and diabetes?. <i>BioEssays</i> , 2008 , 30, 156-66	4.1	186
40	Hairpin-bisulfite PCR: assessing epigenetic methylation patterns on complementary strands of individual DNA molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 204-9	11.5	176
39	Conservation of a maternal-specific methylation signal at the human IGF2R locus. <i>Human Molecular Genetics</i> , 1995 , 4, 1945-52	5.6	108
38	Epigenetic variation illustrated by DNA methylation patterns of the fragile-X gene FMR1. <i>Human Molecular Genetics</i> , 1997 , 6, 1791-801	5.6	100
37	Errors in the bisulfite conversion of DNA: modulating inappropriate- and failed-conversion frequencies. <i>Nucleic Acids Research</i> , 2008 , 36, e150	20.1	98
36	Transient exposure to low levels of insecticide affects metabolic networks of honeybee larvae. <i>PLoS ONE</i> , 2013 , 8, e68191	3.7	89
35	In vivo methylation patterns of the leptin promoter in human and mouse. <i>Epigenetics</i> , 2006 , 1, 155-62	5.7	79
34	Epigenetics and obesity. <i>Pharmacogenomics</i> , 2008 , 9, 1851-60	2.6	60
33	Molecular barcodes detect redundancy and contamination in hairpin-bisulfite PCR. <i>Nucleic Acids Research</i> , 2004 , 32, e135	20.1	54
32	Allelic imbalance of expression and epigenetic regulation within the alpha-synuclein wild-type and p.Ala53Thr alleles in Parkinson disease. <i>Human Mutation</i> , 2010 , 31, 685-91	4.7	49
31	CHD5 defines a new subfamily of chromodomain-SWI2/SNF2-like helicases. <i>Mammalian Genome</i> , 2002 , 13, 117-9	3.2	39
30	CHD6 is a DNA-dependent ATPase and localizes at nuclear sites of mRNA synthesis. <i>FEBS Letters</i> , 2006 , 580, 5851-7	3.8	32
29	Encoding PCR products with batch-stamps and barcodes. <i>Biochemical Genetics</i> , 2007 , 45, 761-7	2.4	30
28	Global DNA methylation profiling of manganese-exposed human neuroblastoma SH-SY5Y cells reveals epigenetic alterations in Parkinson's disease-associated genes. <i>Archives of Toxicology</i> , 2017 , 91, 2629-2641	5.8	27
27	Mouse mitochondrial lipid composition is defined by age in brain and muscle. <i>Aging</i> , 2017 , 9, 986-998	5.6	27

26	High-level dietary cadmium exposure is associated with global DNA hypermethylation in the gastropod hepatopancreas. <i>PLoS ONE</i> , 2017 , 12, e0184221	3.7	23
25	Testing the FMR1 promoter for mosaicism in DNA methylation among CpG sites, strands, and cells in FMR1-expressing males with fragile X syndrome. <i>PLoS ONE</i> , 2011 , 6, e23648	3.7	22
24	Manganese exposure: Linking down-regulation of miRNA-7 and miRNA-433 with β -synuclein overexpression and risk of idiopathic Parkinson's disease. <i>Toxicology in Vitro</i> , 2018 , 46, 94-101	3.6	21
23	Interaction of the papillomavirus E8-E2C protein with the cellular CHD6 protein contributes to transcriptional repression. <i>Journal of Virology</i> , 2010 , 84, 9505-15	6.6	21
22	Elevated 5hmC levels characterize DNA of the cerebellum in Parkinson's disease. <i>Npj Parkinsons Disease</i> , 2017 , 3, 6	9.7	19
21	Fragile-X syndrome and myotonic dystrophy: parallels and paradoxes. <i>Current Opinion in Genetics and Development</i> , 1998 , 8, 245-53	4.9	18
20	Unravelling the role of epigenetics in reproductive adaptations to early-life environment. <i>Nature Reviews Endocrinology</i> , 2020 , 16, 519-533	15.2	16
19	Deletion of the Chd6 exon 12 affects motor coordination. <i>Mammalian Genome</i> , 2010 , 21, 130-42	3.2	15
18	Statistical inference of transmission fidelity of DNA methylation patterns over somatic cell divisions in mammals. <i>Annals of Applied Statistics</i> , 2010 , 4,	2.1	14
17	Epigenetic memory via concordant DNA methylation is inversely correlated to developmental potential of mammalian cells. <i>PLoS Genetics</i> , 2017 , 13, e1007060	6	12
16	STATISTICAL INFERENCE OF TRANSMISSION FIDELITY OF DNA METHYLATION PATTERNS OVER SOMATIC CELL DIVISIONS IN MAMMALS. <i>Annals of Applied Statistics</i> , 2010 , 4, 871-892	2.1	10
15	A Lexicon of DNA Modifications: Their Roles in Embryo Development and the Germline. <i>Frontiers in Cell and Developmental Biology</i> , 2018 , 6, 24	5.7	9
14	Statistical inference of in vivo properties of human DNA methyltransferases from double-stranded methylation patterns. <i>PLoS ONE</i> , 2012 , 7, e32225	3.7	9
13	Effect of cadmium on cytosine hydroxymethylation in gastropod hepatopancreas. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 15187-15195	5.1	8
12	Acute thiamethoxam toxicity in honeybees is not enhanced by common fungicide and herbicide and lacks stress-induced changes in mRNA splicing. <i>Scientific Reports</i> , 2019 , 9, 19196	4.9	8
11	The mouse Rsk3 gene maps to the Leh66 elements carrying the t-complex responder Tcr. <i>Mammalian Genome</i> , 1999 , 10, 794-802	3.2	6
10	Epigenetic drift during long-term culture of cells in vitro		5
9	DNA methylation changes during long-term in vitro cell culture are caused by epigenetic drift. <i>Communications Biology</i> , 2021 , 4, 598	6.7	5

8	Thiamethoxam exposure deregulates short ORF gene expression in the honey bee and compromises immune response to bacteria. <i>Scientific Reports</i> , 2021 , 11, 1489	4.9	2
7	Hairpin-Bisulfite PCR. <i>Methods in Molecular Biology</i> , 2021 , 2198, 287-299	1.4	1
6	Thiamethoxam exposure deregulates short ORF gene expression in the honey bee and compromises immune response to bacteria		1
5	Epigenetic regulation of 5Methyltransferase-1 underlies adaptive plasticity of reproductive function and pubertal timing.. <i>BMC Biology</i> , 2022 , 20, 11	7.3	0
4	N6-methyldeoxyadenine (6mA) Is a Rare Beast - in Animals at Least (retrospective on DOI 10.1002/bies.201500076). <i>BioEssays</i> , 2017 , 39, 1700157	4.1	
3	A as in actor: A 6mAshing performance (Comment on DOI 10.1002/bies.201500076). <i>BioEssays</i> , 2015 , 37, 1152	4.1	
2	Epigenetic Epidemiology of Obesity, Type 2 Diabetes, and Metabolic Disorders 2012 , 401-421		
1	Reply to: Timing of puberty - body size or reproductive optimization?. <i>Nature Reviews Endocrinology</i> , 2021 , 17, 573-574	15.2	