Simranjeet Kaur

List of Publications by Year
in descending order

38 papers	1,003 citations	567281 15 h-index	434195 31 g-index
39 all docs	39 docs citations	39 times ranked	1894 citing authors

#	Article	IF	Citations
1	Probing the binding site of curcumin in Escherichia coli and Bacillus subtilis FtsZ â€“ A structural insight to unveil antibacterial activity of curcumin. European Journal of Medicinal Chemistry, 2010, 45, 4209-4214.	5.5	150
2	The emerging role of lncRNAs in inflammatory bowel disease. Experimental and Molecular Medicine, 2018, 50, 1-14.	7.7	112
3	Breast Milk-Derived Extracellular Vesicles Enriched in Exosomes From Mothers With Type 1 Diabetes Contain Aberrant Levels of microRNAs. Frontiers in Immunology, 2019, 10, 2543.	4.8	77
4	Effects of GWAS-Associated Genetic Variants on lncRNAs within IBD and T1D Candidate Loci. PLoS ONE, 2014, 9, e105723.	2.5	74
5	Circulating microRNA levels predict residual beta cell function and glycaemic control in children with type 1 diabetes mellitus. Diabetologia, 2017, 60, 354-363.	6.3	65
6	Abnormal islet sphingolipid metabolism in type 1 diabetes. Diabetologia, 2018, 61, 1650-1661.	6.3	56
7	Bisnaphthalimidopropyl Derivatives as Inhibitors of Leishmania SIR2 Related Proteinâ€...1. ChemMedChem, 2010, 5, 140-147.	3.2	49
8	Long non-coding RNAs as novel players in Î² cell function and type 1 diabetes. Human Genomics, 2017, 11, 17.	2.9	48
9	Genes Affecting Î²-Cell Function in Type 1 Diabetes. Current Diabetes Reports, 2015, 15, 97.	4.2	40
10	54th EASD Annual Meeting of the European Association for the Study of Diabetes. Diabetologia, 2018, 61, 1-620.	6.3	37
11	The genetic and regulatory architecture of ERBB3-type 1 diabetes susceptibility locus. Molecular and Cellular Endocrinology, 2016, 419, 83-91.	3.2	31
12	Cell Type-Selective Expression of Circular RNAs in Human Pancreatic Islets. Non-coding RNA, 2018, 4, 38.	2.6	26
13	miRNA-27a-3p and miRNA-222-3p as Novel Modulators of Phosphodiesterase 3a (PDE3A) in Cerebral Microvascular Endothelial Cells. Molecular Neurobiology, 2019, 56, 5304-5314.	4.0	25
14	Influence of Disease Duration on Circulating Levels of miRNAs in Children and Adolescents with New Onset Type 1 Diabetes. Non-coding RNA, 2018, 4, 35.	2.6	21
15	MicroRNAs and histone deacetylase inhibition-mediated protection against inflammatory Î²-cell damage. PLoS ONE, 2018, 13, e0203713.	2.5	17
16	Genetic predisposition in the 2â€²-5â€²A pathway in the development of type 1 diabetes: potential contribution to dysregulation of innate antiviral immunity. Diabetologia, 2021, 64, 1805-1815.	6.3	17
17	Genetic Risk Score Modelling for Disease Progression in New-Onset Type 1 Diabetes Patients: Increased Genetic Load of Islet-Expressed and Cytokine-Regulated Candidate Genes Predicts Poorer Glycemic Control. Journal of Diabetes Research, 2016, 2016, 1-8.	2.3	16
18	A Dual Systems Genetics Approach Identifies Common Genes, Networks, and Pathways for Type 1 and 2 Diabetes in Human Islets. Frontiers in Genetics, 2021, 12, 630109.	2.3	16

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19	Structural analysis of trypanosomal sirtuin: an insight for selective drug design. Molecular Diversity, 2010, 14, 169-178.	3.9	14
20	Plasma Exosome-Enriched Extracellular Vesicles From Lactating Mothers With Type 1 Diabetes Contain Aberrant Levels of miRNAs During the Postpartum Period. Frontiers in Immunology, 2021, 12, 744509.	4.8	13
21	Structure based design of novel inhibitors for histidinol dehydrogenase from Geotrichum candidum. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 3972-3976.	2.2	11
22	Metabolomic Biomarkers in the Progression to Type 1 Diabetes. Current Diabetes Reports, 2016, 16, 127.	4.2	11
23	Effects of the genome on immune regulation in type 1 diabetes. Pediatric Diabetes, 2016, 17, 37-42.	2.9	10
24	Alu Elements as Novel Regulators of Gene Expression in Type 1 Diabetes Susceptibility Genes?. Genes, 2015, 6, 577-591.	2.4	9
25	The Rac2 GTPase contributes to cathepsin H-mediated protection against cytokine-induced apoptosis in insulin-secreting cells. Molecular and Cellular Endocrinology, 2020, 518, 110993.	3.2	9
26	Cytotoxicity and Cell Death Mechanisms Induced by a Novel Bisnaphthalimidopropyl Derivative against the NCI-H460 non-small Lung Cancer Cell Line. Anti-Cancer Agents in Medicinal Chemistry, 2013, 13, 414-421.	1.7	9
27	Hepatitis B virus suppresses the secretion of insulin-like growth factor binding protein 1 to facilitate anti-apoptotic IGF-1 effects in HepG2 cells. Experimental Cell Research, 2018, 370, 399-408.	2.6	8
28	SKAP2, a Candidate Gene for Type 1 Diabetes, Regulates Î²-Cell Apoptosis and Glycemic Control in Newly Diagnosed Patients. Diabetes, 2021, 70, 464-476.	0.6	8
29	Children at onset of type 1 diabetes show altered N-glycosylation of plasma proteins and IgG. Diabetologia, 2022, 65, 1315-1327.	6.3	8
30	Comparative ncRNA Gene and Structure Prediction Using Foldalign and FoldalignM. Current Protocols in Bioinformatics, 2012, 39, Unit12.11.	25.8	5
31	miRNAs regulate development and function of regulatory T-cells in recent onset islet autoimmunity in pre-Type 1 diabetes. Non-coding RNA Investigation, 2018, 2, 16-16.	0.6	4
32	Long Noncoding RNAs in Diabetes and Î²-Cell Regulation. RNA Technologies, 2020, , 523-544.	0.3	2
33	Cytotoxicity and Cell Death Mechanisms Induced by a Novel Bisnaphthalimidopropyl Derivative against the NCI-H460 non-small Lung Cancer Cell Line. Anti-Cancer Agents in Medicinal Chemistry, 2013, 13, 414-421.	1.7	1
34	Characterization of plasma lipidomics in adolescent subjects with increased risk for type 1 diabetes in the DiPiS cohort. Metabolomics, 2020, 16, 109.	3.0	1
35	1005 Bisnaphthalimidopropyl Derivatives as Antitumor Agents â€“Targeting SIRT2. European Journal of Cancer, 2012, 48, S243.	2.8	0
36	Tu1766 â€“ Dysregulated Lncrnas in Inflammatory Bowel Disease Demonstrate Immune System Related Association Through Guilt-By Association Analysis. Gastroenterology, 2019, 156, S-1116.	1.3	0

#	Article	IF	Citations
37	1111-P: Integrating Longitudinal Clinical and Baseline Multiomics Data for Predicting C-Peptide Progression in Newly Diagnosed Type 1 Diabetes. Diabetes, 2021, 70, .	0.6	0
38	Genetic Variants Associated with Neuropeptide Y Autoantibody Levels in Newly Diagnosed Individuals with Type 1 Diabetes. Genes, 2022, 13, 869.	2.4	0