Dinesh C Soares

List of Publications by Year
in descending order

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62 papers	3,311 citations	136950 32 h-index	155660 55 g-index
63 all docs	63 docs citations	63 times ranked	5730 citing authors

#	Article	IF	Citations
1	The DISC locus in psychiatric illness. Molecular Psychiatry, 2008, 13, 36-64.	7.9	554
2	SAF-A Regulates Interphase Chromosome Structure through Oligomerization with Chromatin-Associated RNAs. Cell, 2017, 169, 1214-1227.e18.	28.9	166
3	A structurally distinct TGF-Î² mimic from an intestinal helminth parasite potently induces regulatory T cells. Nature Communications, 2017, 8, 1741.	12.8	159
4	HpARI Protein Secreted by a Helminth Parasite Suppresses Interleukin-33. Immunity, 2017, 47, 739-751.e5.	14.3	130
5	DISC1: Structure, Function, and Therapeutic Potential for Major Mental Illness. ACS Chemical Neuroscience, 2011, 2, 609-632.	3.5	109
6	A Cytogenetic Abnormality and Rare Coding Variants Identify ABCA13 as a Candidate Gene in Schizophrenia, Bipolar Disorder, and Depression. American Journal of Human Genetics, 2009, 85, 833-846.	6.2	102
7	DISC1 genetics, biology and psychiatric illness. Frontiers in Biology, 2013, 8, 1-31.	0.7	102
8	RPGR: Its role in photoreceptor physiology, human disease, and future therapies. Experimental Eye Research, 2015, 138, 32-41.	2.6	98
9	ARABIDOPSIS CRINKLY4 Function, Internalization, and Turnover Are Dependent on the Extracellular Crinkly Repeat Domain. Plant Cell, 2005, 17, 1154-1166.	6.6	94
10	DISC1 complexes with TRAK1 and Miro1 to modulate anterograde axonal mitochondrial trafficking. Human Molecular Genetics, 2014, 23, 906-919.	2.9	84
11	Monoallelic and Biallelic Mutations in MAB21L2 Cause a Spectrum of Major Eye Malformations. American Journal of Human Genetics, 2014, 94, 915-923.	6.2	79
12	PKA Phosphorylation of NDE1 Is DISC1/PDE4 Dependent and Modulates Its Interaction with LIS1 and NDEL1. Journal of Neuroscience, 2011, 31, 9043-9054.	3.6	72
13	The intermediate filament protein, vimentin, is a regulator of NOD2 activity. Gut, 2013, 62, 695-707.	12.1	71
14	DISC1 as a genetic risk factor for schizophrenia and related major mental illness: response to Sullivan. Molecular Psychiatry, 2014, 19, 141-143.	7.9	62
15	A t(1;11) translocation linked to schizophrenia and affective disorders gives rise to aberrant chimeric DISC1 transcripts that encode structurally altered, deleterious mitochondrial proteins. Human Molecular Genetics, 2012, 21, 3374-3386.	2.9	61
16	Structural Models of Human eEF1A1 and eEF1A2 Reveal Two Distinct Surface Clusters of Sequence Variation and Potential Differences in Phosphorylation. PLoS ONE, 2009, 4, e6315.	2.5	60
17	Structural Analysis of the Complement Control Protein (CCP) Modules of GABAB Receptor 1a. Journal of Biological Chemistry, 2004, 279, 48292-48306.	3.4	59
18	708 Common and 2010 rare DISC1 locus variants identified in 1542 subjects: analysis for association with psychiatric disorder and cognitive traits. Molecular Psychiatry, 2014, 19, 668-675.	7.9	59

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19	Structure of the N-terminal Region of Complement Factor H and Conformational Implications of Disease-linked Sequence Variations. Journal of Biological Chemistry, 2008, 283, 9475-9487.	3.4	58
20	Ablation of EYS in zebrafish causes mislocalisation of outer segment proteins, F-actin disruption and cone-rod dystrophy. Scientific Reports, 2017, 7, 46098.	3.3	52
21	The Central Portion of Factor H (Modules 10â€“15) Is Compact and Contains a Structurally Deviant CCP Module. Journal of Molecular Biology, 2010, 395, 105-122.	4.2	51
22	A common variant in the 3'UTR of the GRIK4 glutamate receptor gene affects transcript abundance and protects against bipolar disorder. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 14940-14945.	7.1	50
23	The structure of the KlcA and ArdB proteins reveals a novel fold and antirestriction activity against Type I DNA restriction systems in vivo but not in vitro. Nucleic Acids Research, 2010, 38, 1723-1737.	14.5	50
24	The evolution of TEP1, an exceptionally polymorphic immunity gene in Anopheles gambiae. BMC Evolutionary Biology, 2008, 8, 274.	3.2	47
25	Large-scale modelling as a route to multiple surface comparisons of the CCP module family. Protein Engineering, Design and Selection, 2005, 18, 379-388.	2.1	45
26	Novel de novo <scp>EEF</scp>1A2 missense mutations causing epilepsy and intellectual disability. Molecular Genetics & Genomic Medicine, 2016, 4, 465-474.	1.2	44
27	NDE1 and NDEL1: Multimerisation, alternate splicing and DISC1 interaction. Neuroscience Letters, 2009, 449, 228-233.	2.1	41
28	Condensin II mutation causes T-cell lymphoma through tissue-specific genome instability. Genes and Development, 2016, 30, 2173-2186.	5.9	41
29	NDE1 and NDEL1: twin neurodevelopmental proteins with similar â€˜natureâ€™ but different â€˜nurtureâ€™. Biomolecular Concepts, 2013, 4, 447-464.	2.2	40
30	Oxovanadium(IV) Cyclam and Bicyclam Complexes: Potential CXCR4 Receptor Antagonists. Inorganic Chemistry, 2010, 49, 1122-1132.	4.0	39
31	Structural Analysis of the C-Terminal Region (Modules 18â€“20) of Complement Regulator Factor H (FH). PLoS ONE, 2012, 7, e32187.	2.5	39
32	The Mitosis and Neurodevelopment Proteins NDE1 and NDEL1 Form Dimers, Tetramers, and Polymers with a Folded Back Structure in Solution. Journal of Biological Chemistry, 2012, 287, 32381-32393.	3.4	38
33	PLAA Mutations Cause a Lethal Infantile Epileptic Encephalopathy by Disrupting Ubiquitin-Mediated Endolysosomal Degradation of Synaptic Proteins. American Journal of Human Genetics, 2017, 100, 706-724.	6.2	37
34	Rare disruptive variants in the DISC1 Interactome and Regulome: association with cognitive ability and schizophrenia. Molecular Psychiatry, 2018, 23, 1270-1277.	7.9	37
35	eEF1A2 and neuronal degeneration. Biochemical Society Transactions, 2009, 37, 1293-1297.	3.4	31
36	Novel pathogenic mutations in C1QTNF5 support a dominant negative disease mechanism in late-onset retinal degeneration. Scientific Reports, 2017, 7, 12147.	3.3	30

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37	Targeted sequencing of the Paget's disease associated 14q32 locus identifies several missense coding variants in RIN3 that predispose to Paget's disease of bone. Human Molecular Genetics, 2015, 24, 3286-3295.	2.9	29
38	Structure-based Mapping of DAF Active Site Residues That Accelerate the Decay of C3 Convertases. Journal of Biological Chemistry, 2007, 282, 18552-18562.	3.4	27
39	Complement Control Protein Modules in the Regulators of Complement Activation. , 2005, , 19-62.		27
40	Highly homologous eEF1A1 and eEF1A2 exhibit differential post-translationalmodification with significant enrichment around localised sites of sequence variation. Biology Direct, 2013, 8, 29.	4.6	26
41	Functional Insights from the Structure of the Multifunctional C345C Domain of C5 of Complement. Journal of Biological Chemistry, 2005, 280, 10636-10645.	3.4	25
42	Molecular evolution of the human SRPX2 gene that causes brain disorders of the Rolandic and Sylvian speech areas. BMC Genetics, 2007, 8, 72.	2.7	25
43	Atypical Femoral Fracture in Osteoporosis Pseudoglioma Syndrome Associated with Two Novel Compound Heterozygous Mutations in LRP5. Journal of Bone and Mineral Research, 2015, 30, 615-620.	2.8	25
44	In silico structure-function analysis of pathological variation in the HSD11B2 gene sequence. Physiological Genomics, 2010, 42, 319-330.	2.3	24
45	Solution Structure of CCP Modules 10â€“12 Illuminates Functional Architecture of the Complement Regulator, Factor H. Journal of Molecular Biology, 2012, 424, 295-312.	4.2	24
46	A structural organization for the Disrupted in Schizophrenia 1 protein, identified by high-throughput screening, reveals distinctly folded regions, which are bisected by mental illness-related mutations. Journal of Biological Chemistry, 2017, 292, 6468-6477.	3.4	22
47	A recurrent de novo mutation inACTG1causes isolated ocular coloboma. Human Mutation, 2017, 38, 942-946.	2.5	21
48	HIV-1 Uncoating and Reverse Transcription Require eEF1A Binding to Surface-Exposed Acidic Residues of the Reverse Transcriptase Thumb Domain. MBio, 2018, 9, .	4.1	18
49	Evolutionary Characterization of the Retinitis Pigmentosa GTPase Regulator Gene. , 2015, 56, 6255.		16
50	Specific Interaction between eEF1A and HIV RT Is Critical for HIV-1 Reverse Transcription and a Potential Anti-HIV Target. PLoS Pathogens, 2015, 11, e1005289.	4.7	16
51	Pathogenic mutations in retinitis pigmentosa 2 predominantly result in loss of RP2 protein stability in humans and zebrafish. Journal of Biological Chemistry, 2017, 292, 6225-6239.	3.4	16
52	Missense Mutations in the Human Nanophthalmos GeneTMEM98Cause Retinal Defects in the Mouse. , 2019, 60, 2875.		16
53	Solution Structure of Factor I-like Modules from Complement C7 Reveals a Pair of Follistatin Domains in Compact Pseudosymmetric Arrangement. Journal of Biological Chemistry, 2009, 284, 19637-19649.	3.4	15
54	Opportunities for New Therapies Based on the Natural Regulators of Complement Activation. Annals of the New York Academy of Sciences, 2005, 1056, 176-188.	3.8	12

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55	An interrupted beta-propeller and protein disorder: structural bioinformatics insights into the N-terminus of alsin. Journal of Molecular Modeling, 2009, 15, 113-122.	1.8	11
56	Characterization of a novel RP2-OSTF1 interaction and its implication for actin remodeling. Journal of Cell Science, 2018, 131, .	2.0	6
57	Disease-Associated Sequence Variations in Factor H: A Structural Biology Approach. , 2006, 586, 313-327.		5
58	Complement Control Protein Modules in the Regulators of Complement Activation. , 2005, , 19-62.		5
59	Translation elongation factor 1A2 is encoded by one of four closely related eef1a genes and is dispensable for survival in zebrafish. Bioscience Reports, 2020, 40, .	2.4	4
60	ACS Omega 2017: A Year-End Expression of Appreciation for the Fundamental Contributions of Our Reviewers. ACS Omega, 2018, 3, 595-607.	3.5	2
61	Celebrating 5 Years of Open Access with ACS Omega. ACS Omega, 2020, 5, 16986-16986.	3.5	2
62	Energy Research at ACS in the Age of Open Access. ACS Omega, 2021, 6, 7967-7969.	3.5	1