Samir Kumar-Singh

List of Publications by Year
in descending order

108	9,472	57758 44	40979 93
papers	citations	h-index	g-index

125	125	125	11066
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Null mutations in progranulin cause ubiquitin-positive frontotemporal dementia linked to chromosome 17q21. Nature, 2006, 442, 920-924.	27.8	1,386
2	Nomenclature and nosology for neuropathologic subtypes of frontotemporal lobar degeneration: an update. Acta Neuropathologica, 2010, 119, 1-4.	7.7	854
3	Identification of a novel plasmid-mediated colistin-resistance gene, mcr-2, in Escherichia coli, Belgium, June 2016. Eurosurveillance, 2016, 21, .	7.0	648
4	TDP-43 transgenic mice develop spastic paralysis and neuronal inclusions characteristic of ALS and frontotemporal lobar degeneration. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3858-3863.	7.1	491
5	Common variants at 7p21 are associated with frontotemporal lobar degeneration with TDP-43 inclusions. Nature Genetics, 2010, 42, 234-239.	21.4	479
6	Nomenclature for neuropathologic subtypes of frontotemporal lobar degeneration: consensus recommendations. Acta Neuropathologica, 2009, 117, 15-18.	7.7	377
7	Mean age-of-onset of familial alzheimer disease caused by presenilin mutations correlates with both increased AÎ²42 and decreased AÎ²40. Human Mutation, 2006, 27, 686-695.	2.5	306
8	FUS pathology defines the majority of tau- and TDP-43-negative frontotemporal lobar degeneration. Acta Neuropathologica, 2010, 120, 33-41.	7.7	222
9	A novel presenilin 1 mutation associated with Pick's disease but not Î²â€amyloid plaques. Annals of Neurology, 2004, 55, 617-626.	5.3	210
10	In vivo and In vitro Interactions between Pseudomonas aeruginosa and Staphylococcus spp.. Frontiers in Cellular and Infection Microbiology, 2017, 7, 106.	3.9	193
11	Pathogenic APP mutations near the gamma-secretase cleavage site differentially affect Abeta secretion and APP C-terminal fragment stability. Human Molecular Genetics, 2001, 10, 1665-1671.	2.9	178
12	Angiogenic cytokines in mesothelioma: a study of VEGF, FGF-1 and -2, and TGF ? expression. Journal of Pathology, 1999, 189, 72-78.	4.5	176
13	Dense-Core Plaques in Tg2576 and PSAPP Mouse Models of Alzheimer's Disease Are Centered on Vessel Walls. American Journal of Pathology, 2005, 167, 527-543.	3.8	168
14	Alzheimer and Parkinson Diagnoses in Progranulin Null Mutation Carriers in an Extended Founder Family. Archives of Neurology, 2007, 64, 1436.	4.5	143
15	Variant Alzheimer's disease with spastic paraparesis and cotton wool plaques is caused by PS-1 mutations that lead to exceptionally high amyloid-? concentrations. Annals of Neurology, 2000, 48, 806-808.	5.3	135
16	Nonfibrillar diffuse amyloid deposition due to a gamma42-secretase site mutation points to an essential role for N-truncated Abeta42 in Alzheimer's disease. Human Molecular Genetics, 2000, 9, 2589-2598.	2.9	135
17	The risk for behavioural deficits is determined by the maternal immune response to prenatal immune challenge in a neurodevelopmental model. Brain, Behavior, and Immunity, 2014, 42, 138-146.	4.1	114
18	WT1 MUTATION IN MALIGNANT MESOTHELIOMA AND WT1 IMMUNOREACTIVITY IN RELATION TOp53 AND GROWTH FACTOR RECEPTOR EXPRESSION, CELL-TYPE TRANSITION, AND PROGNOSIS. , 1997, 181, 67-74.		112

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19	Antibody Elution Method for Multiple Immunohistochemistry on Primary Antibodies Raised in the Same Species and of the Same Subtype. Journal of Histochemistry and Cytochemistry, 2009, 57, 567-575.	2.5	112
20	Dense-Core Senile Plaques in the Flemish Variant of Alzheimer's Disease Are Vasocentric. American Journal of Pathology, 2002, 161, 507-520.	3.8	108
21	Cellular ageing, increased mortality and FTLDâ€TDPâ€associated neuropathology in progranulin knockout mice. Journal of Pathology, 2012, 228, 67-76.	4.5	102
22	Proposal for assignment of allele numbers for mobile colistin resistance (mcr) genes. Journal of Antimicrobial Chemotherapy, 2018, 73, 2625-2630.	3.0	101
23	Behavioral Disturbances without Amyloid Deposits in Mice Overexpressing Human Amyloid Precursor Protein with Flemish (A692G) or Dutch (E693Q) Mutation. Neurobiology of Disease, 2000, 7, 9-22.	4.4	100
24	Syndecan-1 expression in malignant mesothelioma: correlation with cell differentiation, WT1 expression, and clinical outcome. , 1998, 186, 300-305.		98
25	Consolidating and Exploring Antibiotic Resistance Gene Data Resources. Journal of Clinical Microbiology, 2016, 54, 851-859.	3.9	94
26	Hypolocomotive behaviour associated with increased microglia in a prenatal immune activation model with relevance to schizophrenia. Behavioural Brain Research, 2014, 258, 179-186.	2.2	93
27	Clinical heterogeneity in 3 unrelated families linked to VCP p.Arg159His. Neurology, 2009, 73, 626-632.	1.1	84
28	Overexpression of ALS-Associated p.M337V Human TDP-43 in Mice Worsens Disease Features Compared to Wild-type Human TDP-43 Mice. Molecular Neurobiology, 2013, 48, 22-35.	4.0	83
29	Cerebral amyloid angiopathy: pathogenetic mechanisms and link to dense amyloid plaques. Genes, Brain and Behavior, 2008, 7, 67-82.	2.2	78
30	EVALUATION OF TUMOUR ANGIOGENESIS AS A PROGNOSTIC MARKER IN MALIGNANT MESOTHELIOMA. , 1997, 182, 211-216.		76
31	Progranulin expression correlates with denseâ€core amyloid plaque burden in Alzheimer disease mouse models. Journal of Pathology, 2009, 219, 173-181.	4.5	75
32	Cerebral amyloid angiopathy is a pathogenic lesion in Alzheimer's disease due to a novel presenilin 1 mutation. Brain, 2001, 124, 2383-2392.	7.6	70
33	Tetraspanin 6: a pivotal protein of the multiple vesicular body determining exosome release and lysosomal degradation of amyloid precursor protein fragments. Molecular Neurodegeneration, 2017, 12, 25.	10.8	70
34	Brain inflammation in a chronic epilepsy model: Evolving pattern of the translocator protein during epileptogenesis. Neurobiology of Disease, 2015, 82, 526-539.	4.4	69
35	Frontotemporal Lobar Degeneration: Current Concepts in the Light of Recent Advances. Brain Pathology, 2007, 17, 104-114.	4.1	66
36	Current Insights into Molecular Mechanisms of Alzheimer Disease and Their Implications for Therapeutic Approaches. Neurodegenerative Diseases, 2007, 4, 349-365.	1.4	64

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37	Alzheimer dementia caused by a novel mutation located in the APP C-terminal intracytosolic fragment. Human Mutation, 2006, 27, 888-896.	2.5	62
38	Progranulin Mutations in Ubiquitin-Positive Frontotemporal Dementia Linked to Chromosome 17q21. Current Alzheimer Research, 2006, 3, 485-491.	1.4	60
39	Increased caspase activation and decreased TDPâ€43 solubility in progranulin knockout cortical cultures. Journal of Neurochemistry, 2010, 115, 735-747.	3.9	57
40	P2X7 receptor antagonism reduces the severity of spontaneous seizures in a chronic model of temporal lobe epilepsy. Neuropharmacology, 2016, 105, 175-185.	4.1	57
41	A novel locus for dementia with Lewy bodies: a clinically and genetically heterogeneous disorder. Brain, 2007, 130, 2277-2291.	7.6	56
42	Tau is central in the genetic Alzheimerâ€“frontotemporal dementia spectrum. Trends in Genetics, 2005, 21, 664-672.	6.7	55
43	Intraneuronal amyloid Î² and reduced brain volume in a novel APP T714I mouse model for Alzheimer's disease. Neurobiology of Aging, 2008, 29, 241-252.	3.1	52
44	Presentation of amyloidosis in carriers of the codon 692 mutation in the amyloid precursor protein gene (APP692). Brain, 2000, 123, 2130-2140.	7.6	51
45	Progranulin and TDP-43: Mechanistic Links and Future Directions. Journal of Molecular Neuroscience, 2011, 45, 561-573.	2.3	51
46	The endotracheal tube microbiome associated with Pseudomonas aeruginosa or Staphylococcus epidermidis. Scientific Reports, 2016, 6, 36507.	3.3	51
47	Rapid evolution and host immunity drive the rise and fall of carbapenem resistance during an acute Pseudomonas aeruginosa infection. Nature Communications, 2021, 12, 2460.	12.8	47
48	Identification of 2 Loci at Chromosomes 9 and 14 in a Multiplex Family With Frontotemporal Lobar Degeneration and Amyotrophic Lateral Sclerosis. Archives of Neurology, 2010, 67, 606-16.	4.5	47
49	CD8 signaling in microglia/macrophage M1 polarization in a rat model of cerebral ischemia. PLoS ONE, 2018, 13, e0186937.	2.5	47
50	Characterization of Ubiquitinated Intraneuronal Inclusions in a Novel Belgian Frontotemporal Lobar Degeneration Family. Journal of Neuropathology and Experimental Neurology, 2006, 65, 289-301.	1.7	45
51	In Vitro Studies of Flemish, Dutch, and Wild-Type Î²-Amyloid Provide Evidence for Two-Staged Neurotoxicity. Neurobiology of Disease, 2002, 11, 330-340.	4.4	44
52	Neuroinflammation and Not Tauopathy Is a Predominant Pathological Signature of Nodding Syndrome. Journal of Neuropathology and Experimental Neurology, 2019, 78, 1049-1058.	1.7	44
53	Comparison of Biofilm Formation between Major Clonal Lineages of Methicillin Resistant Staphylococcus aureus. PLoS ONE, 2014, 9, e104561.	2.5	43
54	Frameshift proteins in autosomal dominant forms of Alzheimer disease and other tauopathies. Neurology, 2006, 66, S86-92.	1.1	40

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55	Computer-assisted differential diagnosis of malignant mesothelioma based on syntactic structure analysis. , 1999, 35, 23-29.		38
56	^{99m}Tc-Duramycin SPECT Imaging of Early Tumor Response to Targeted Therapy: A Comparison with¹⁸F-FDG PET. Journal of Nuclear Medicine, 2017, 58, 665-670.	5.0	38
57	Hereditary cerebral hemorrhage with amyloidosis dutch type (AÎ²PP 693): decreased plasma amyloid-Î² 42 concentration. Neurobiology of Disease, 2003, 14, 619-623.	4.4	37
58	Inhibition of Aquaporin 4 Decreases Amyloid AÎ²40 Drainage Around Cerebral Vessels. Molecular Neurobiology, 2020, 57, 4720-4734.	4.0	32
59	Hereditary and Sporadic Forms of AÎ²-Cerebrovascular Amyloidosis and Relevant Transgenic Mouse Models. International Journal of Molecular Sciences, 2009, 10, 1872-1895.	4.1	31
60	BacPipe: A Rapid, User-Friendly Whole-Genome Sequencing Pipeline for Clinical Diagnostic Bacteriology. IScience, 2020, 23, 100769.	4.1	31
61	Onchocerca volvulus is not detected in the cerebrospinal fluid of persons with onchocerciasis-associated epilepsy. International Journal of Infectious Diseases, 2020, 91, 119-123.	3.3	30
62	Animal models of hospital-acquired pneumonia: current practices and future perspectives. Annals of Translational Medicine, 2017, 5, 132-132.	1.7	29
63	Pathology of early-onset Alzheimer's disease cases bearing the Thr113-114ins presenilin-1 mutation. Brain, 2000, 123, 2467-2474.	7.6	28
64	Comparison of GeneXpert MRSA/SA ETA assay with semi-quantitative and quantitative cultures and nuc gene-based qPCR for detection of Staphylococcus aureus in endotracheal aspirate samples. Antimicrobial Resistance and Infection Control, 2019, 8, 4.	4.1	25
65	A dynamic mucin mRNA signature associates with COVID-19 disease presentation and severity. JCI Insight, 2021, 6, .	5.0	23
66	Susceptibility profiles and resistance genomics of Pseudomonas aeruginosa isolates from European ICUs participating in the ASPIRE-ICU trial. Journal of Antimicrobial Chemotherapy, 2022, 77, 1862-1872.	3.0	23
67	Frontotemporal Lobar Degeneration with Ubiquitin-Positive Inclusions: A Molecular Genetic Update. Neurodegenerative Diseases, 2007, 4, 227-235.	1.4	21
68	Immunoreactivity for bcl-2 protein in malignant mesothelioma and non-neoplastic mesothelium. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 1994, 424, 631-634.	2.8	20
69	Biofilm-Induced Type 2 Innate Immunity in a Cystic Fibrosis Model of Pseudomonas aeruginosa. Frontiers in Cellular and Infection Microbiology, 2017, 7, 274.	3.9	19
70	Transforming growth factor-Î², basement membrane components and heparan sulphate proteoglycans in experimental hepatic schistosomiasis mansoni. Cell and Tissue Research, 1998, 292, 101-106.	2.9	18
71	GlutathioneS-transferase expression in malignant mesothelioma and non-neoplastic mesothelium: an immunohistochemical study. Journal of Cancer Research and Clinical Oncology, 1996, 122, 619-624.	2.5	17
72	The Secretome of Filarial Nematodes and Its Role in Host-Parasite Interactions and Pathogenicity in Onchocerciasis-Associated Epilepsy. Frontiers in Cellular and Infection Microbiology, 2021, 11, 662766.	3.9	17

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73	No Evidence for the Involvement of Leiomodin-1 Antibodies in the Pathogenesis of Onchocerciasis-Associated Epilepsy. Pathogens, 2021, 10, 845.	2.8	16
74	Comparison of Diagnostic Tests for Onchocerca volvulus in the Democratic Republic of Congo. Pathogens, 2020, 9, 435.	2.8	15
75	Fractal analysis of amyloid plaques in Alzheimer's disease patients and mouse models. Neurobiology of Aging, 2011, 32, 1579-1587.	3.1	14
76	Immunoglobin G/total antibody testing for SARS-CoV-2: A prospective cohort study of ambulatory patients and health care workers in two Belgian oncology units comparing three commercial tests. European Journal of Cancer, 2021, 148, 328-339.	2.8	14
77	Evaluation of the Kinetics of Antibody Response to COVID-19 Vaccine in Solid Organ Transplant Recipients: The Prospective Multicenter ORCHESTRA Cohort. Microorganisms, 2022, 10, 1021.	3.6	13
78	Mechanical Ventilation Impairs IL-17 Cytokine Family Expression in Ventilator-Associated Pneumonia. International Journal of Molecular Sciences, 2019, 20, 5072.	4.1	12
79	Detection of numerical chromosomal aberrations in paraffin-embedded malignant pleural mesothelioma by non-isotopicin situ hybridization. Journal of Pathology, 1995, 175, 219-226.	4.5	11
80	Hypersynchronicity in the default mode-like network in a neurodevelopmental animal model with relevance for schizophrenia. Behavioural Brain Research, 2019, 364, 303-316.	2.2	11
81	Host Immunity Influences the Composition of Murine Gut Microbiota. Frontiers in Immunology, 2022, 13, 828016.	4.8	11
82	Blood Cytokine Analysis Suggests That SARS-CoV-2 Infection Results in a Sustained Tumour Promoting Environment in Cancer Patients. Cancers, 2021, 13, 5718.	3.7	10
83	Characterization of Two New CTX-M-25-Group Extended-Spectrum Î²-Lactamase Variants Identified in Escherichia coli Isolates from Israel. PLoS ONE, 2012, 7, e46329.	2.5	8
84	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). PLoS ONE, 2020, 15, e0231555.	2.5	8
85	Proline-specific peptidase activities (DPP4, PRCP, FAP and PREP) in plasma of hospitalized COVID-19 patients. Clinica Chimica Acta, 2022, 531, 4-11.	1.1	8
86	A novel drug target in Alzheimer's disease. Lancet, The, 2004, 364, 1738-1739.	13.7	7
87	Genetics and pathology of alpha-secretase site AÎ²PP mutations in the understanding of Alzheimer's disease. Journal of Alzheimer's Disease, 2006, 9, 389-398.	2.6	6
88	WT1 MUTATION IN MALIGNANT MESOTHELIOMA AND WT1 IMMUNOREACTIVITY IN RELATION TO p53 AND GROWTH FACTOR RECEPTOR EXPRESSION, CELLâ€TYPE TRANSITION, AND PROGNOSIS. Journal of Pathology, 1997, 181, 67-74.	4.5	6
89	Mechanical Ventilation Induces Interleukin 4 Secretion in Lungs and Reduces the Phagocytic Capacity of Lung Macrophages. Journal of Infectious Diseases, 2018, 217, 1645-1655.	4.0	5
90	Evaluation and prognostic value of DNA content and of morphometric parameters in malignant mesothelioma using digital image analysis. Lung Cancer, 1996, 14, 229-237.	2.0	4

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91	Reduced brain volumes in mice expressing APP-Austrian mutation but not in mice expressing APP-Swedishâ€“Austrian mutations. Neuroscience Letters, 2008, 447, 143-147.	2.1	4
92	Serotonin Levels in the Serum of Persons with Onchocerciasis-Associated Epilepsy: A Case-Control Study. Pathogens, 2021, 10, 720.	2.8	3
93	Variant Alzheimer's disease with spastic paraparesis and cotton wool plaques is caused by PSâ€1 mutations that lead to exceptionally high amyloidâ€Î² concentrations. Annals of Neurology, 2000, 48, 806-808.	5.3	3
94	Fractal Analysis in Neurodegenerative Diseases. Springer Series in Computational Neuroscience, 2016, , 233-249.	0.3	3
95	Molecular Pathogenesis of Frontotemporal Lobar Degeneration. Archives of Neurology, 2008, 65, 700-4.	4.5	2
96	Neuropathological Changes in Nakalanga Syndromeâ€”A Case Report. Pathogens, 2021, 10, 116.	2.8	2
97	Cytokines and Onchocerciasis-Associated Epilepsy, a Pilot Study and Review of the Literature. Pathogens, 2021, 10, 310.	2.8	2
98	Evaluation of GeneXpert PA assay compared to genomic and (semi-)quantitative culture methods for direct detection of Pseudomonas aeruginosa in endotracheal aspirates. Antimicrobial Resistance and Infection Control, 2021, 10, 110.	4.1	2
99	Syndecanâ€1 expression in malignant mesothelioma: correlation with cell differentiation, WT1 expression, and clinical outcome. Journal of Pathology, 1998, 186, 300-305.	4.5	2
100	Activation of the Carboxypeptidase U (CPU, TAFIa, CPB2) System in Patients with SARS-CoV-2 Infection Could Contribute to COVID-19 Hypofibrinolytic State and Disease Severity Prognosis. Journal of Clinical Medicine, 2022, 11, 1494.	2.4	2
101	Methods to Investigate the Molecular Basis of Progranulin Actions on Brain and Behavior In Vivo Using Knockout Mice. Methods in Molecular Biology, 2018, 1806, 233-253.	0.9	1
102	Angiogenic cytokines in mesothelioma: a study of VEGF, FGF-1 and -2, and TGF Î² expression. , 1999, 189, 72.		1
103	Pathological Validation of Animal Models of Dementia. Neuromethods, 2011, , 99-141.	0.3	1
104	Identification of Potential Urinary Metabolite Biomarkers of Pseudomonas aeruginosa Ventilator-Associated Pneumonia. Biomarker Insights, 2022, 17, 117727192210991.	2.5	1
105	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). , 2020, 15, e0231555.		0
106	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). , 2020, 15, e0231555.		0
107	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). , 2020, 15, e0231555.		0
108	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). , 2020, 15, e0231555.		0