

Samir Kumar-Singh

List of Publications by Year in descending order

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108
papers

9,472
citations

57631

44
h-index

42291

92
g-index

125
all docs

125
docs citations

125
times ranked

11066
citing authors

#	ARTICLE	IF	CITATIONS
1	Null mutations in progranulin cause ubiquitin-positive frontotemporal dementia linked to chromosome 17q21. <i>Nature</i> , 2006, 442, 920-924.	13.7	1,386
2	Nomenclature and nosology for neuropathologic subtypes of frontotemporal lobar degeneration: an update. <i>Acta Neuropathologica</i> , 2010, 119, 1-4.	3.9	854
3	Identification of a novel plasmid-mediated colistin-resistance gene, <i>mcr-2</i> , in <i>Escherichia coli</i> , Belgium, June 2016. <i>Eurosurveillance</i> , 2016, 21, .	3.9	648
4	TDP-43 transgenic mice develop spastic paralysis and neuronal inclusions characteristic of ALS and frontotemporal lobar degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3858-3863.	3.3	491
5	Common variants at 7p21 are associated with frontotemporal lobar degeneration with TDP-43 inclusions. <i>Nature Genetics</i> , 2010, 42, 234-239.	9.4	479
6	Nomenclature for neuropathologic subtypes of frontotemporal lobar degeneration: consensus recommendations. <i>Acta Neuropathologica</i> , 2009, 117, 15-18.	3.9	377
7	Mean age-of-onset of familial alzheimer disease caused by presenilin mutations correlates with both increased A β 42 and decreased A β 40. <i>Human Mutation</i> , 2006, 27, 686-695.	1.1	306
8	FUS pathology defines the majority of tau- and TDP-43-negative frontotemporal lobar degeneration. <i>Acta Neuropathologica</i> , 2010, 120, 33-41.	3.9	222
9	A novel presenilin 1 mutation associated with Pick's disease but not γ -amyloid plaques. <i>Annals of Neurology</i> , 2004, 55, 617-626.	2.8	210
10	In vivo and In vitro Interactions between <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus</i> spp.. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 106.	1.8	193
11	Pathogenic APP mutations near the gamma-secretase cleavage site differentially affect Abeta secretion and APP C-terminal fragment stability. <i>Human Molecular Genetics</i> , 2001, 10, 1665-1671.	1.4	178
12	Angiogenic cytokines in mesothelioma: a study of VEGF, FGF-1 and -2, and TGF β expression. , 1999, 189, 72-78.		176
13	Dense-Core Plaques in Tg2576 and PSAPP Mouse Models of Alzheimer's Disease Are Centered on Vessel Walls. <i>American Journal of Pathology</i> , 2005, 167, 527-543.	1.9	168
14	Alzheimer and Parkinson Diagnoses in Progranulin Null Mutation Carriers in an Extended Founder Family. <i>Archives of Neurology</i> , 2007, 64, 1436.	4.9	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- β concentrations. <i>Annals of Neurology</i> , 2000, 48, 806-808.	2.8	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. <i>Human Molecular Genetics</i> , 2000, 9, 2589-2598.	1.4	135
17	The risk for behavioural deficits is determined by the maternal immune response to prenatal immune challenge in a neurodevelopmental model. <i>Brain, Behavior, and Immunity</i> , 2014, 42, 138-146.	2.0	114
18	WT1 MUTATION IN MALIGNANT MESOTHELIOMA AND WT1 IMMUNOREACTIVITY IN RELATION TO p53 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. <i>Journal of Histochemistry and Cytochemistry</i> , 2009, 57, 567-575.	1.3	112
20	Dense-Core Senile Plaques in the Flemish Variant of Alzheimer's Disease Are Vasocentric. <i>American Journal of Pathology</i> , 2002, 161, 507-520.	1.9	108
21	Cellular ageing, increased mortality and FTLD-associated neuropathology in progranulin knockout mice. <i>Journal of Pathology</i> , 2012, 228, 67-76.	2.1	102
22	Proposal for assignment of allele numbers for mobile colistin resistance (mcr) genes. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 2625-2630.	1.3	101
23	Behavioral Disturbances without Amyloid Deposits in Mice Overexpressing Human Amyloid Precursor Protein with Flemish (A692G) or Dutch (E693Q) Mutation. <i>Neurobiology of Disease</i> , 2000, 7, 9-22.	2.1	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. <i>Journal of Clinical Microbiology</i> , 2016, 54, 851-859.	1.8	94
26	Hypolocomotive behaviour associated with increased microglia in a prenatal immune activation model with relevance to schizophrenia. <i>Behavioural Brain Research</i> , 2014, 258, 179-186.	1.2	93
27	Clinical heterogeneity in 3 unrelated families linked to <i>VCP</i> p.Arg159His. <i>Neurology</i> , 2009, 73, 626-632.	1.5	84
28	Overexpression of ALS-Associated p.M337V Human TDP-43 in Mice Worsens Disease Features Compared to Wild-type Human TDP-43 Mice. <i>Molecular Neurobiology</i> , 2013, 48, 22-35.	1.9	83
29	Cerebral amyloid angiopathy: pathogenetic mechanisms and link to dense amyloid plaques. <i>Genes, Brain and Behavior</i> , 2008, 7, 67-82.	1.1	78
30	EVALUATION OF TUMOUR ANGIOGENESIS AS A PROGNOSTIC MARKER IN MALIGNANT MESOTHELIOMA. , 1997, 182, 211-216.		76
31	Progranulin expression correlates with dense-core amyloid plaque burden in Alzheimer disease mouse models. <i>Journal of Pathology</i> , 2009, 219, 173-181.	2.1	75
32	Cerebral amyloid angiopathy is a pathogenic lesion in Alzheimer's disease due to a novel presenilin 1 mutation. <i>Brain</i> , 2001, 124, 2383-2392.	3.7	70
33	Tetraspanin 6: a pivotal protein of the multiple vesicular body determining exosome release and lysosomal degradation of amyloid precursor protein fragments. <i>Molecular Neurodegeneration</i> , 2017, 12, 25.	4.4	70
34	Brain inflammation in a chronic epilepsy model: Evolving pattern of the translocator protein during epileptogenesis. <i>Neurobiology of Disease</i> , 2015, 82, 526-539.	2.1	69
35	Frontotemporal Lobar Degeneration: Current Concepts in the Light of Recent Advances. <i>Brain Pathology</i> , 2007, 17, 104-114.	2.1	66
36	Current Insights into Molecular Mechanisms of Alzheimer Disease and Their Implications for Therapeutic Approaches. <i>Neurodegenerative Diseases</i> , 2007, 4, 349-365.	0.8	64

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37	Alzheimer dementia caused by a novel mutation located in the APP C-terminal intracytosolic fragment. <i>Human Mutation</i> , 2006, 27, 888-896.	1.1	62
38	Progranulin Mutations in Ubiquitin-Positive Frontotemporal Dementia Linked to Chromosome 17q21. <i>Current Alzheimer Research</i> , 2006, 3, 485-491.	0.7	60
39	Increased caspase activation and decreased TDP β 43 solubility in progranulin knockout cortical cultures. <i>Journal of Neurochemistry</i> , 2010, 115, 735-747.	2.1	57
40	P2X7 receptor antagonism reduces the severity of spontaneous seizures in a chronic model of temporal lobe epilepsy. <i>Neuropharmacology</i> , 2016, 105, 175-185.	2.0	57
41	A novel locus for dementia with Lewy bodies: a clinically and genetically heterogeneous disorder. <i>Brain</i> , 2007, 130, 2277-2291.	3.7	56
42	Tau is central in the genetic Alzheimer β frontotemporal dementia spectrum. <i>Trends in Genetics</i> , 2005, 21, 664-672.	2.9	55
43	Intraneuronal amyloid β^2 and reduced brain volume in a novel APP T714I mouse model for Alzheimer's disease. <i>Neurobiology of Aging</i> , 2008, 29, 241-252.	1.5	52
44	Presentation of amyloidosis in carriers of the codon 692 mutation in the amyloid precursor protein gene (APP692). <i>Brain</i> , 2000, 123, 2130-2140.	3.7	51
45	Progranulin and TDP-43: Mechanistic Links and Future Directions. <i>Journal of Molecular Neuroscience</i> , 2011, 45, 561-573.	1.1	51
46	The endotracheal tube microbiome associated with <i>Pseudomonas aeruginosa</i> or <i>Staphylococcus epidermidis</i> . <i>Scientific Reports</i> , 2016, 6, 36507.	1.6	51
47	Rapid evolution and host immunity drive the rise and fall of carbapenem resistance during an acute <i>Pseudomonas aeruginosa</i> infection. <i>Nature Communications</i> , 2021, 12, 2460.	5.8	47
48	Identification of 2 Loci at Chromosomes 9 and 14 in a Multiplex Family With Frontotemporal Lobar Degeneration and Amyotrophic Lateral Sclerosis. <i>Archives of Neurology</i> , 2010, 67, 606-16.	4.9	47
49	CD8 signaling in microglia/macrophage M1 polarization in a rat model of cerebral ischemia. <i>PLoS ONE</i> , 2018, 13, e0186937.	1.1	47
50	Characterization of Ubiquitinated Intraneuronal Inclusions in a Novel Belgian Frontotemporal Lobar Degeneration Family. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006, 65, 289-301.	0.9	45
51	In Vitro Studies of Flemish, Dutch, and Wild-Type β^2 -Amyloid Provide Evidence for Two-Staged Neurotoxicity. <i>Neurobiology of Disease</i> , 2002, 11, 330-340.	2.1	44
52	Neuroinflammation and Not Tauopathy Is a Predominant Pathological Signature of Nodding Syndrome. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 1049-1058.	0.9	44
53	Comparison of Biofilm Formation between Major Clonal Lineages of Methicillin Resistant <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , 2014, 9, e104561.	1.1	43
54	Frameshift proteins in autosomal dominant forms of Alzheimer disease and other tauopathies. <i>Neurology</i> , 2006, 66, S86-S92.	1.5	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 with ¹⁸ F-FDG PET. Journal of Nuclear Medicine, 2017, 58, 665-670.	2.8	38
57	Hereditary cerebral hemorrhage with amyloidosis dutch type (A β PP 693): decreased plasma amyloid- β 42 concentration. Neurobiology of Disease, 2003, 14, 619-623.	2.1	37
58	Inhibition of Aquaporin 4 Decreases Amyloid A β 40 Drainage Around Cerebral Vessels. Molecular Neurobiology, 2020, 57, 4720-4734.	1.9	32
59	Hereditary and Sporadic Forms of A β -Cerebrovascular Amyloidosis and Relevant Transgenic Mouse Models. International Journal of Molecular Sciences, 2009, 10, 1872-1895.	1.8	31
60	BacPipe: A Rapid, User-Friendly Whole-Genome Sequencing Pipeline for Clinical Diagnostic Bacteriology. IScience, 2020, 23, 100769.	1.9	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.	1.5	30
62	Animal models of hospital-acquired pneumonia: current practices and future perspectives. Annals of Translational Medicine, 2017, 5, 132-132.	0.7	29
63	Pathology of early-onset Alzheimer's disease cases bearing the Thr113-114ins presenilin-1 mutation. Brain, 2000, 123, 2467-2474.	3.7	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.	1.5	25
65	A dynamic mucin mRNA signature associates with COVID-19 disease presentation and severity. JCI Insight, 2021, 6, .	2.3	23
66	Susceptibility profiles and resistance genomics of <i>Pseudomonas aeruginosa</i> isolates from European ICUs participating in the ASPIRE-ICU trial. Journal of Antimicrobial Chemotherapy, 2022, 77, 1862-1872.	1.3	23
67	Frontotemporal Lobar Degeneration with Ubiquitin-Positive Inclusions: A Molecular Genetic Update. Neurodegenerative Diseases, 2007, 4, 227-235.	0.8	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.	1.4	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.	1.8	19
70	Transforming growth factor- β , basement membrane components and heparan sulphate proteoglycans in experimental hepatic schistosomiasis mansoni. Cell and Tissue Research, 1998, 292, 101-106.	1.5	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.	1.2	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.	1.8	17

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73	No Evidence for the Involvement of Leiomodin-1 Antibodies in the Pathogenesis of Onchocerciasis-Associated Epilepsy. <i>Pathogens</i> , 2021, 10, 845.	1.2	16
74	Comparison of Diagnostic Tests for <i>Onchocerca volvulus</i> in the Democratic Republic of Congo. <i>Pathogens</i> , 2020, 9, 435.	1.2	15
75	Fractal analysis of amyloid plaques in Alzheimer's disease patients and mouse models. <i>Neurobiology of Aging</i> , 2011, 32, 1579-1587.	1.5	14
76	Immunoglobulin 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. <i>European Journal of Cancer</i> , 2021, 148, 328-339.	1.3	14
77	Evaluation of the Kinetics of Antibody Response to COVID-19 Vaccine in Solid Organ Transplant Recipients: The Prospective Multicenter ORCHESTRA Cohort. <i>Microorganisms</i> , 2022, 10, 1021.	1.6	13
78	Mechanical Ventilation Impairs IL-17 Cytokine Family Expression in Ventilator-Associated Pneumonia. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5072.	1.8	12
79	Detection of numerical chromosomal aberrations in paraffin-embedded malignant pleural mesothelioma by non-isotopic in situ hybridization. <i>Journal of Pathology</i> , 1995, 175, 219-226.	2.1	11
80	Hypersynchronicity in the default mode-like network in a neurodevelopmental animal model with relevance for schizophrenia. <i>Behavioural Brain Research</i> , 2019, 364, 303-316.	1.2	11
81	Host Immunity Influences the Composition of Murine Gut Microbiota. <i>Frontiers in Immunology</i> , 2022, 13, 828016.	2.2	11
82	Blood Cytokine Analysis Suggests That SARS-CoV-2 Infection Results in a Sustained Tumour Promoting Environment in Cancer Patients. <i>Cancers</i> , 2021, 13, 5718.	1.7	10
83	Characterization of Two New CTX-M-25-Group Extended-Spectrum β -Lactamase Variants Identified in <i>Escherichia coli</i> Isolates from Israel. <i>PLoS ONE</i> , 2012, 7, e46329.	1.1	8
84	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). <i>PLoS ONE</i> , 2020, 15, e0231555.	1.1	8
85	Proline-specific peptidase activities (DPP4, PRCP, FAP and PREP) in plasma of hospitalized COVID-19 patients. <i>Clinica Chimica Acta</i> , 2022, 531, 4-11.	0.5	8
86	A novel drug target in Alzheimer's disease. <i>Lancet, The</i> , 2004, 364, 1738-1739.	6.3	7
87	Genetics and pathology of alpha-secretase site A β 2PP mutations in the understanding of Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2006, 9, 389-398.	1.2	6
88	WT1 MUTATION IN MALIGNANT MESOTHELIOMA AND WT1 IMMUNOREACTIVITY IN RELATION TO p53 AND GROWTH FACTOR RECEPTOR EXPRESSION, CELL TYPE TRANSITION, AND PROGNOSIS. <i>Journal of Pathology</i> , 1997, 181, 67-74.	2.1	6
89	Mechanical Ventilation Induces Interleukin 4 Secretion in Lungs and Reduces the Phagocytic Capacity of Lung Macrophages. <i>Journal of Infectious Diseases</i> , 2018, 217, 1645-1655.	1.9	5
90	Evaluation and prognostic value of DNA content and of morphometric parameters in malignant mesothelioma using digital image analysis. <i>Lung Cancer</i> , 1996, 14, 229-237.	0.9	4

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91	Reduced brain volumes in mice expressing APP-Austrian mutation but not in mice expressing APP-Swedishâ€“Austrian mutations. <i>Neuroscience Letters</i> , 2008, 447, 143-147.	1.0	4
92	Serotonin Levels in the Serum of Persons with Onchocerciasis-Associated Epilepsy: A Case-Control Study. <i>Pathogens</i> , 2021, 10, 720.	1.2	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€“ β concentrations. <i>Annals of Neurology</i> , 2000, 48, 806-808.	2.8	3
94	Fractal Analysis in Neurodegenerative Diseases. <i>Springer Series in Computational Neuroscience</i> , 2016, , 233-249.	0.3	3
95	Molecular Pathogenesis of Frontotemporal Lobar Degeneration. <i>Archives of Neurology</i> , 2008, 65, 700-4.	4.9	2
96	Neuropathological Changes in Nakalanga Syndromeâ€“A Case Report. <i>Pathogens</i> , 2021, 10, 116.	1.2	2
97	Cytokines and Onchocerciasis-Associated Epilepsy, a Pilot Study and Review of the Literature. <i>Pathogens</i> , 2021, 10, 310.	1.2	2
98	Evaluation of GeneXpert PA assay compared to genomic and (semi-)quantitative culture methods for direct detection of <i>Pseudomonas aeruginosa</i> in endotracheal aspirates. <i>Antimicrobial Resistance and Infection Control</i> , 2021, 10, 110.	1.5	2
99	Syndecan-1 expression in malignant mesothelioma: correlation with cell differentiation, WT1 expression, and clinical outcome. , 1998, 186, 300.		2
100	Activation of the Carboxypeptidase U (CPU, TAF1a, CPB2) System in Patients with SARS-CoV-2 Infection Could Contribute to COVID-19 Hypofibrinolytic State and Disease Severity Prognosis. <i>Journal of Clinical Medicine</i> , 2022, 11, 1494.	1.0	2
101	Methods to Investigate the Molecular Basis of Progranulin Actions on Brain and Behavior In Vivo Using Knockout Mice. <i>Methods in Molecular Biology</i> , 2018, 1806, 233-253.	0.4	1
102	Angiogenic cytokines in mesothelioma: a study of VEGF, FGF-1 and -2, and TGF β 2 expression. , 1999, 189, 72.		1
103	Pathological Validation of Animal Models of Dementia. <i>Neuromethods</i> , 2011, , 99-141.	0.2	1
104	Identification of Potential Urinary Metabolite Biomarkers of <i>Pseudomonas aeruginosa</i> Ventilator-Associated Pneumonia. <i>Biomarker Insights</i> , 2022, 17, 117727192210991.	1.0	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