Kyra J Becker

List of Publications by Year
in descending order

132 papers	20,863 citations	36271 51 h-index	15716 125 g-index
132 all docs	132 docs citations	132 times ranked	19216 citing authors

#	Article	IF	Citations
1	2018 Guidelines for the Early Management of Patients With Acute Ischemic Stroke: A Guideline for Healthcare Professionals From the American Heart Association/American Stroke Association. Stroke, 2018, 49, e46-e110.	1.0	3,971
2	Guidelines for the Early Management of Patients With Acute Ischemic Stroke: 2019 Update to the 2018 Guidelines for the Early Management of Acute Ischemic Stroke: A Guideline for Healthcare Professionals From the American Heart Association/American Stroke Association. Stroke, 2019, 50, e344-e418.	1.0	3,733
3	Guidelines for the Management of Spontaneous Intracerebral Hemorrhage. Stroke, 2015, 46, 2032-2060.	1.0	2,799
4	Guidelines for the Management of Spontaneous Intracerebral Hemorrhage. Stroke, 2010, 41, 2108-2129.	1.0	1,374
5	Efficacy and safety of minimally invasive surgery with thrombolysis in intracerebral haemorrhage evacuation (MISTIE III): a randomised, controlled, open-label, blinded endpoint phase 3 trial. Lancet, The, 2019, 393, 1021-1032.	6.3	534
6	Preconditioning and tolerance against cerebral ischaemia: from experimental strategies to clinical use. Lancet Neurology, The, 2009, 8, 398-412.	4.9	527
7	Primary Prevention of Ischemic Stroke. Stroke, 2001, 32, 280-299.	1.0	512
8	Withdrawal of support in intracerebral hemorrhage may lead to self-fulfilling prophecies. Neurology, 2001, 56, 766-772.	1.5	512
9	Primary Prevention of Ischemic Stroke. Circulation, 2001, 103, 163-182.	1.6	340
10	Moyamoya disease in Washington State and California. Neurology, 2005, 65, 956-958.	1.5	324
11	Treatment of Hyperglycemia In Ischemic Stroke (THIS). Stroke, 2008, 39, 384-389.	1.0	232
12	Extravasation of Radiographic Contrast Is an Independent Predictor of Death in Primary Intracerebral Hemorrhage. Stroke, 1999, 30, 2025-2032.	1.0	196
13	Safety and efficacy of natalizumab in patients with acute ischaemic stroke (ACTION): a randomised, placebo-controlled, double-blind phase 2 trial. Lancet Neurology, The, 2017, 16, 217-226.	4.9	176
14	Multicontrast High-Resolution Vessel Wall Magnetic Resonance Imaging and Its Value in Differentiating Intracranial Vasculopathic Processes. Stroke, 2015, 46, 1567-1573.	1.0	173
15	Antibody to the Î±4 Integrin Decreases Infarct Size in Transient Focal Cerebral Ischemia in Rats. Stroke, 2001, 32, 206-211.	1.0	158
16	Deferoxamine mesylate in patients with intracerebral haemorrhage (i-DEF): a multicentre, randomised, placebo-controlled, double-blind phase 2 trial. Lancet Neurology, The, 2019, 18, 428-438.	4.9	154
17	Immunologic tolerance to myelin basic protein decreases stroke size after transient focal cerebral ischemia. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 10873-10878.	3.3	152
18	Poststroke Fatigue: Emerging Evidence and Approaches to Management: A Scientific Statement for Healthcare Professionals From the American Heart Association. Stroke, 2017, 48, e159-e170.	1.0	148

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19	Brief Psychosocialâ€“Behavioral Intervention With Antidepressant Reduces Poststroke Depression Significantly More Than Usual Care With Antidepressant. Stroke, 2009, 40, 3073-3078.	1.0	147
20	Intracerebroventricular infusion of interleukin 1 rapidly decreases peripheral cellular immune responses.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 6398-6402.	3.3	143
21	Community-Based Education Improves Stroke Knowledge. Cerebrovascular Diseases, 2001, 11, 34-43.	0.8	139
22	Results of the ICTuS 2 Trial (Intravascular Cooling in the Treatment of Stroke 2). Stroke, 2016, 47, 2888-2895.	1.0	131
23	Standardizing the Structure of Stroke Clinical and Epidemiologic Research Data. Stroke, 2012, 43, 967-973.	1.0	130
24	Inflammation After Stroke. Archives of Neurology, 2001, 58, 669-72.	4.9	124
25	Anti-leukocyte Antibodies: LeukArrest (Hu23F2G) and Enlimomab (R6.5) in Acute Stroke. Current Medical Research and Opinion, 2002, 18, s18-s22.	0.9	115
26	Sensitization to Brain Antigens after Stroke is Augmented by Lipopolysaccharide. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, 1634-1644.	2.4	113
27	Approval of the MERCI Clot Retriever. Stroke, 2005, 36, 400-403.	1.0	113
28	Full medical support for intracerebral hemorrhage. Neurology, 2015, 84, 1739-1744.	1.5	108
29	Translational Stroke Research. Stroke, 2017, 48, 2632-2637.	1.0	108
30	Inflammation and acute stroke. Current Opinion in Neurology, 1998, 11, 45-49.	1.8	106
31	Do-not-attempt-resuscitation orders and prognostic models for intraparenchymal hemorrhage*. Critical Care Medicine, 2011, 39, 158-162.	0.4	102
32	Autoimmune Responses to the Brain After Stroke Are Associated With Worse Outcome. Stroke, 2011, 42, 2763-2769.	1.0	102
33	Prognostic value of blood interleukin-6 in the prediction of functional outcome after stroke: A systematic review and meta-analysis. Journal of Neuroimmunology, 2014, 274, 215-224.	1.1	100
34	Association of Serotonin Transporter Gene Polymorphisms With Poststroke Depression. Archives of General Psychiatry, 2008, 65, 1296.	13.8	98
35	Shortening the NIH Stroke Scale for Use in the Prehospital Setting. Stroke, 2002, 33, 2801-2806.	1.0	93
36	Surgical Performance Determines Functional Outcome Benefit in the Minimally Invasive Surgery Plus Recombinant Tissue Plasminogen Activator for Intracerebral Hemorrhage Evacuation (MISTIE) Procedure. Neurosurgery, 2019, 84, 1157-1168.	0.6	93

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37	Induction of Immunologic Tolerance to Myelin Basic Protein Prevents Central Nervous System Autoimmunity and Improves Outcome After Stroke. Stroke, 2008, 39, 1575-1582.	1.0	92
38	Palliative Care Needs in the Neuro-ICU. Critical Care Medicine, 2015, 43, 1677-1684.	0.4	88
39	Adoptive Transfer of Myelin Basic Proteinâ€"Tolerized Splenocytes to Naive Animals Reduces Infarct Size. Stroke, 2003, 34, 1809-1815.	1.0	86
40	Prior Antiplatelet Therapy, Platelet Infusion Therapy, and Outcome after Intracerebral Hemorrhage. Journal of Stroke and Cerebrovascular Diseases, 2009, 18, 221-228.	0.7	86
41	Mucosal tolerance to E-selectin provides cell-mediated protection against ischemic brain injury. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 15107-15112.	3.3	85
42	Added Value of Vessel Wall Magnetic Resonance Imaging in the Differentiation of Moyamoya Vasculopathies in a Non-Asian Cohort. Stroke, 2016, 47, 1782-1788.	1.0	85
43	Added Value of Vessel Wall Magnetic Resonance Imaging for Differentiation of Nonocclusive Intracranial Vasculopathies. Stroke, 2017, 48, 3026-3033.	1.0	83
44	Induction of Mucosal Tolerance to E-Selectin Prevents Ischemic and Hemorrhagic Stroke in Spontaneously Hypertensive Genetically Stroke-Prone Rats. Stroke, 2002, 33, 2156-2164.	1.0	82
45	Lymphocytes. Stroke, 2007, 38, 783-788.	1.0	78
46	Postinfectious vasculopathy with evolution to moyamoya syndrome. Journal of Neurology, Neurosurgery and Psychiatry, 2005, 76, 256-259.	0.9	75
47	Immunology of ischemic vascular disease: plaque to attack. Trends in Immunology, 2005, 26, 550-556.	2.9	71
48	Targeting the central nervous system inflammatory response in ischemic stroke. Current Opinion in Neurology, 2001, 14, 349-353.	1.8	64
49	Severe Stroke Induces Long-Lasting Alterations of High-Mobility Group Box 1. Stroke, 2013, 44, 246-248.	1.0	64
50	Acute Kidney Injury Is Associated with Increased Hospital Mortality after Stroke. Journal of Stroke and Cerebrovascular Diseases, 2014, 23, 25-30.	0.7	60
51	Immunological consequences of ischemic stroke. Acta Neurologica Scandinavica, 2014, 129, 1-12.	1.0	59
52	Natalizumab in acute ischemic stroke (ACTION II). Neurology, 2020, 95, e1091-e1104.	1.5	55
53	Postictal neurogenic stunned myocardium. Neurology, 2005, 64, 1977-1978.	1.5	48
54	Sensitization and tolerization to brain antigens in stroke. Neuroscience, 2009, 158, 1090-1097.	1.1	48

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55	Higher Plasma Fractalkine Is Associated With Better 6-Month Outcome From Ischemic Stroke. Stroke, 2012, 43, 2300-2306.	1.0	47
56	Epidemiology and Clinical Presentation of Aneurysmal Subarachnoid Hemorrhage. Neurosurgery Clinics of North America, 1998, 9, 435-444.	0.8	46
57	Strain-Related Differences in the Immune Response: Relevance to Human Stroke. Translational Stroke Research, 2016, 7, 303-312.	2.3	45
58	CNS Immune Responses Following Experimental Stroke. Neurocritical Care, 2010, 12, 274-284.	1.2	43
59	Response to Psychosocial Treatment in Poststroke Depression Is Associated With Serotonin Transporter Polymorphisms. Stroke, 2011, 42, 2068-2070.	1.0	42
60	Antibodies to myelin basic protein are associated with cognitive decline after stroke. Journal of Neuroimmunology, 2016, 295-296, 9-11.	1.1	42
61	Seizures after decompressive hemicraniectomy for ischaemic stroke. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 721-725.	0.9	41
62	Poststroke Fatigue: Hints to a Biological Mechanism. Journal of Stroke and Cerebrovascular Diseases, 2015, 24, 618-621.	0.7	41
63	Long term immunologic consequences of experimental stroke and mucosal tolerance. Experimental & Translational Stroke Medicine, 2009, 1, 3.	3.2	40
64	Vertebrobasilar thrombosis. Critical Care Medicine, 1996, 24, 1729-1742.	0.4	39
65	Post-Stroke Infection: A Role for IL-1ra?. Neurocritical Care, 2011, 14, 244-252.	1.2	38
66	Inflammation and the Silent Sequelae of Stroke. Neurotherapeutics, 2016, 13, 801-810.	2.1	37
67	Modulation of the Postischemic Immune Response to Improve Stroke Outcome. Stroke, 2010, 41, S75-8.	1.0	36
68	Effects of the AMPA Receptor Antagonist NBQX on Outcome of Newborn Pigs after Asphyxic Cardiac Arrest. Journal of Cerebral Blood Flow and Metabolism, 1999, 19, 927-938.	2.4	34
69	Myocardial infarction following brief convulsive seizures. Neurology, 2004, 63, 2453-2454.	1.5	34
70	Impact of SAMMPRIS on the future of intracranial atherosclerotic disease management: polling results from the ICAD symposium at the International Stroke Conference. Journal of NeuroInterventional Surgery, 2014, 6, 225-230.	2.0	30
71	Cortisol is More Important than Metanephrines in Driving Changes in Leukocyte Counts after Stroke. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 555-562.	0.7	30
72	Endovascular Treatment of Acute Ischemic Stroke Under General Anesthesia: Predictors of Good Outcome. Journal of Neurosurgical Anesthesiology, 2018, 30, 223-230.	0.6	30

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73	Ischemic Stroke During Sexual Intercourse. Archives of Neurology, 2004, 61, 1114-6.	4.9	29
74	Living Well with Stroke: Design and Methods for a Randomized Controlled Trial of a Psychosocial Behavioral Intervention for Poststroke Depression. Journal of Stroke and Cerebrovascular Diseases, 2008, 17, 109-115.	0.7	29
75	Effect of Continuous Positive Airway Pressure on Stroke Rehabilitation: A Pilot Randomized Sham-Controlled Trial. Journal of Clinical Sleep Medicine, 2016, 12, 1019-1026.	1.4	28
76	Randomized trial of telephone versus in-person delivery of a brief psychosocial intervention in post-stroke depression. BMC Research Notes, 2017, 10, 500.	0.6	27
77	Comparing Perceived Burden for Korean and American Informal Caregivers of Stroke Survivors. Rehabilitation Nursing, 2009, 34, 141-150.	0.3	26
78	Activation of immune responses to brain antigens after stroke. Journal of Neurochemistry, 2012, 123, 148-155.	2.1	25
79	Autoimmune Responses to Brain Following Stroke. Translational Stroke Research, 2012, 3, 310-317.	2.3	25
80	Patent Foramen Ovale and Recurrent Stroke: Closure Is the Best Option: No. Stroke, 2004, 35, 804-805.	1.0	24
81	Stroke, IL-1ra, IL1RN, Infection and Outcome. Neurocritical Care, 2014, 21, 140-146.	1.2	24
82	Î±-MSH: A Potential Neuroprotective and Immunomodulatory Agent for the Treatment of Stroke. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 606-613.	2.4	22
83	Nonstenotic Culprit Plaque: The Utility of High-Resolution Vessel Wall MRI of Intracranial Vessels after Ischemic Stroke. Case Reports in Radiology, 2015, 2015, 1-4.	0.5	22
84	Plasma Î±-Melanocyte Stimulating Hormone Predicts Outcome in Ischemic Stroke. Stroke, 2011, 42, 3415-3420.	1.0	21
85	Early Statin Use is Associated with Increased Risk of Infection After Stroke. Journal of Stroke and Cerebrovascular Diseases, 2013, 22, 66-71.	0.7	21
86	The immunologic profile of adoptively transferred lymphocytes influences stroke outcome of recipients. Journal of Neuroimmunology, 2013, 263, 28-34.	1.1	21
87	Peroxiredoxin 5 (PRX5) Is Correlated Inversely to Systemic Markers of Inflammation in Acute Stroke. Stroke, 2014, 45, 608-610.	1.0	21
88	Splenectomy Does Not Improve Long-Term Outcome After Stroke. Stroke, 2017, 48, 497-500.	1.0	21
89	Advances in Stroke 2017. Stroke, 2018, 49, e174-e199.	1.0	21
90	INTENSIVE CARE UNIT MANAGEMENT OF THE STROKE PATIENT. Neurologic Clinics, 2000, 18, 439-454.	0.8	20

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91	Promiscuity of autoimmune responses to MBP after stroke. Journal of Neuroimmunology, 2015, 285, 101-105.	1.1	19
92	Stroke, Inflammation and the Immune Response: Dawn of a New Era. Neurotherapeutics, 2016, 13, 659-660.	2.1	19
93	Myelin basic protein autoantibodies, white matter disease and stroke outcome. Journal of Neuroimmunology, 2012, 252, 106-112.	1.1	18
94	Variation in Behavioral Deficits and Patterns of Recovery After Stroke Among Different Rat Strains. Translational Stroke Research, 2014, 5, 569-576.	2.3	18
95	Increased infections with Î²-blocker use in ischemic stroke, a Î²2-receptor mediated process?. Neurological Sciences, 2017, 38, 967-974.	0.9	17
96	Minority Patients are Less Likely to Undergo Withdrawal of Care After Spontaneous Intracerebral Hemorrhage. Neurocritical Care, 2018, 29, 419-425.	1.2	17
97	Stroke impact symptoms are associated with sleep-related impairment. Heart and Lung: Journal of Acute and Critical Care, 2020, 49, 117-122.	0.8	17
98	Cerebral Air Embolism Resulting in Fatal Stroke in an Airplane Passenger with a Pulmonary Bronchogenic Cyst. Neurocritical Care, 2009, 10, 218-221.	1.2	16
99	Anamnestic Recall of Stroke-Related Deficits. Stroke, 2010, 41, 2653-2660.	1.0	15
100	Functional polymorphisms in toll-like receptor 4 are associated with worse outcome in acute ischemic stroke patients. NeuroReport, 2014, 25, 580-584.	0.6	15
101	Strain Differences in Fatigue and Depression after Experimental Stroke. Translational Stroke Research, 2014, 5, 604-611.	2.3	15
102	The contribution of antibiotics, pneumonia and the immune response to stroke outcome. Journal of Neuroimmunology, 2016, 295-296, 68-74.	1.1	15
103	Immune Mediated Diseases and Immune Modulation in the Neurocritical Care Unit. Neurotherapeutics, 2012, 9, 99-123.	2.1	14
104	Effect of Antibiotic Class on Stroke Outcome. Stroke, 2015, 46, 2287-2292.	1.0	14
105	Impact of Age on Plasma Inflammatory Biomarkers in the 6 Months Following Mild Traumatic Brain Injury. Journal of Head Trauma Rehabilitation, 2020, 35, 324-331.	1.0	14
106	Intra-arterial urokinase for acute ischemic stroke. Neurology, 2001, 57, 1100-1103.	1.5	12
107	Labetalol Use Is Associated With Increased In-Hospital Infection Compared With Nicardipine Use in Intracerebral Hemorrhage. Stroke, 2017, 48, 2693-2698.	1.0	11
108	Role of Statins in the Treatment and Prevention of Stroke: Introduction. Stroke, 2004, 35, 2706-2707.	1.0	10

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109	HIV Viremia and Risk of Stroke Among People Living with HIV Who Are Using Antiretroviral Therapy. Epidemiology, 2021, 32, 457-464.	1.2	10
110	Association Between Bilirubin, Atazanavir, and Cardiovascular Disease Events Among People Living With HIV Across the United States. Journal of Acquired Immune Deficiency Syndromes (1999), 2019, 81, e141-e147.	0.9	9
111	Intraparenchymal Hemorrhage, Bleeding, Hemostasis, and the Utility of CT Angiography. International Journal of Stroke, 2008, 3, 11-13.	2.9	8
112	Impact of aging on the immune response to traumatic brain injury (AIm:TBI) study protocol. Injury Prevention, 2020, 26, 471-477.	1.2	6
113	Innate and adaptive immune responses in CNS disease. Clinical Neuroscience Research, 2006, 6, 227-236.	0.8	5
114	Self-efficacy is associated with better sleep quality and sleep efficiency in adults with subarachnoid hemorrhage. Journal of Clinical Neuroscience, 2020, 73, 173-178.	0.8	5
115	Ensuring Patient Safety in Clinical Trials for Treatment of Acute Stroke. JAMA - Journal of the American Medical Association, 2001, 286, 2718.	3.8	4
116	Endovascular treatment of acute stroke. Current Treatment Options in Neurology, 2007, 9, 463-469.	0.7	4
117	'Spotting' patients at the highest risk of hematoma growth. Nature Reviews Neurology, 2009, 5, 526-528.	4.9	4
118	Weekend Discharge and Stroke Quality of Care: Get With The Guidelines-Stroke Data from a Comprehensive Stroke Center. Journal of Stroke and Cerebrovascular Diseases, 2016, 25, 2962-2967.	0.7	4
119	HYPERTENSIVE ENCEPHALOPATHY, ECLAMPSIA, AND REVERSIBLE POSTERIOR LEUKOENCEPHALOPATHY. CONTINUUM Lifelong Learning in Neurology, 2006, 12, 30-45.	0.4	3
120	Platelet Dysfunction in Intraparenchymal Hemorrhage. Stroke, 2009, 40, e645; author reply e646.	1.0	3
121	Transcranial Doppler Ultrasound CO2 Challenge Complicated by Subarachnoid Hemorrhage in Patient with Moyamoya Syndrome. Neurocritical Care, 2010, 13, 243-246.	1.2	3
122	Brief Psychosocial Intervention to Address Poststroke Depression May Also Benefit Fatigue and Sleepâ€“Wake Disturbance. Rehabilitation Nursing, 2021, 46, 222-231.	0.3	3
123	Central Nervous System Vasculitis Following Pneumococcal Meningitis. Neurocritical Care, 2006, 5, 250-250.	1.2	2
124	Chemical Sympathectomy, but not Adrenergic Blockade, Improves Stroke Outcome. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 3177-3186.	0.7	2
125	Interventional Treatment of Acute Ischemic Stroke: Introduction. Stroke, 2013, 44, S2.	1.0	1
126	Transesophageal Echocardiography: Not for Everyone?. Stroke, 2007, 38, e78; author reply e79.	1.0	0

#	Article	IF	Citations
127	Response to Letter by Urra et al Regarding Article, â€œAutoimmune Responses to the Brain After Stroke Are Associated With Worse Outcomeâ€• Stroke, 2012, 43, .	1.0	0
128	Advances in Critical Care/Emergency Medicine 2013. Stroke, 2014, 45, 359-360.	1.0	0
129	Internal Jugular Microembolic Signal Detection in a Patient with Cerebral Sinus Thrombosis Complicated by Pulmonary Embolism. Journal for Vascular Ultrasound, 2017, 41, 74-75.	0.2	0
130	Modulation of the Post-Ischemic Immune Response Improves Outcome in Focal Cerebral Ischemia: A Role for Lymphocytes in Stroke?. , 2004, , 95-104.		0
131	Systemic administration of lipopolysaccharide during transient focal cerebral ischemia leads to chronic CNS inflammation. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S108-S108.	2.4	0
132	Tolerization to Brain and Vascular Antigens: Targeting Autoimmunity After Acute Brain Injuries and Preventing Stroke. , 2014, , 287-299.		0