

# Anthony E Kline

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67  
papers

2,525  
citations

32  
h-index

49  
g-index

70  
ext. papers

2,839  
ext. citations

4.7  
avg, IF

4.77  
L-index

#	Paper	IF	Citations
67	Traumatic injury compromises nucleocytoplasmic transport and leads to TDP-43 pathology. <i>ELife</i> , <b>2021</b> , 10,	8.9	6
66	Intranasally Administered L-Myc-Immortalized Human Neural Stem Cells Migrate to Primary and Distal Sites of Damage after Cortical Impact and Enhance Spatial Learning. <i>Stem Cells International</i> , <b>2021</b> , 2021, 5549381	5	2
65	Preclinical neurorehabilitation with environmental enrichment confers cognitive and histological benefits in a model of pediatric asphyxial cardiac arrest. <i>Experimental Neurology</i> , <b>2021</b> , 335, 113522	5.7	1
64	Early Life Stress Preceding Mild Pediatric Traumatic Brain Injury Increases Neuroinflammation but Does Not Exacerbate Impairment of Cognitive Flexibility during Adolescence. <i>Journal of Neurotrauma</i> , <b>2021</b> , 38, 411-421	5.4	5
63	Disruption of basal forebrain cholinergic neurons after traumatic brain injury does not compromise environmental enrichment-mediated cognitive benefits. <i>Brain Research</i> , <b>2021</b> , 1751, 147175	3.7	2
62	Chronic unpredictable stress during adolescence protects against adult traumatic brain injury-induced affective and cognitive deficits. <i>Brain Research</i> , <b>2021</b> , 1767, 147544	3.7	3
61	Early life stress increases vulnerability to the sequelae of pediatric mild traumatic brain injury. <i>Experimental Neurology</i> , <b>2020</b> , 329, 113318	5.7	6
60	Paths to Successful Translation of New Therapies for Severe Traumatic Brain Injury in the Golden Age of Traumatic Brain Injury Research: A Pittsburgh Vision. <i>Journal of Neurotrauma</i> , <b>2020</b> , 37, 2353-2374	5.4	15
59	Aripiprazole and environmental enrichment independently improve functional outcome after cortical impact injury in adult male rats, but their combination does not yield additional benefits. <i>Experimental Neurology</i> , <b>2019</b> , 314, 67-73	5.7	1
58	Environmental enrichment and amantadine confer individual but nonadditive enhancements in motor and spatial learning after controlled cortical impact injury. <i>Brain Research</i> , <b>2019</b> , 1714, 227-233	3.7	8
57	Delayed and Abbreviated Environmental Enrichment after Brain Trauma Promotes Motor and Cognitive Recovery That Is Not Contingent on Increased Neurogenesis. <i>Journal of Neurotrauma</i> , <b>2019</b> , 36, 756-767	5.4	10
56	Chronic treatment with galantamine rescues reversal learning in an attentional set-shifting test after experimental brain trauma. <i>Experimental Neurology</i> , <b>2019</b> , 315, 32-41	5.7	12
55	Dose-dependent neurorestorative effects of amantadine after cortical impact injury. <i>Neuroscience Letters</i> , <b>2019</b> , 694, 69-73	3.3	8
54	Intermittent Administration of Haloperidol after Cortical Impact Injury Neither Impedes Spontaneous Recovery Nor Attenuates the Efficacy of Environmental Enrichment. <i>Journal of Neurotrauma</i> , <b>2019</b> , 36, 1606-1614	5.4	0
53	Environmental enrichment, alone or in combination with various pharmacotherapies, confers marked benefits after traumatic brain injury. <i>Neuropharmacology</i> , <b>2019</b> , 145, 13-24	5.5	16
52	Systemic administration of donepezil attenuates the efficacy of environmental enrichment on neurobehavioral outcome after experimental traumatic brain injury. <i>Restorative Neurology and Neuroscience</i> , <b>2018</b> , 36, 45-57	2.8	5
51	Albeit nocturnal, rats subjected to traumatic brain injury do not differ in neurobehavioral performance whether tested during the day or night. <i>Neuroscience Letters</i> , <b>2018</b> , 665, 212-216	3.3	3

50	Intermittent treatment with haloperidol or quetiapine does not disrupt motor and cognitive recovery after experimental brain trauma. <i>Behavioural Brain Research</i> , <b>2018</b> , 340, 159-164	3-4	6
49	Elucidating opportunities and pitfalls in the treatment of experimental traumatic brain injury to optimize and facilitate clinical translation. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2018</b> , 85, 160-175	9	18
48	Preclinical Models of Traumatic Brain Injury: Emerging Role of Glutamate in the Pathophysiology of Depression. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 579	5-6	14
47	Spontaneous recovery after controlled cortical impact injury is not impeded by intermittent administration of the antipsychotic drug risperidone. <i>Neuroscience Letters</i> , <b>2018</b> , 682, 69-73	3-3	
46	Spontaneous recovery of traumatic brain injury-induced functional deficits is not hindered by daily administration of lorazepam. <i>Behavioural Brain Research</i> , <b>2018</b> , 339, 215-221	3-4	
45	Combining the Antipsychotic Drug Haloperidol and Environmental Enrichment after Traumatic Brain Injury Is a Double-Edged Sword. <i>Journal of Neurotrauma</i> , <b>2017</b> , 34, 451-458	5-4	22
44	The Therapeutic Efficacy of Environmental Enrichment and Methylphenidate Alone and in Combination after Controlled Cortical Impact Injury. <i>Journal of Neurotrauma</i> , <b>2017</b> , 34, 444-450	5-4	20
43	Refining environmental enrichment to advance rehabilitation based research after experimental traumatic brain injury. <i>Experimental Neurology</i> , <b>2017</b> , 294, 12-18	5-7	15
42	Comparable impediment of cognitive function in female and male rats subsequent to daily administration of haloperidol after traumatic brain injury. <i>Experimental Neurology</i> , <b>2017</b> , 296, 62-68	5-7	12
41	Rehabilitative Success After Brain Trauma by Augmenting a Subtherapeutic Dose of Environmental Enrichment With Galantamine. <i>Neurorehabilitation and Neural Repair</i> , <b>2017</b> , 31, 977-985	4-7	7
40	Galantamine and Environmental Enrichment Enhance Cognitive Recovery after Experimental Traumatic Brain Injury But Do Not Confer Additional Benefits When Combined. <i>Journal of Neurotrauma</i> , <b>2017</b> , 34, 1610-1622	5-4	16
39	5-hydroxytryptamine <sub>1A</sub> (5-HT <sub>1A</sub> ) receptor agonists: A decade of empirical evidence supports their use as an efficacious therapeutic strategy for brain trauma. <i>Brain Research</i> , <b>2016</b> , 1640, 5-14	3-7	24
38	Combination therapies for neurobehavioral and cognitive recovery after experimental traumatic brain injury: Is more better?. <i>Progress in Neurobiology</i> , <b>2016</b> , 142, 45-67	10-9	55
37	Abbreviated environmental enrichment confers neurobehavioral, cognitive, and histological benefits in brain-injured female rats. <i>Experimental Neurology</i> , <b>2016</b> , 286, 61-68	5-7	18
36	Found in translation: Understanding the biology and behavior of experimental traumatic brain injury. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2015</b> , 58, 123-46	9	55
35	Deciphering of mitochondrial cardiolipin oxidative signaling in cerebral ischemia-reperfusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2015</b> , 35, 319-28	7-3	37
34	Divergent long-term consequences of chronic treatment with haloperidol, risperidone, and bromocriptine on traumatic brain injury-induced cognitive deficits. <i>Journal of Neurotrauma</i> , <b>2015</b> , 32, 590-7	5-4	50
33	Emerging therapies in traumatic brain injury. <i>Seminars in Neurology</i> , <b>2015</b> , 35, 83-100	3-2	80

32	Environmental enrichment as a viable neurorehabilitation strategy for experimental traumatic brain injury. <i>Journal of Neurotrauma</i> , <b>2014</b> , 31, 873-88	5.4	64
31	A combined therapeutic regimen of buspirone and environmental enrichment is more efficacious than either alone in enhancing spatial learning in brain-injured pediatric rats. <i>Journal of Neurotrauma</i> , <b>2014</b> , 31, 1934-41	5.4	30
30	Old dog, new tricks: the attentional set-shifting test as a novel cognitive behavioral task after controlled cortical impact injury. <i>Journal of Neurotrauma</i> , <b>2014</b> , 31, 926-37	5.4	41
29	Environmental enrichment promotes robust functional and histological benefits in female rats after controlled cortical impact injury. <i>Experimental Neurology</i> , <b>2013</b> , 247, 410-8	5.7	54
28	Donepezil is ineffective in promoting motor and cognitive benefits after controlled cortical impact injury in male rats. <i>Journal of Neurotrauma</i> , <b>2013</b> , 30, 557-64	5.4	26
27	Elucidating the role of 5-HT(1A) and 5-HT(7) receptors on 8-OH-DPAT-induced behavioral recovery after experimental traumatic brain injury. <i>Neuroscience Letters</i> , <b>2012</b> , 515, 153-6	3.3	17
26	Evaluation of a combined treatment paradigm consisting of environmental enrichment and the 5-HT1A receptor agonist buspirone after experimental traumatic brain injury. <i>Journal of Neurotrauma</i> , <b>2012</b> , 29, 1960-9	5.4	41
25	Traumatic brain injury-induced cognitive and histological deficits are attenuated by delayed and chronic treatment with the 5-HT1A-receptor agonist buspirone. <i>Journal of Neurotrauma</i> , <b>2012</b> , 29, 1898-907	5.4	38
24	A relatively brief exposure to environmental enrichment after experimental traumatic brain injury confers long-term cognitive benefits. <i>Journal of Neurotrauma</i> , <b>2012</b> , 29, 2684-8	5.4	49
23	Biologic and plastic effects of experimental traumatic brain injury treatment paradigms and their relevance to clinical rehabilitation. <i>PM and R</i> , <b>2011</b> , 3, S18-27	2.2	26
22	Abbreviated environmental enrichment enhances neurobehavioral recovery comparably to continuous exposure after traumatic brain injury. <i>Neurorehabilitation and Neural Repair</i> , <b>2011</b> , 25, 343-50	4.7	54
21	Temporal effects of environmental enrichment-mediated functional improvement after experimental traumatic brain injury in rats. <i>Neurorehabilitation and Neural Repair</i> , <b>2011</b> , 25, 558-64	4.7	59
20	Evaluation of a combined therapeutic regimen of 8-OH-DPAT and environmental enrichment after experimental traumatic brain injury. <i>Journal of Neurotrauma</i> , <b>2010</b> , 27, 2021-32	5.4	63
19	Empirical comparison of typical and atypical environmental enrichment paradigms on functional and histological outcome after experimental traumatic brain injury. <i>Journal of Neurotrauma</i> , <b>2010</b> , 27, 1047-57	5.4	83
18	Persistent cognitive dysfunction after traumatic brain injury: A dopamine hypothesis. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2009</b> , 33, 981-1003	9	186
17	Administration of haloperidol and risperidone after neurobehavioral testing hinders the recovery of traumatic brain injury-induced deficits. <i>Life Sciences</i> , <b>2008</b> , 83, 602-7	6.8	86
16	Environmental enrichment-mediated functional improvement after experimental traumatic brain injury is contingent on task-specific neurobehavioral experience. <i>Neuroscience Letters</i> , <b>2008</b> , 431, 226-30	3.3	58
15	Chronic administration of antipsychotics impede behavioral recovery after experimental traumatic brain injury. <i>Neuroscience Letters</i> , <b>2008</b> , 448, 263-7	3.3	71

14	A delayed and chronic treatment regimen with the 5-HT <sub>1A</sub> receptor agonist 8-OH-DPAT after cortical impact injury facilitates motor recovery and acquisition of spatial learning. <i>Behavioural Brain Research</i> , <b>2008</b> , 194, 79-85	3.4	45
13	Differential effects of single versus multiple administrations of haloperidol and risperidone on functional outcome after experimental brain trauma. <i>Critical Care Medicine</i> , <b>2007</b> , 35, 919-24	1.4	53
12	Acute treatment with the 5-HT <sub>1A</sub> receptor agonist 8-OH-DPAT and chronic environmental enrichment confer neurobehavioral benefit after experimental brain trauma. <i>Behavioural Brain Research</i> , <b>2007</b> , 177, 186-94	3.4	90
11	Gender associations with chronic methylphenidate treatment and behavioral performance following experimental traumatic brain injury. <i>Behavioural Brain Research</i> , <b>2007</b> , 181, 200-9	3.4	71
10	The neurobehavioral benefit conferred by a single systemic administration of 8-OH-DPAT after brain trauma is confined to a narrow therapeutic window. <i>Neuroscience Letters</i> , <b>2007</b> , 416, 165-8	3.3	28
9	The therapeutic efficacy conferred by the 5-HT <sub>1A</sub> receptor agonist 8-Hydroxy-2-(di-n-propylamino)tetralin (8-OH-DPAT) after experimental traumatic brain injury is not mediated by concomitant hypothermia. <i>Journal of Neurotrauma</i> , <b>2004</b> , 21, 175-85	5.4	48
8	Bromocriptine reduces lipid peroxidation and enhances spatial learning and hippocampal neuron survival in a rodent model of focal brain trauma. <i>Journal of Neurotrauma</i> , <b>2004</b> , 21, 1712-22	5.4	75
7	Time dependent alterations in dopamine tissue levels and metabolism after experimental traumatic brain injury in rats. <i>Neuroscience Letters</i> , <b>2004</b> , 372, 127-31	3.3	57
6	Acute systemic administration of interleukin-10 suppresses the beneficial effects of moderate hypothermia following traumatic brain injury in rats. <i>Brain Research</i> , <b>2002</b> , 937, 22-31	3.7	60
5	Attenuation of working memory and spatial acquisition deficits after a delayed and chronic bromocriptine treatment regimen in rats subjected to traumatic brain injury by controlled cortical impact. <i>Journal of Neurotrauma</i> , <b>2002</b> , 19, 415-25	5.4	126
4	Protective effects of the 5-HT <sub>1A</sub> receptor agonist 8-hydroxy-2-(di-n-propylamino)tetralin against traumatic brain injury-induced cognitive deficits and neuropathology in adult male rats. <i>Neuroscience Letters</i> , <b>2002</b> , 333, 179-82	3.3	45
3	Chronic methylphenidate treatment enhances water maze performance following traumatic brain injury in rats. <i>Neuroscience Letters</i> , <b>2000</b> , 280, 163-6	3.3	99
2	Amantadine improves water maze performance without affecting motor behavior following traumatic brain injury in rats. <i>Restorative Neurology and Neuroscience</i> , <b>1999</b> , 14, 285-294	2.8	72
1	Methylphenidate treatment following ablation-induced hemiplegia in rat: experience during drug action alters effects on recovery of function. <i>Pharmacology Biochemistry and Behavior</i> , <b>1994</b> , 48, 773-9	3.9	58