

# Mark R N Kotter

## List of Publications by Year in descending order

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Version: 2024-02-01

87  
papers

4,216  
citations

172457

29  
h-index

138484

58  
g-index

100  
all docs

100  
docs citations

100  
times ranked

3790  
citing authors

#	ARTICLE	IF	CITATIONS
1	Traumatic spinal cord injury. <i>Nature Reviews Disease Primers</i> , 2017, 3, 17018.	30.5	1,138
2	A Clinical Practice Guideline for the Management of Patients With Degenerative Cervical Myelopathy: Recommendations for Patients With Mild, Moderate, and Severe Disease and Nonmyelopathic Patients With Evidence of Cord Compression. <i>Global Spine Journal</i> , 2017, 7, 70S-83S.	2.3	277
3	Degenerative cervical myelopathy. <i>BMJ: British Medical Journal</i> , 2018, 360, k186.	2.3	197
4	Enhancing remyelination in disease--can we wrap it up?. <i>Brain</i> , 2011, 134, 1882-1900.	7.6	157
5	A Clinical Practice Guideline for the Management of Patients With Acute Spinal Cord Injury and Central Cord Syndrome: Recommendations on the Timing (≤24 Hours Versus >24 Hours) of Decompressive Surgery. <i>Global Spine Journal</i> , 2017, 7, 195S-202S.	2.3	157
6	Inducible and Deterministic Forward Programming of Human Pluripotent Stem Cells into Neurons, Skeletal Myocytes, and Oligodendrocytes. <i>Stem Cell Reports</i> , 2017, 8, 803-812.	4.8	115
7	The Cerebral Microvasculature in Schizophrenia: A Laser Capture Microdissection Study. <i>PLoS ONE</i> , 2008, 3, e3964.	2.5	87
8	The Prevalence of Asymptomatic and Symptomatic Spinal Cord Compression on Magnetic Resonance Imaging: A Systematic Review and Meta-analysis. <i>Global Spine Journal</i> , 2021, 11, 597-607.	2.3	86
9	RE-CODE DCM (Research Objectives and Common Data Elements for Tj ETQq1 1 0.784314 rgBT /Overlook Efficiency in DCM, Through Establishment of a Standardized Dataset for Clinical Research and the Definition of the Research Priorities. <i>Global Spine Journal</i> , 2019, 9, 65S-76S.	2.3	83
10	Optimized inducible shRNA and CRISPR/Cas9 platforms for <i>in vitro</i> studies of human development using hPSCs. <i>Development (Cambridge)</i> , 2016, 143, 4405-4418.	2.5	75
11	Characterization of glucose-related metabolic pathways in differentiated rat oligodendrocyte lineage cells. <i>Glia</i> , 2016, 64, 21-34.	4.9	71
12	Tamoxifen accelerates the repair of demyelinated lesions in the central nervous system. <i>Scientific Reports</i> , 2016, 6, 31599.	3.3	71
13	Reported Outcome Measures in Degenerative Cervical Myelopathy: A Systematic Review. <i>PLoS ONE</i> , 2016, 11, e0157263.	2.5	70
14	Predicting the minimum clinically important difference in patients undergoing surgery for the treatment of degenerative cervical myelopathy. <i>Neurosurgical Focus</i> , 2016, 40, E14.	2.3	65
15	A Clinical Practice Guideline for the Management of Patients With Acute Spinal Cord Injury: Recommendations on the Role of Baseline Magnetic Resonance Imaging in Clinical Decision Making and Outcome Prediction. <i>Global Spine Journal</i> , 2017, 7, 221S-230S.	2.3	59
16	The reporting of study and population characteristics in degenerative cervical myelopathy: A systematic review. <i>PLoS ONE</i> , 2017, 12, e0172564.	2.5	57
17	Degenerative Cervical Myelopathy: A Brief Review of Past Perspectives, Present Developments, and Future Directions. <i>Journal of Clinical Medicine</i> , 2020, 9, 535.	2.4	55
18	Diagnostic Delays Lead to Greater Disability in Degenerative Cervical Myelopathy and Represent a Health Inequality. <i>Spine</i> , 2020, 45, 368-377.	2.0	54

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19	Route to diagnosis of degenerative cervical myelopathy in a UK healthcare system: a retrospective cohort study. <i>BMJ Open</i> , 2019, 9, e027000.	1.9	49
20	A Clinical Practice Guideline for the Management of Patients With Acute Spinal Cord Injury: Recommendations on the Type and Timing of Rehabilitation. <i>Global Spine Journal</i> , 2017, 7, 231S-238S.	2.3	47
21	Recovery priorities in degenerative cervical myelopathy: a cross-sectional survey of an international, online community of patients. <i>BMJ Open</i> , 2019, 9, e031486.	1.9	46
22	Axonal plasticity underpins the functional recovery following surgical decompression in a rat model of cervical spondylotic myelopathy. <i>Acta Neuropathologica Communications</i> , 2016, 4, 89.	5.2	45
23	Degenerative Cervical Myelopathy: Development and Natural History [AO Spine RECODE-DCM Research Priority Number 2]. <i>Global Spine Journal</i> , 2022, 12, 39S-54S.	2.3	42
24	Pathobiology of Degenerative Cervical Myelopathy. <i>Neurosurgery Clinics of North America</i> , 2018, 29, 13-19.	1.7	38
25	Antibody-mediated neutralization of myelin-associated EphrinB3 accelerates CNS remyelination. <i>Acta Neuropathologica</i> , 2016, 131, 281-298.	7.7	37
26	The Pathophysiology of Degenerative Cervical Myelopathy and the Physiology of Recovery Following Decompression. <i>Frontiers in Neuroscience</i> , 2020, 14, 138.	2.8	37
27	Assessment of degenerative cervical myelopathy differs between specialists and may influence time to diagnosis and clinical outcomes. <i>PLoS ONE</i> , 2018, 13, e0207709.	2.5	36
28	A Novel Insight Into the Challenges of Diagnosing Degenerative Cervical Myelopathy Using Web-Based Symptom Checkers. <i>Journal of Medical Internet Research</i> , 2019, 21, e10868.	4.3	36
29	A New Framework for Investigating the Biological Basis of Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 5]: Mechanical Stress, Vulnerability and Time. <i>Global Spine Journal</i> , 2022, 12, 78S-96S.	2.3	36
30	Outcomes of Degenerative Cervical Myelopathy From The Perspective of Persons Living With the Condition: Findings of a Semistructured Interview Process With Partnered Internet Survey. <i>Global Spine Journal</i> , 2022, 12, 432-440.	2.3	33
31	Congenital Cervical Fusion as a Risk Factor for Development of Degenerative Cervical Myelopathy. <i>World Neurosurgery</i> , 2017, 100, 531-539.	1.3	30
32	A comparison of radiological descriptions of spinal cord compression with quantitative measures, and their role in non-specialist clinical management. <i>PLoS ONE</i> , 2019, 14, e0219380.	2.5	29
33	Cord compression defined by MRI is the driving factor behind the decision to operate in Degenerative Cervical Myelopathy despite poor correlation with disease severity. <i>PLoS ONE</i> , 2019, 14, e0226020.	2.5	29
34	Research Inefficiency in Degenerative Cervical Myelopathy: Findings of a Systematic Review on Research Activity Over the Past 20 Years. <i>Global Spine Journal</i> , 2020, 10, 476-485.	2.3	29
35	Development and validation of a MEDLINE search filter/hedge for degenerative cervical myelopathy. <i>BMC Medical Research Methodology</i> , 2018, 18, 73.	3.1	28
36	Lessons From Recruitment to an Internet-Based Survey for Degenerative Cervical Myelopathy: Comparison of Free and Fee-Based Methods. <i>JMIR Research Protocols</i> , 2018, 7, e18.	1.0	28

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37	Improving Awareness Could Transform Outcomes in Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 1]. <i>Global Spine Journal</i> , 2022, 12, 28S-38S.	2.3	28
38	Establishing the Socio-Economic Impact of Degenerative Cervical Myelopathy Is Fundamental to Improving Outcomes [AO Spine RECODE-DCM Research Priority Number 8]. <i>Global Spine Journal</i> , 2022, 12, 122S-129S.	2.3	27
39	We Choose to Call it “Degenerative Cervical Myelopathy”™: Findings of AO Spine RECODE-DCM, an International and Multi-Stakeholder Partnership to Agree a Standard Unifying Term and Definition for a Disease. <i>Global Spine Journal</i> , 2024, 14, 503-512.	2.3	27
40	Genetics of Degenerative Cervical Myelopathy: A Systematic Review and Meta-Analysis of Candidate Gene Studies. <i>Journal of Clinical Medicine</i> , 2020, 9, 282.	2.4	25
41	The effect of ageing on presentation, management and outcomes in degenerative cervical myelopathy: a systematic review. <i>Age and Ageing</i> , 2021, 50, 705-715.	1.6	25
42	Is Preoperative Duration of Symptoms a Significant Predictor of Functional Outcomes in Patients Undergoing Surgery for the Treatment of Degenerative Cervical Myelopathy?. <i>Neurosurgery</i> , 2019, 85, 642-647.	1.1	24
43	Quality of Life Among Informal Caregivers of Patients With Degenerative Cervical Myelopathy: Cross-Sectional Questionnaire Study. <i>Interactive Journal of Medical Research</i> , 2019, 8, e12381.	1.4	23
44	Clinical outcome measures and their evidence base in degenerative cervical myelopathy: a systematic review to inform a core measurement set (AO Spine RECODE-DCM). <i>BMJ Open</i> , 2022, 12, e057650.	1.9	22
45	Establishing Diagnostic Criteria for Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 3]. <i>Global Spine Journal</i> , 2022, 12, 55S-63S.	2.3	21
46	Improving Assessment of Disease Severity and Strategies for Monitoring Progression in Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 4]. <i>Global Spine Journal</i> , 2022, 12, 64S-77S.	2.3	21
47	Is there a role for postoperative physiotherapy in degenerative cervical myelopathy? A systematic review. <i>Clinical Rehabilitation</i> , 2018, 32, 1169-1174.	2.2	20
48	A scoping review of trials for cell-based therapies in human spinal cord injury. <i>Spinal Cord</i> , 2020, 58, 844-856.	1.9	19
49	Surgical Outcomes Following Laminectomy With Fusion Versus Laminectomy Alone in Patients With Degenerative Cervical Myelopathy. <i>Spine</i> , 2020, 45, 1696-1703.	2.0	18
50	Prevailing Outcome Themes Reported by People With Degenerative Cervical Myelopathy: Focus Group Study. <i>JMIR Formative Research</i> , 2021, 5, e18732.	1.4	18
51	AO Spine RECODE-DCM: Why Prioritize Research in Degenerative Cervical Myelopathy?. <i>Global Spine Journal</i> , 2022, 12, 5S-7S.	2.3	18
52	Oligodendrocytes: Development, Physiology and Glucose Metabolism. <i>Advances in Neurobiology</i> , 2016, 13, 275-294.	1.8	17
53	Quantitative analysis of medical students’™ and physicians’™ knowledge of degenerative cervical myelopathy. <i>BMJ Open</i> , 2020, 10, e028455.	1.9	17
54	Moving Beyond the Neck and Arm: The Pain Experience of People With Degenerative Cervical Myelopathy Who Have Pain. <i>Global Spine Journal</i> , 2022, 12, 1434-1442.	2.3	17

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55	Oligodendrocytes Do Not Export NAA-Derived Aspartate In Vitro. <i>Neurochemical Research</i> , 2017, 42, 827-837.	3.3	15
56	Tackling Research Inefficiency in Degenerative Cervical Myelopathy: Illustrative Review. <i>JMIR Research Protocols</i> , 2020, 9, e15922.	1.0	15
57	Determinants of quality of life in degenerative cervical myelopathy: a systematic review. <i>British Journal of Neurosurgery</i> , 2023, 37, 71-81.	0.8	15
58	Energetic substrate availability regulates synchronous activity in an excitatory neural network. <i>PLoS ONE</i> , 2019, 14, e0220937.	2.5	13
59	The Relative Merits of Posterior Surgical Treatments for Multi-Level Degenerative Cervical Myelopathy Remain Uncertain: Findings from a Systematic Review. <i>Journal of Clinical Medicine</i> , 2021, 10, 3653.	2.4	13
60	The Use of Smart Technology in an Online Community of Patients With Degenerative Cervical Myelopathy. <i>JMIR Formative Research</i> , 2019, 3, e11364.	1.4	13
61	Gathering Global Perspectives to Establish the Research Priorities and Minimum Data Sets for Degenerative Cervical Myelopathy: Sampling Strategy of the First Round Consensus Surveys of AO Spine RECODE-DCM. <i>Global Spine Journal</i> , 2022, 12, 8S-18S.	2.3	13
62	Trajectory-Based Classification of Recovery in Sensorimotor Complete Traumatic Cervical Spinal Cord Injury. <i>Neurology</i> , 2021, 96, e2736-e2748.	1.1	12
63	Increasing awareness of degenerative cervical myelopathy: a preventative cause of non-traumatic spinal cord injury. <i>Spinal Cord</i> , 2021, 59, 1216-1218.	1.9	12
64	Spinal Research – A Field in Need of Standardization. <i>Journal of Rheumatology</i> , 2020, 47, 633-634.	2.0	11
65	Development of a validated search filter for Ovid Embase for degenerative cervical myelopathy. <i>Health Information and Libraries Journal</i> , 2023, 40, 181-189.	2.5	11
66	Developing Peri-Operative Rehabilitation in Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 6]: An Unexplored Opportunity?. <i>Global Spine Journal</i> , 2022, 12, 97S-108S.	2.3	10
67	The AO Spine RECODE-DCM International Collaborative – Establishing the Foundations for Accelerated and Patient-Centered Innovation. <i>Global Spine Journal</i> , 2022, 12, 159S-171S.	2.3	10
68	The Prevalence of Degenerative Cervical Myelopathy-Related Pathologies on Magnetic Resonance Imaging in Healthy/Asymptomatic Individuals: A Meta-Analysis of Published Studies and Comparison to a Symptomatic Cohort. <i>Journal of Clinical Neuroscience</i> , 2022, 99, 53-61.	1.5	10
69	Hospitalisation for degenerative cervical myelopathy in England: insights from the National Health Service Hospital Episode Statistics 2012 to 2019. <i>Acta Neurochirurgica</i> , 2022, 164, 1535-1541.	1.7	10
70	Current surgical practice for multi-level degenerative cervical myelopathy: Findings from an international survey of spinal surgeons. <i>Journal of Clinical Neuroscience</i> , 2021, 87, 84-88.	1.5	9
71	The development of lived experience-centered word clouds to support research uncertainty gathering in degenerative cervical myelopathy: results from an engagement process and protocol for their evaluation, via a nested randomized controlled trial. <i>Trials</i> , 2021, 22, 415.	1.6	9
72	Systematic review of the impact of cannabinoids on neurobehavioral outcomes in preclinical models of traumatic and nontraumatic spinal cord injury. <i>Spinal Cord</i> , 2021, 59, 1221-1239.	1.9	9

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73	Developing Novel Therapies for Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 7]: Opportunities From Restorative Neurobiology. <i>Global Spine Journal</i> , 2022, 12, 109S-121S.	2.3	8
74	Development of a core measurement set for research in degenerative cervical myelopathy: a study protocol (AO Spine RECODE-DCM CMS). <i>BMJ Open</i> , 2022, 12, e060436.	1.9	8
75	Guidelines for the Management of Patients with Degenerative Cervical Myelopathy. <i>Spine Journal</i> , 2016, 16, S113.	1.3	6
76	Studying the Effects of Semaphorins on Oligodendrocyte Lineage Cells. <i>Methods in Molecular Biology</i> , 2017, 1493, 363-378.	0.9	6
77	Establishing mild, moderate and severe criteria for the myelopathy disability index in cervical spondylotic myelopathy. <i>British Journal of Neurosurgery</i> , 2023, 37, 1018-1022.	0.8	6
78	Current provision of myelopathy education in medical schools in the UK: protocol for a national medical student survey. <i>BMJ Open</i> , 2020, 10, e035563.	1.9	6
79	AOSpine Global Survey: International Trends in Utilization of Magnetic Resonance Imaging/Computed Tomography for Spinal Trauma and Spinal Cord Injury across AO Regions. <i>Journal of Neurotrauma</i> , 2019, 36, 3323-3331.	3.4	5
80	Provision and Perception of Physiotherapy in the Nonoperative Management of Degenerative Cervical Myelopathy (DCM): A Cross-Sectional Questionnaire of People Living With DCM. <i>Global Spine Journal</i> , 2022, 12, 638-645.	2.3	5
81	How common is repeat surgery and multi-level treatment in Degenerative Cervical Myelopathy? Findings from a patient perspective survey. <i>Journal of Clinical Neuroscience</i> , 2020, 77, 181-184.	1.5	5
82	Academic neurosurgery in the UK: present and future directions. <i>Postgraduate Medical Journal</i> , 2019, 95, 524-530.	1.8	4
83	Existing Funding Sources in Degenerative Cervical Myelopathy Research: Scoping Review. <i>Interactive Journal of Medical Research</i> , 2022, 11, e36194.	1.4	4
84	Degenerative Cervical Myelopathy and the Aging Spine: Introduction to the Special Issue. <i>Journal of Clinical Medicine</i> , 2020, 9, 2535.	2.4	3
85	Therapeutic repetitive Transcranial Magnetic stimulation (rTMS) for neurological dysfunction in Degenerative cervical Myelopathy: An unexplored opportunity? Findings from a systematic review. <i>Journal of Clinical Neuroscience</i> , 2021, 90, 76-81.	1.5	3
86	Evidence of impaired macroautophagy in human degenerative cervical myelopathy. <i>Scientific Reports</i> , 2022, 12, .	3.3	2
87	Mathematical Modeling of Neuronal Logic, Memory and Clocking Circuits. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020, 30, 2050003.	1.7	0