

Gabriël J E Rinkel

List of Publications by Year in descending order

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Version: 2024-02-01

120
papers

8,686
citations

76294

40
h-index

46771

89
g-index

123
all docs

123
docs citations

123
times ranked

7138
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in case fatality of aneurysmal subarachnoid haemorrhage over time, according to age, sex, and region: a meta-analysis. <i>Lancet Neurology, The</i> , 2009, 8, 635-642.	4.9	1,079
2	Development of the PHASES score for prediction of risk of rupture of intracranial aneurysms: a pooled analysis of six prospective cohort studies. <i>Lancet Neurology, The</i> , 2014, 13, 59-66.	4.9	980
3	European Stroke Organization Guidelines for the Management of Intracranial Aneurysms and Subarachnoid Haemorrhage. <i>Cerebrovascular Diseases</i> , 2013, 35, 93-112.	0.8	884
4	Mortality and Morbidity of Surgery for Unruptured Intracranial Aneurysms. <i>Stroke</i> , 1998, 29, 1531-1538.	1.0	517
5	Treatment of Intracranial Aneurysms by Embolization with Coils. <i>Stroke</i> , 1999, 30, 470-476.	1.0	470
6	Worldwide Incidence of Aneurysmal Subarachnoid Hemorrhage According to Region, Time Period, Blood Pressure, and Smoking Prevalence in the Population. <i>JAMA Neurology</i> , 2019, 76, 588.	4.5	452
7	Long-term outcomes of patients with aneurysmal subarachnoid haemorrhage. <i>Lancet Neurology, The</i> , 2011, 10, 349-356.	4.9	384
8	Endovascular Treatment of Ruptured Intracranial Aneurysms with Detachable Coils: Long-term Clinical and Serial Angiographic Results. <i>Radiology</i> , 2003, 227, 720-724.	3.6	182
9	Patient- and Aneurysm-Specific Risk Factors for Intracranial Aneurysm Growth. <i>Stroke</i> , 2016, 47, 951-957.	1.0	166
10	Development and validation of outcome prediction models for aneurysmal subarachnoid haemorrhage: the SAHIT multinational cohort study. <i>BMJ: British Medical Journal</i> , 2018, 360, j5745.	2.4	166
11	ELAPSS score for prediction of risk of growth of unruptured intracranial aneurysms. <i>Neurology</i> , 2017, 88, 1600-1606.	1.5	164
12	Genome-wide association study of intracranial aneurysms identifies 17 risk loci and genetic overlap with clinical risk factors. <i>Nature Genetics</i> , 2020, 52, 1303-1313.	9.4	163
13	Induced Hypertension for Delayed Cerebral Ischemia After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2018, 49, 76-83.	1.0	140
14	Procedural Clinical Complications, Case-Fatality Risks, and Risk Factors in Endovascular and Neurosurgical Treatment of Unruptured Intracranial Aneurysms. <i>JAMA Neurology</i> , 2019, 76, 282.	4.5	134
15	PHASES Score for Prediction of Intracranial Aneurysm Growth. <i>Stroke</i> , 2015, 46, 1221-1226.	1.0	132
16	CT Perfusion and Delayed Cerebral Ischemia in Aneurysmal Subarachnoid Hemorrhage: A Systematic Review and Meta-Analysis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 200-207.	2.4	99
17	Ultra-early tranexamic acid after subarachnoid haemorrhage (ULTRA): a randomised controlled trial. <i>Lancet, The</i> , 2021, 397, 112-118.	6.3	95
18	Risk Factors for Intracranial Aneurysm Rupture: A Systematic Review. <i>Neurosurgery</i> , 2018, 82, 431-440.	0.6	88

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19	Clinical, Radiological, and Flow-Related Risk Factors for Growth of Untreated, Unruptured Intracranial Aneurysms. <i>Stroke</i> , 2015, 46, 42-48.	1.0	84
20	Time trends in causes of death after aneurysmal subarachnoid hemorrhage. <i>Neurology</i> , 2016, 86, 59-63.	1.5	77
21	Long-term, serial screening for intracranial aneurysms in individuals with a family history of aneurysmal subarachnoid haemorrhage: a cohort study. <i>Lancet Neurology</i> , The, 2014, 13, 385-392.	4.9	75
22	Effects of Induced Hypertension on Cerebral Perfusion in Delayed Cerebral Ischemia After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2015, 46, 3277-3281.	1.0	73
23	Configuration of intracranial arteries and development of aneurysms. <i>Neurology</i> , 2008, 70, 700-705.	1.5	72
24	Diagnostic yield and accuracy of CT angiography, MR angiography, and digital subtraction angiography for detection of macrovascular causes of intracerebral haemorrhage: prospective, multicentre cohort study. <i>BMJ</i> , The, 2015, 351, h5762-h5762.	3.0	71
25	Timing of Aneurysm Treatment After Subarachnoid Hemorrhage. <i>Stroke</i> , 2012, 43, 2126-2129.	1.0	64
26	CT within 6 hours of headache onset to rule out subarachnoid hemorrhage in nonacademic hospitals. <i>Neurology</i> , 2015, 84, 1927-1932.	1.5	64
27	Apixaban versus Antiplatelet drugs or no antithrombotic drugs after anticoagulation-associated intracerebral haemorrhage in patients with Atrial Fibrillation (APACHE-AF): study protocol for a randomised controlled trial. <i>Trials</i> , 2015, 16, 393.	0.7	59
28	Gadolinium Enhancement of the Aneurysm Wall in Unruptured Intracranial Aneurysms Is Associated with an Increased Risk of Aneurysm Instability: A Follow-Up Study. <i>American Journal of Neuroradiology</i> , 2019, 40, 1112-1116.	1.2	57
29	High Risk Population Isolate Reveals Low Frequency Variants Predisposing to Intracranial Aneurysms. <i>PLoS Genetics</i> , 2014, 10, e1004134.	1.5	55
30	CT angiography spot sign in intracerebral hemorrhage predicts active bleeding during surgery. <i>Neurology</i> , 2014, 83, 883-889.	1.5	55
31	Hemostasis and Fibrinolysis in Delayed Cerebral Ischemia after Aneurysmal Subarachnoid Hemorrhage: A Systematic Review. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 724-733.	2.4	55
32	RNA Sequencing Analysis of Intracranial Aneurysm Walls Reveals Involvement of Lysosomes and Immunoglobulins in Rupture. <i>Stroke</i> , 2016, 47, 1286-1293.	1.0	55
33	Treatment of cerebral cavernous malformations: a systematic review and meta-regression analysis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, 1319-1323.	0.9	53
34	Genome-Wide Association Study of Intracranial Aneurysm Identifies a New Association on Chromosome 7. <i>Stroke</i> , 2014, 45, 3194-3199.	1.0	52
35	Common Data Elements for Unruptured Intracranial Aneurysms and Subarachnoid Hemorrhage Clinical Research: A National Institute for Neurological Disorders and Stroke and National Library of Medicine Project. <i>Neurocritical Care</i> , 2019, 30, 4-19.	1.2	49
36	Predicting the presence of macrovascular causes in non-traumatic intracerebral haemorrhage: the DIAGRAM prediction score. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 674-679.	0.9	46

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37	Shared Genetic Risk Factors of Intracranial, Abdominal, and Thoracic Aneurysms. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	45
38	Natural History and Outcome After Treatment of Unruptured Intradural Fusiform Aneurysms. <i>Stroke</i> , 2014, 45, 3251-3256.	1.0	44
39	Apixaban versus no anticoagulation after anticoagulation-associated intracerebral haemorrhage in patients with atrial fibrillation in the Netherlands (APACHE-AF): a randomised, open-label, phase 2 trial. <i>Lancet Neurology</i> , The, 2021, 20, 907-916.	4.9	44
40	Aneurysm Treatment <24 Versus 24"72&h After Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2014, 21, 4-13.	1.2	42
41	Location-specific risk factors for intracerebral hemorrhage. <i>Neurology</i> , 2020, 95, e1807-e1818.	1.5	41
42	Glial cell response after aneurysmal subarachnoid hemorrhage " Functional consequences and clinical implications. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 492-505.	1.8	38
43	Determinants of Gadolinium-Enhancement of the Aneurysm Wall in Unruptured Intracranial Aneurysms. <i>Neurosurgery</i> , 2018, 83, 719-725.	0.6	38
44	Risk of Rupture After Intracranial Aneurysm Growth. <i>JAMA Neurology</i> , 2021, 78, 1228.	4.5	37
45	Nosocomial Infections after Aneurysmal Subarachnoid Hemorrhage: Time Course and Causative Pathogens. <i>International Journal of Stroke</i> , 2015, 10, 763-766.	2.9	35
46	Lessons Learned from Whole Exome Sequencing in Multiplex Families Affected by a Complex Genetic Disorder, Intracranial Aneurysm. <i>PLoS ONE</i> , 2015, 10, e0121104.	1.1	32
47	Meta-analysis of timing of endovascular aneurysm treatment in subarachnoid haemorrhage: inconsistent results of early treatment within 1 day. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 241-248.	0.9	31
48	External Validation of the Secondary Intracerebral Hemorrhage Score in The Netherlands. <i>Stroke</i> , 2013, 44, 2904-2906.	1.0	30
49	Genetic risk load according to the site of intracranial aneurysms. <i>Neurology</i> , 2014, 83, 34-39.	1.5	28
50	Early Magnesium Treatment After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2015, 46, 3190-3193.	1.0	27
51	Relationship Between Cardiac Dysfunction and Cerebral Perfusion in Patients with Aneurysmal Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2016, 24, 202-206.	1.2	27
52	Circulating microRNAs in patients with intracranial aneurysms. <i>PLoS ONE</i> , 2017, 12, e0176558.	1.1	26
53	Effect of Endothelin Receptor Antagonists on Clinically Relevant Outcomes after Experimental Subarachnoid Hemorrhage: A Systematic Review and Meta-Analysis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1085-1089.	2.4	25
54	Complement C5 Contributes to Brain Injury After Subarachnoid Hemorrhage. <i>Translational Stroke Research</i> , 2020, 11, 678-688.	2.3	24

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55	Blood Pressure Management After Intracerebral and Subarachnoid Hemorrhage: The Knowns and Known Unknowns. <i>Stroke</i> , 2022, 53, 1065-1073.	1.0	24
56	Evaluation of genetic risk loci for intracranial aneurysms in sporadic arteriovenous malformations of the brain. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 524-529.	0.9	23
57	Definition and Prioritization of Data Elements for Cohort Studies and Clinical Trials on Patients with Unruptured Intracranial Aneurysms: Proposal of a Multidisciplinary Research Group. <i>Neurocritical Care</i> , 2019, 30, 87-101.	1.2	22
58	RNA-Sequencing Highlights Inflammation and Impaired Integrity of the Vascular Wall in Brain Arteriovenous Malformations. <i>Stroke</i> , 2020, 51, 268-274.	1.0	22
59	Sex Difference and Rupture Rate of Intracranial Aneurysms: An Individual Patient Data Meta-Analysis. <i>Stroke</i> , 2022, 53, 362-369.	1.0	22
60	Medical Management of Patients with Aneurysmal Subarachnoid Haemorrhage. <i>International Journal of Stroke</i> , 2008, 3, 193-204.	2.9	21
61	Prevalence of Brain Arteriovenous Malformations in First-Degree Relatives of Patients With a Brain Arteriovenous Malformation. <i>Stroke</i> , 2014, 45, 3231-3235.	1.0	20
62	Association of Automatically Quantified Total Blood Volume after Aneurysmal Subarachnoid Hemorrhage with Delayed Cerebral Ischemia. <i>American Journal of Neuroradiology</i> , 2016, 37, 1588-1593.	1.2	19
63	Restrictions and satisfaction with participation in patients who are ADL-independent after an aneurysmal subarachnoid hemorrhage. <i>Topics in Stroke Rehabilitation</i> , 2017, 24, 134-141.	1.0	19
64	Preventive screening for intracranial aneurysms. <i>International Journal of Stroke</i> , 2022, 17, 30-36.	2.9	19
65	CT perfusion during delayed cerebral ischemia after subarachnoid hemorrhage: distinction between reversible ischemia and ischemia progressing to infarction. <i>Neuroradiology</i> , 2015, 57, 897-902.	1.1	18
66	Cerebral aneurysm guidelines—more guidance needed. <i>Nature Reviews Neurology</i> , 2015, 11, 490-491.	4.9	18
67	Recovery to Preinterventional Functioning, Return-to-Work, and Life Satisfaction After Treatment of Unruptured Aneurysms. <i>Stroke</i> , 2015, 46, 1607-1612.	1.0	18
68	Polymorphisms in ACVRL1 and Endoglin Genes are Not Associated with Sporadic and HHT-Related Brain AVMs in Dutch Patients. <i>Translational Stroke Research</i> , 2013, 4, 375-378.	2.3	17
69	Common Data Elements for Radiological Imaging of Patients with Subarachnoid Hemorrhage: Proposal of a Multidisciplinary Research Group. <i>Neurocritical Care</i> , 2019, 30, 60-78.	1.2	17
70	Management of patients with unruptured intracranial aneurysms. <i>Current Opinion in Neurology</i> , 2019, 32, 49-53.	1.8	17
71	Intracranial Aneurysm—Associated Single-Nucleotide Polymorphisms Alter Regulatory DNA in the Human Circle of Willis. <i>Stroke</i> , 2018, 49, 447-453.	1.0	16
72	Effect of magnesium treatment and glucose levels on delayed cerebral ischemia in patients with subarachnoid hemorrhage: a substudy of the Magnesium in Aneurysmal Subarachnoid Haemorrhage trial (MASH-II). <i>International Journal of Stroke</i> , 2015, 10, 108-112.	2.9	15

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73	Association of Quantified Location-Specific Blood Volumes with Delayed Cerebral Ischemia after Aneurysmal Subarachnoid Hemorrhage. <i>American Journal of Neuroradiology</i> , 2018, 39, 1059-1064.	1.2	15
74	Prevention and treatment of medical and neurological complications in patients with aneurysmal subarachnoid haemorrhage. <i>Practical Neurology</i> , 2009, 9, 195-209.	0.5	14
75	Susceptibility loci for sporadic brain arteriovenous malformation; a replication study and meta-analysis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 693-696.	0.9	13
76	Sex-Related Differences in Outcome in Patients with Aneurysmal Subarachnoid Hemorrhage. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 2067-2070.	0.7	12
77	Magnetic Resonance Imaging and Cerebral Ischemia After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2017, 48, 239-245.	1.0	12
78	Comparative Ultrastructural and Stereological Analyses of Unruptured and Ruptured Saccular Intracranial Aneurysms. <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, 908-916.	0.9	12
79	External Validation of the ELAPSS Score for Prediction of Unruptured Intracranial Aneurysm Growth Risk. <i>Journal of Stroke</i> , 2019, 21, 340-346.	1.4	12
80	Whole Blood Gene Expression Profiles of Patients with a Past Aneurysmal Subarachnoid Hemorrhage. <i>PLoS ONE</i> , 2015, 10, e0139352.	1.1	11
81	Comparison of Rupture Risk of Intracranial Aneurysms Between Familial and Sporadic Patients. <i>Stroke</i> , 2019, 50, 1380-1383.	1.0	11
82	Stress in Patients With (Un)ruptured Intracranial Aneurysms vs Population-Based Controls. <i>Neurosurgery</i> , 2019, 84, 1065-1071.	0.6	11
83	Prediction of Outcome Using Quantified Blood Volume in Aneurysmal SAH. <i>American Journal of Neuroradiology</i> , 2020, 41, 1015-1021.	1.2	10
84	Does the Internal Carotid Artery Attenuate Bloodâ€Flow Pulsatility in Small Vessel Disease? A 7ÂT <sc>4D</sc>â€Flow <sc>MRI</sc> Study. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 527-535.	1.9	10
85	Heritability of circle of Willis variations in families with intracranial aneurysms. <i>PLoS ONE</i> , 2018, 13, e0191974.	1.1	9
86	Difference in Aneurysm Characteristics between Patients with Familial and Sporadic Aneurysmal Subarachnoid Haemorrhage. <i>PLoS ONE</i> , 2016, 11, e0154281.	1.1	9
87	Subjective hearing impairment after subarachnoid haemorrhage: Prevalence and risk factors. <i>Journal of the Neurological Sciences</i> , 2017, 372, 184-186.	0.3	8
88	Quantification of Intracranial Aneurysm Volume Pulsation with 7T MRI. <i>American Journal of Neuroradiology</i> , 2018, 39, 713-719.	1.2	8
89	Update of the ULtra-early TRanexamic Acid after Subarachnoid Hemorrhage (ULTRA) trial: statistical analysis plan. <i>Trials</i> , 2020, 21, 199.	0.7	8
90	Long-term risk of aneurysmal subarachnoid hemorrhage after a negative aneurysm screen. <i>Neurology</i> , 2015, 84, 912-917.	1.5	7

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91	Complement C5 Antibodies for decreasing brain injury after aneurysmal Subarachnoid Haemorrhage (CLASH): study protocol for a randomised controlled phase II clinical trial. <i>Trials</i> , 2020, 21, 969.	0.7	7
92	Number of Affected Relatives, Age, Smoking, and Hypertension Prediction Score for Intracranial Aneurysms in Persons With a Family History for Subarachnoid Hemorrhage. <i>Stroke</i> , 2022, 53, 1645-1650.	1.0	7
93	Rebleeding After Aneurysmal Subarachnoid Hemorrhage in Two Centers Using Different Blood Pressure Management Strategies. <i>Frontiers in Neurology</i> , 2022, 13, 836268.	1.1	7
94	Sex-Related Clustering of Intracranial Aneurysms Within Families. <i>Stroke</i> , 2015, 46, 1107-1109.	1.0	6
95	Effects of dobutamine and phenylephrine on cerebral perfusion in patients undergoing cerebral bypass surgery: a randomised crossover trial. <i>British Journal of Anaesthesia</i> , 2020, 125, 539-547.	1.5	6
96	The course of cerebrospinal fluid parameters 20 days after aneurysmal subarachnoid hemorrhage. <i>Journal of the Neurological Sciences</i> , 2020, 415, 116899.	0.3	6
97	Computed Tomography Angiography Spot Sign, Hematoma Expansion, and Functional Outcome in Spontaneous Cerebellar Intracerebral Hemorrhage. <i>Stroke</i> , 2021, 52, 2902-2909.	1.0	6
98	Histopathology of Cerebral Microinfarcts and Microbleeds in Spontaneous Intracerebral Hemorrhage. <i>Translational Stroke Research</i> , 2023, 14, 174-184.	2.3	6
99	Trigger Factors for Spontaneous Intracerebral Hemorrhage: A Case-Crossover Study. <i>Stroke</i> , 2022, 53, 1692-1699.	1.0	6
100	Exome-chip association analysis of intracranial aneurysms. <i>Neurology</i> , 2020, 94, e481-e488.	1.5	5
101	Management decisions on unruptured intracranial aneurysms before and after implementation of the PHASES score. <i>Journal of the Neurological Sciences</i> , 2021, 422, 117319.	0.3	5
102	Rescue therapy for vasospasm following aneurysmal subarachnoid hemorrhage: a propensity score-matched analysis with machine learning. <i>Journal of Neurosurgery</i> , 2022, 136, 134-147.	0.9	5
103	Difference in Rupture Risk Between Familial and Sporadic Intracranial Aneurysms: An Individual Patient Data Meta-analysis. <i>Neurology</i> , 2021, 97, 10.1212/WNL.0000000000012885.	1.5	5
104	Unruptured intracranial aneurysms: why we must not perpetuate the impasse for another 25 years – Authors' reply. <i>Lancet Neurology</i> , The, 2014, 13, 538.	4.9	4
105	Time-dependent test characteristics of neck stiffness in patients suspected of nontraumatic subarachnoid haemorrhage. <i>Journal of the Neurological Sciences</i> , 2015, 355, 186-188.	0.3	4
106	Prognosis of cerebral cavernomas: on to treatment decisions. <i>Lancet Neurology</i> , The, 2016, 15, 129-130.	4.9	4
107	Co-prevalence of extracranial carotid aneurysms differs between European intracranial aneurysm cohorts. <i>PLoS ONE</i> , 2020, 15, e0228041.	1.1	4
108	Deferred Consent in an Acute Stroke Trial from a Patient, Proxy, and Physician Perspective: A Cross-Sectional Survey. <i>Neurocritical Care</i> , 2022, 36, 621-629.	1.2	4

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109	The initial time-course of headache in patients with spontaneous subarachnoid hemorrhage. <i>Journal of the Neurological Sciences</i> , 2017, 379, 55-57.	0.3	3
110	Exploratory study of the course of posttraumatic stress disorder after aneurysmal subarachnoid hemorrhage. <i>General Hospital Psychiatry</i> , 2018, 53, 114-118.	1.2	3
111	Concordance in Aneurysm Size at Time of Rupture in Familial Intracranial Aneurysms. <i>Stroke</i> , 2019, 50, 504-506.	1.0	3
112	Heritability of territory of ruptured and unruptured intracranial aneurysms in families. <i>PLoS ONE</i> , 2020, 15, e0236714.	1.1	3
113	Secondary Hematoma Evacuation and Outcome After Initial Conservative Approach for Patients with Cerebellar Hematoma Larger than 3Åcm. <i>Neurocritical Care</i> , 2021, 35, 680-686.	1.2	3
114	Histological Differences of the Vascular Wall Between Sites With High and Low Prevalence of Intracranial Aneurysm. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 648-654.	0.9	2
115	Spreading depolarization-modulating drugs and delayed cerebral ischemia after subarachnoid hemorrhage: A hypothesis-generating retrospective clinical study. <i>Journal of the Neurological Sciences</i> , 2016, 366, 224-228.	0.3	1
116	Recurrent Bleeding After Perimesencephalic Hemorrhage. <i>World Neurosurgery</i> , 2017, 108, 990.e17-990.e21.	0.7	1
117	A coil in the hairâ€”a case report of percutaneous coil migration. <i>Acta Neurochirurgica</i> , 2018, 160, 2397-2399.	0.9	1
118	Pulsatility Attenuation along the Carotid Siphon in Pseudoxanthoma Elasticum. <i>American Journal of Neuroradiology</i> , 2021, 42, 2030-2033.	1.2	1
119	Response to Letter Regarding Article, â€œTime-Dependent Test Characteristics of Head CT in Patients Suspected of Nontraumatic Subarachnoid Hemorrhageâ€. <i>Stroke</i> , 2012, 43, .	1.0	0
120	Preventive Antibiotics and Delayed Cerebral Ischaemia in Patients with Aneurysmal Subarachnoid Haemorrhage Admitted to the Intensive Care Unit. <i>Neurocritical Care</i> , 2016, 24, 122-127.	1.2	0