

# Joaquin Serena

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

2,471  
citations

279798

23  
h-index

214800

47  
g-index

52  
all docs

52  
docs citations

52  
times ranked

3385  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | An index to identify stroke-related vs incidental patent foramen ovale in cryptogenic stroke. <i>Neurology</i> , 2013, 81, 619-625.  | 1.1  | 468       |
| 2  | Recurrent Stroke and Massive Right-to-Left Shunt. <i>Stroke</i> , 2008, 39, 3131-3136.   | 2.0  | 178       |
| 3  | Effect of Intra-arterial Alteplase vs Placebo Following Successful Thrombectomy on Functional Outcomes in Patients With Large Vessel Occlusion Acute Ischemic Stroke. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 826.  | 7.4  | 132       |
| 4  | Validation of housekeeping genes for quantitative real-time PCR in in-vivo and in-vitro models of cerebral ischaemia. <i>BMC Molecular Biology</i> , 2009, 10, 57.   | 3.0  | 114       |
| 5  | REVASCAT: A Randomized Trial of Revascularization with Solitaire FRÂ® Device vs. Best Medical Therapy in the Treatment of Acute Stroke Due to Anterior Circulation Large Vessel Occlusion Presenting within Eight-Hours of Symptom Onset. <i>International Journal of Stroke</i> , 2015, 10, 619-626.          | 5.9  | 113       |
| 6  | Blood Biomarkers for the Early Diagnosis of Stroke. <i>Stroke</i> , 2017, 48, 2419-2425.   | 2.0  | 107       |
| 7  | Recurrent stroke predictors differ in medically treated patients with pathogenic vs other PFOs. <i>Neurology</i> , 2014, 83, 221-226.  | 1.1  | 103       |
| 8  | Does Impaired Cerebrovascular Reactivity Predict Stroke Risk in Asymptomatic Carotid Stenosis?. <i>Stroke</i> , 2011, 42, 1550-1555.   | 2.0  | 95        |
| 9  | Effect of Direct Transportation to Thrombectomy-Capable Center vs Local Stroke Center on Neurological Outcomes in Patients With Suspected Large-Vessel Occlusion Stroke in Nonurban Areas. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 1782.  | 7.4  | 86        |
| 10 | Extending the time window for intravenous thrombolysis in acute ischemic stroke using magnetic resonance imaging-based patient selection. <i>International Journal of Stroke</i> , 2019, 14, 483-490.  | 5.9  | 82        |
| 11 | Microbiota alterations in proline metabolism impact depression. <i>Cell Metabolism</i> , 2022, 34, 681-701.e10.  | 16.2 | 77        |
| 12 | A Mouse Model of Hemorrhagic Transformation by Delayed Tissue Plasminogen Activator Administration After In Situ Thromboembolic Stroke. <i>Stroke</i> , 2011, 42, 196-203.   | 2.0  | 74        |
| 13 | Safety and efficacy of thrombectomy in acute ischaemic stroke (REVASCAT): 1-year follow-up of a randomised open-label trial. <i>Lancet Neurology</i> , The, 2017, 16, 369-376.   | 10.2 | 74        |
| 14 | Transfer to the Local Stroke Center versus Direct Transfer to Endovascular Center of Acute Stroke Patients with Suspected Large Vessel Occlusion in the Catalan Territory (RACECAT): Study protocol of a cluster randomized within a cohort trial. <i>International Journal of Stroke</i> , 2019, 14, 734-744. | 5.9  | 63        |
| 15 | Resting-State Functional Connectivity Magnetic Resonance Imaging and Outcome After Acute Stroke. <i>Stroke</i> , 2018, 49, 2353-2360.  | 2.0  | 61        |
| 16 | Outcomes of a Contemporary Cohort of 536 Consecutive Patients With Acute Ischemic Stroke Treated With Endovascular Therapy. <i>Stroke</i> , 2014, 45, 1046-1052.   | 2.0  | 60        |
| 17 | Transesophageal Echocardiography in Cryptogenic Stroke and Patent Foramen Ovale. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 125-131.  | 2.6  | 58        |
| 18 | Access to Endovascular Treatment in Remote Areas. <i>Stroke</i> , 2016, 47, 1381-1384.   | 2.0  | 48        |

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|----|---|------|-----------|
| 19 | Revalidation of the RACE scale after its regional implementation in Catalonia: a triage tool for large vessel occlusion. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 751-756.           | 3.3  | 48        |
| 20 | Impact of COVID-19 Infection on the Outcome of Patients With Ischemic Stroke. <i>Stroke</i> , 2021, 52, 3908-3917.  | 2.0  | 35        |
| 21 | The RoPE Score and Right-to-Left Shunt Severity by Transcranial Doppler in the CODICIA Study. <i>Cerebrovascular Diseases</i> , 2015, 40, 52-58.  | 1.7  | 31        |
| 22 | Obesity-associated deficits in inhibitory control are phenocopied to mice through gut microbiota changes in one-carbon and aromatic amino acids metabolic pathways. <i>Gut</i> , 2021, 70, 2283-2296. | 12.1 | 31        |
| 23 | Age- and Sex-Specific Risk Profiles and In-Hospital Mortality in 13,932 Spanish Stroke Patients. <i>Cerebrovascular Diseases</i> , 2019, 47, 151-164.   | 1.7  | 30        |
| 24 | Whole-Brain Dynamics in Aging: Disruptions in Functional Connectivity and the Role of the Rich Club. <i>Cerebral Cortex</i> , 2021, 31, 2466-2481.  | 2.9  | 29        |
| 25 | D-Dimer as Predictor of Large Vessel Occlusion in Acute Ischemic Stroke. <i>Stroke</i> , 2021, 52, 852-858.   | 2.0  | 25        |
| 26 | The impact of post-stroke complications on in-hospital mortality depends on stroke severity. <i>European Stroke Journal</i> , 2017, 2, 54-63.   | 5.5  | 24        |
| 27 | The ARTICO study: identification of patients at high risk of vascular recurrence after a first non-cardioembolic stroke. <i>BMC Neurology</i> , 2015, 15, 28.   | 1.8  | 21        |
| 28 | Telestroke in Catalonia: Increasing Thrombolysis Rate and Avoiding Interhospital Transfers. <i>Cerebrovascular Diseases</i> , 2018, 46, 66-71.  | 1.7  | 19        |
| 29 | Low Levels of Caveolin-1 Predict Symptomatic Bleeding After Thrombolytic Therapy in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2018, 49, 1525-1527.   | 2.0  | 18        |
| 30 | The Aging Imageomics Study: rationale, design and baseline characteristics of the study population. <i>Mechanisms of Ageing and Development</i> , 2020, 189, 111257.                                  | 4.6  | 18        |
| 31 | Blood Biomarker Panels for the Early Prediction of Stroke-Associated Complications. <i>Journal of the American Heart Association</i> , 2021, 10, e018946.   | 3.7  | 17        |
| 32 | Phone and Video-Based Modalities of Central Blinded Adjudication of Modified Rankin Scores in an Endovascular Stroke Trial. <i>Stroke</i> , 2015, 46, 3405-3410.                                      | 2.0  | 16        |
| 33 | Evaluation of common housekeeping proteins under ischemic conditions and/or rt-PA treatment in bEnd.3 cells. <i>Journal of Proteomics</i> , 2018, 184, 10-15.   | 2.4  | 14        |
| 34 | Predicting Motor Outcome in Acute Intracerebral Hemorrhage. <i>American Journal of Neuroradiology</i> , 2019, 40, 769-775.  | 2.4  | 14        |
| 35 | Outcome Assessment by Central Adjudicators Versus Site Investigators in Stroke Trials. <i>Stroke</i> , 2019, 50, 2187-2196.   | 2.0  | 13        |
| 36 | Clinical Parameters and Epigenetic Biomarkers of Plaque Vulnerability in Patients with Carotid Stenosis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5149.                         | 4.1  | 10        |

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|----|--|-----|-----------|
| 37 | Reasons for Not Performing Mechanical Thrombectomy: A Population-Based Study of Stroke Codes. <i>Stroke</i> , 2021, 52, 2746-2753.   | 2.0 | 9         |
| 38 | Clinical improvement within 24 hours from mechanical thrombectomy as a predictor of long-term functional outcome in a multicenter population-based cohort of patients with ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 119-123. | 3.3 | 8         |
| 39 | The effect of external stimulation on functional networks in the aging healthy human brain. <i>Cerebral Cortex</i> , 2022, 33, 235-245.  | 2.9 | 8         |
| 40 | Determinants of antithrombotic choice for patent foramen ovale in cryptogenic stroke. <i>Neurology</i> , 2014, 83, 1954-1957.  | 1.1 | 7         |
| 41 | Epidemiology of Intracranial Hemorrhage Associated with Oral Anticoagulants in Spain: Trends in Anticoagulation Complications Registry – The TAC 2 Study. <i>Interventional Neurology</i> , 2018, 7, 284-295.  | 1.8 | 6         |
| 42 | Outcome assessment by central adjudicators in randomised stroke trials: Simulation of differential and non-differential misclassification. <i>European Stroke Journal</i> , 2020, 5, 174-183.  | 5.5 | 6         |
| 43 | Cav-1 Protein Levels in Serum and Infarcted Brain Correlate with Hemorrhagic Volume in a Mouse Model of Thromboembolic Stroke, Independently of rt-PA Administration. <i>Molecular Neurobiology</i> , 2022, 59, 1320-1332.                                     | 4.0 | 5         |
| 44 | Evaluation of long-term rt-PA effects on bEnd.3 endothelial cells under ischemic conditions; changes in ZO-1 expression and glycosylation of the bradykinin B2 receptor. <i>Thrombosis Research</i> , 2020, 187, 1-8.  | 1.7 | 4         |
| 45 | Influence of Hospital Type on Outcomes of Individuals Aged 80 and Older with Stroke Treated Using Intravenous Thrombolysis. <i>Journal of the American Geriatrics Society</i> , 2017, 65, E117-E122.   | 2.6 | 4         |
| 46 | Prevalence of the Frank's sign by aetiopathogenic stroke subtype: A prospective analysis. <i>PLoS ONE</i> , 2021, 16, e0261080.  | 2.5 | 4         |
| 47 | The Role of Vascular Imaging at Referral Centers in the Drip and Ship Paradigm. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106209.  | 1.6 | 2         |
| 48 | Serotonin Reuptake Inhibitor Drugs Are Associated with Contrast Extravasation and Clinical Outcome in Patients with Intracerebral Haemorrhage. <i>European Neurology</i> , 2019, 81, 254-261.  | 1.4 | 0         |
| 49 | Intracranial Hemorrhage Secondary to a Delayed Cerebral Pseudoaneurysm Rupture 18 Years after Cranial Trauma. <i>Case Reports in Neurology</i> , 2020, 11, 325-329.  | 0.7 | 0         |