

# Sargo Aalto

## 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.

|                   |                         |                |                |
|-------------------|-------------------------|----------------|----------------|
| 71<br>papers      | 5,159<br>citations      | 41<br>h-index  | 71<br>g-index  |
| 73<br>ext. papers | 5,644<br>ext. citations | 5.4<br>avg, IF | 4.7<br>L-index |

| #  | Paper  | IF  | Citations |
|----|--|-----|-----------|
| 71 | Intravenous ethanol increases dopamine release in the ventral striatum in humans: PET study using bolus-plus-infusion administration of [(11)C]raclopride. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2015</b> , 35, 424-31                           | 7.3 | 28        |
| 70 | Returning from oblivion: imaging the neural core of consciousness. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 4935-43  | 6.6 | 169       |
| 69 | Striatal $\mu$ -opioid receptor availability predicts cold pressor pain threshold in healthy human subjects. <i>Neuroscience Letters</i> , <b>2012</b> , 521, 11-4   | 3.3 | 22        |
| 68 | Cognitive decline and amyloid accumulation in patients with mild cognitive impairment. <i>Dementia and Geriatric Cognitive Disorders</i> , <b>2012</b> , 34, 31-7  | 2.6 | 9         |
| 67 | Delta entropy of heart rate variability along with deepening anesthesia. <i>Anesthesia and Analgesia</i> , <b>2011</b> , 112, 587-92   | 3.9 | 8         |
| 66 | Reproducibility of striatal and thalamic dopamine D2 receptor binding using [11C]raclopride with high-resolution positron emission tomography. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2011</b> , 31, 155-65                                       | 7.3 | 30        |
| 65 | Amyloid PET imaging in patients with mild cognitive impairment: a 2-year follow-up study. <i>Neurology</i> , <b>2011</b> , 76, 1085-90   | 6.5 | 150       |
| 64 | Early detection of Alzheimer disease: $^{11}\text{C}$ -PiB PET in twins discordant for cognitive impairment. <i>Neurology</i> , <b>2011</b> , 77, 453-60   | 6.5 | 18        |
| 63 | Effects of antidepressant drug treatment and psychotherapy on striatal and thalamic dopamine D2/3 receptors in major depressive disorder studied with [11C]raclopride PET. <i>Journal of Psychopharmacology</i> , <b>2011</b> , 25, 1329-36                          | 4.6 | 28        |
| 62 | Research letter: Psychotherapy increases brain serotonin 5-HT <sub>1A</sub> receptors in patients with major depressive disorder. <i>Psychological Medicine</i> , <b>2010</b> , 40, 523-8  | 6.9 | 77        |
| 61 | [(11)C]PiB-, [(18)F]FDG-PET and MRI imaging in patients with Parkinson's disease with and without dementia. <i>Parkinsonism and Related Disorders</i> , <b>2010</b> , 16, 666-70   | 3.6 | 62        |
| 60 | Visual assessment of [(11)C]PiB PET in patients with cognitive impairment. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2010</b> , 37, 1141-7  | 8.8 | 26        |
| 59 | Voxel-based analysis of cerebral glucose metabolism in mono- and dizygotic twins discordant for Alzheimer disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2009</b> , 80, 259-66   | 5.5 | 7         |
| 58 | The effects of lorazepam on extrastriatal dopamine D(2/3)-receptors-A double-blind randomized placebo-controlled PET study. <i>Psychiatry Research - Neuroimaging</i> , <b>2009</b> , 174, 130-7   | 2.9 | 7         |
| 57 | A follow-up study on 6-[18F]fluoro-L-dopa uptake in early Parkinson's disease shows nonlinear progression in the putamen. <i>Movement Disorders</i> , <b>2009</b> , 24, 1009-15  | 7   | 55        |
| 56 | Measurement of central $\mu$ -opioid receptor binding in vivo with PET and [11C]carfentanil: a test-retest study in healthy subjects. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2009</b> , 36, 275-86                                   | 8.8 | 55        |
| 55 | The effects of d-amphetamine on extrastriatal dopamine D2/D3 receptors: a randomized, double-blind, placebo-controlled PET study with [11C]FLB 457 in healthy subjects. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2009</b> , 36, 475-83 | 8.8 | 31        |

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|----|--|------|-----|
| 54 | Reproducibility of automated simplified voxel-based analysis of PET amyloid ligand [11C]PIB uptake using 30-min scanning data. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2009</b> , 36, 1651-60   | 8.8  | 22  |
| 53 | Impaired cognitive performance in Parkinson[s disease is related to caudate dopaminergic hypofunction and hippocampal atrophy. <i>Parkinsonism and Related Disorders</i> , <b>2009</b> , 15, 88-93                             | 3.6  | 128 |
| 52 | Follow-up of [11C]PIB uptake and brain volume in patients with Alzheimer disease and controls. <i>Neurology</i> , <b>2009</b> , 73, 1186-92  | 6.5  | 102 |
| 51 | The effects of xenon anesthesia on the relationship between cerebral glucose metabolism and blood flow in healthy subjects: a positron emission tomography study. <i>Anesthesia and Analgesia</i> , <b>2009</b> , 108, 593-600 | 3.9  | 19  |
| 50 | Short-term psychodynamic psychotherapy and fluoxetine in major depressive disorder: a randomized comparative study. <i>Psychotherapy and Psychosomatics</i> , <b>2008</b> , 77, 351-7  | 9.4  | 62  |
| 49 | Measurement of GABAA receptor binding in vivo with [11C]flumazenil: a test-retest study in healthy subjects. <i>NeuroImage</i> , <b>2008</b> , 41, 260-9   | 7.9  | 34  |
| 48 | PET amyloid ligand [11C]PIB uptake and cerebrospinal fluid beta-amyloid in mild cognitive impairment. <i>Dementia and Geriatric Cognitive Disorders</i> , <b>2008</b> , 26, 378-83   | 2.6  | 84  |
| 47 | PET amyloid ligand [11C]PIB uptake shows predominantly striatal increase in variant Alzheimer[s disease. <i>Brain</i> , <b>2008</b> , 131, 1845-53   | 11.2 | 99  |
| 46 | Xenon does not affect gamma-aminobutyric acid type A receptor binding in humans. <i>Anesthesia and Analgesia</i> , <b>2008</b> , 106, 129-34, table of contents  | 3.9  | 27  |
| 45 | Carbon 11-labeled pittsburgh compound B positron emission tomographic amyloid imaging in patients with APP locus duplication. <i>Archives of Neurology</i> , <b>2008</b> , 65, 540-4   |      | 59  |
| 44 | Posterior cortical atrophy: a rare form of dementia with in vivo evidence of amyloid-beta accumulation. <i>Journal of Alzheimer[s Disease</i> , <b>2008</b> , 15, 351-5  | 4.3  | 31  |
| 43 | Cognitive reserve hypothesis: Pittsburgh Compound B and fluorodeoxyglucose positron emission tomography in relation to education in mild Alzheimer[s disease. <i>Annals of Neurology</i> , <b>2008</b> , 63, 112-8             | 9.4  | 184 |
| 42 | Different cerebral cortical areas influence the effect of subthalamic nucleus stimulation on parkinsonian motor deficits and freezing of gait. <i>Movement Disorders</i> , <b>2007</b> , 22, 2176-82                           | 7    | 32  |
| 41 | Dopamine D2/D3 receptor binding in the anterior cingulate cortex and executive functioning. <i>Psychiatry Research - Neuroimaging</i> , <b>2007</b> , 156, 69-74   | 2.9  | 42  |
| 40 | PET amyloid ligand [11C]PIB uptake is increased in mild cognitive impairment. <i>Neurology</i> , <b>2007</b> , 68, 1603-6  |      | 266 |
| 39 | Effects of xenon anesthesia on cerebral blood flow in humans: a positron emission tomography study. <i>Anesthesiology</i> , <b>2007</b> , 106, 1128-33   | 4.3  | 46  |
| 38 | Striatal dopamine D1 and D2 receptor balance in twins at increased genetic risk for schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , <b>2006</b> , 146, 13-20  | 2.9  | 27  |
| 37 | Striatal subregional 6-[18F]fluoro-L-dopa uptake in early Parkinson[s disease: a two-year follow-up study. <i>Movement Disorders</i> , <b>2006</b> , 21, 958-63  | 7    | 72  |

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|----|---|------|-----|
| 36 | Voxel-based analysis of PET amyloid ligand [11C]PIB uptake in Alzheimer disease. <i>Neurology</i> , <b>2006</b> , 67, 1575-80   | 6.5  | 185 |
| 35 | Brain dopamine d1 receptors in twins discordant for schizophrenia. <i>American Journal of Psychiatry</i> , <b>2006</b> , 163, 1747-53   | 11.9 | 62  |
| 34 | Mobile phone affects cerebral blood flow in humans. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2006</b> , 26, 885-90   | 7.3  | 102 |
| 33 | Regression analysis utilizing subjective evaluation of emotional experience in PET studies on emotions. <i>Brain Research Protocols</i> , <b>2005</b> , 15, 142-54  |      | 8   |
| 32 | Cortical 6-[18F]fluoro-L-dopa uptake and frontal cognitive functions in early Parkinson[s disease. <i>Neurobiology of Aging</i> , <b>2005</b> , 26, 891-8   | 5.6  | 98  |
| 31 | Subanesthetic ketamine does not affect 11C-flumazenil binding in humans. <i>Anesthesia and Analgesia</i> , <b>2005</b> , 101, 722-725   | 3.9  | 20  |
| 30 | Increased caudate dopamine D2 receptor availability as a genetic marker for schizophrenia. <i>Archives of General Psychiatry</i> , <b>2005</b> , 62, 371-8  |      | 127 |
| 29 | S-ketamine anesthesia increases cerebral blood flow in excess of the metabolic needs in humans. <i>Anesthesiology</i> , <b>2005</b> , 103, 258-68   | 4.3  | 109 |
| 28 | Correlation of EEG spectral entropy with regional cerebral blood flow during sevoflurane and propofol anaesthesia. <i>Anaesthesia</i> , <b>2005</b> , 60, 862-9   | 6.6  | 25  |
| 27 | High intensity exercise decreases global brain glucose uptake in humans. <i>Journal of Physiology</i> , <b>2005</b> , 568, 323-32   | 3.9  | 124 |
| 26 | Cortical glutamate-dopamine interaction and ketamine-induced psychotic symptoms in man. <i>Psychopharmacology</i> , <b>2005</b> , 182, 375-83   | 4.7  | 74  |
| 25 | Prolonged central mu-opioid receptor occupancy after single and repeated nalmefene dosing. <i>Neuropsychopharmacology</i> , <b>2005</b> , 30, 2245-53   | 8.7  | 66  |
| 24 | The worried young adult as a primary care patient. <i>Family Practice</i> , <b>2005</b> , 22, 406-11  | 1.9  | 12  |
| 23 | Frontal and temporal dopamine release during working memory and attention tasks in healthy humans: a positron emission tomography study using the high-affinity dopamine D2 receptor ligand [11C]FLB 457. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 2471-7 | 6.6  | 234 |
| 22 | Effects of fluoxetine on dopamine D2 receptors in the human brain: a positron emission tomography study with [11C]raclopride. <i>International Journal of Neuropsychopharmacology</i> , <b>2004</b> , 7, 431-9  | 5.8  | 27  |
| 21 | Expectation of caffeine induces dopaminergic responses in humans. <i>European Journal of Neuroscience</i> , <b>2004</b> , 19, 2352-6  | 3.5  | 97  |
| 20 | Volumes of the caudate nuclei in women with somatization disorder and healthy women. <i>Psychiatry Research - Neuroimaging</i> , <b>2004</b> , 131, 71-8  | 2.9  | 35  |
| 19 | Insular dopamine D2 receptors and novelty seeking personality in Parkinson[s disease. <i>Movement Disorders</i> , <b>2004</b> , 19, 1348-51   | 7    | 46  |

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|----|---|-----|-----|
| 18 | Alfentanil increases cortical dopamine D2/D3 receptor binding in healthy subjects. <i>Pain</i> , <b>2004</b> , 109, 86-93   | 3.3 | 29  |
| 17 | Sevoflurane and propofol increase 11C-flumazenil binding to gamma-aminobutyric acidA receptors in humans. <i>Anesthesia and Analgesia</i> , <b>2004</b> , 99, 1420-1426                                   | 3.9 | 40  |
| 16 | Increased presynaptic dopamine function in Asperger syndrome. <i>NeuroReport</i> , <b>2004</b> , 15, 757-60   | 1.7 | 30  |
| 15 | Effects of subanesthetic ketamine on regional cerebral glucose metabolism in humans. <i>Anesthesiology</i> , <b>2004</b> , 100, 1065-71   | 4.3 | 92  |
| 14 | Dopaminergic effects of caffeine in the human striatum and thalamus. <i>NeuroReport</i> , <b>2004</b> , 15, 281-5   | 1.7 | 46  |
| 13 | Effects of sevoflurane, propofol, and adjunct nitrous oxide on regional cerebral blood flow, oxygen consumption, and blood volume in humans. <i>Anesthesiology</i> , <b>2003</b> , 99, 603-13             | 4.3 | 286 |
| 12 | Effects of a 902 MHz mobile phone on cerebral blood flow in humans: a PET study. <i>NeuroReport</i> , <b>2003</b> , 14, 2019-23   | 1.7 | 69  |
| 11 | Effects of subanesthetic doses of ketamine on regional cerebral blood flow, oxygen consumption, and blood volume in humans. <i>Anesthesiology</i> , <b>2003</b> , 99, 614-23                              | 4.3 | 167 |
| 10 | Changes in cerebral blood flow in Asperger syndrome during theory of mind tasks presented by the auditory route. <i>European Child and Adolescent Psychiatry</i> , <b>2003</b> , 12, 178-89               | 5.5 | 46  |
| 9  | Extrastriatal dopamine D(2) receptors in Parkinson[s disease: a longitudinal study. <i>Journal of Neural Transmission</i> , <b>2003</b> , 110, 591-601  | 4.3 | 51  |
| 8  | Striatal dopamine D1 and D2 receptors in burning mouth syndrome. <i>Pain</i> , <b>2003</b> , 101, 149-54  | 8   | 186 |
| 7  | Altered dopamine D2 receptor binding in atypical facial pain. <i>Pain</i> , <b>2003</b> , 106, 43-8   | 8   | 152 |
| 6  | Ketamine does not decrease striatal dopamine D2 receptor binding in man. <i>Psychopharmacology</i> , <b>2002</b> , 164, 401-6   | 4.7 | 58  |
| 5  | Cognitive functioning in severe somatization--a pilot study. <i>Acta Psychiatrica Scandinavica</i> , <b>2002</b> , 106, 461-3   | 6.5 | 25  |
| 4  | Severe somatization in women is associated with altered cerebral glucose metabolism. <i>Psychological Medicine</i> , <b>2002</b> , 32, 1379-85  | 6.9 | 29  |
| 3  | Effects of surgical levels of propofol and sevoflurane anesthesia on cerebral blood flow in healthy subjects studied with positron emission tomography. <i>Anesthesiology</i> , <b>2002</b> , 96, 1358-70 | 4.3 | 217 |
| 2  | Neuroanatomical substrata of amusement and sadness: a PET activation study using film stimuli. <i>NeuroReport</i> , <b>2002</b> , 13, 67-73   | 1.7 | 65  |
| 1  | Neuroanatomical correlates of film induced disgust: A pet activation study. <i>NeuroImage</i> , <b>2001</b> , 13, 376   | 7.9 | 2   |

