

Tim Shallice

List of Publications by Year in descending order

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Version: 2024-02-01

118
papers

19,890
citations

36203

51
h-index

20900

115
g-index

121
all docs

121
docs citations

121
times ranked

10448
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Attention to Action. , 1986, , 1-18. | | 1,923 |
| 2 | DEFICITS IN STRATEGY APPLICATION FOLLOWING FRONTAL LOBE DAMAGE IN MAN. Brain, 1991, 114, 727-741. | 3.7 | 1,776 |
| 3 | Human cingulate cortex and autonomic control: converging neuroimaging and clinical evidence. Brain, 2003, 126, 2139-2152. | 3.7 | 1,051 |
| 4 | Deep dyslexia: A case study of connectionist neuropsychology. Cognitive Neuropsychology, 1993, 10, 377-500. | 0.4 | 821 |
| 5 | Lesioning an attractor network: Investigations of acquired dyslexia.. Psychological Review, 1991, 98, 74-95. | 2.7 | 778 |
| 6 | Response suppression, initiation and strategy use following frontal lobe lesions. Neuropsychologia, 1996, 34, 263-272. | 0.7 | 728 |
| 7 | The Involvement of the Frontal Lobes in Cognitive Estimation. Cortex, 1978, 14, 294-303. | 1.1 | 640 |
| 8 | The cognitive and neuroanatomical correlates of multitasking. Neuropsychologia, 2000, 38, 848-863. | 0.7 | 605 |
| 9 | WORD-FORM DYSLEXIA. Brain, 1980, 103, 99-112. | 3.7 | 484 |
| 10 | CONTENTION SCHEDULING AND THE CONTROL OF ROUTINE ACTIVITIES. Cognitive Neuropsychology, 2000, 17, 297-338. | 0.4 | 415 |
| 11 | Dual functions of consciousness.. Psychological Review, 1972, 79, 383-393. | 2.7 | 402 |
| 12 | SEMANTIC ACCESS DYSLEXIA. Brain, 1979, 102, 43-63. | 3.7 | 314 |
| 13 | PHONOLOGICAL AGRAPHIA AND THE LEXICAL ROUTE IN WRITING. Brain, 1981, 104, 413-429. | 3.7 | 305 |
| 14 | Task Switching: A PDP Model. Cognitive Psychology, 2002, 44, 297-337. | 0.9 | 305 |
| 15 | Multiple frontal systems controlling response speed. Neuropsychologia, 2005, 43, 396-417. | 0.7 | 282 |
| 16 | THE ORIGINS OF UTILIZATION BEHAVIOUR. Brain, 1989, 112, 1587-1598. | 3.7 | 276 |
| 17 | Case study approach in neuropsychological research. Journal of Clinical Neuropsychology, 1979, 1, 183-211. | 1.2 | 264 |
| 18 | Reading without Semantics. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 1983, 35, 111-138. | 2.3 | 253 |

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|----|---|-----|-----------|
| 19 | Executive Function Profile of Children With Attention Deficit Hyperactivity Disorder. <i>Developmental Neuropsychology</i> , 2002, 21, 43-71. | 1.0 | 253 |
| 20 | Bizarre Responses, Rule Detection and Frontal Lobe Lesions. <i>Cortex</i> , 1996, 32, 241-259. | 1.1 | 241 |
| 21 | Word Recognition in a Phonemic Dyslexic Patient. <i>The Quarterly Journal of Experimental Psychology</i> , 1975, 27, 187-199. | 1.2 | 240 |
| 22 | Hierarchical schemas and goals in the control of sequential behavior.. <i>Psychological Review</i> , 2006, 113, 887-916. | 2.7 | 229 |
| 23 | Lexical processing in the absence of explicit word identification: Evidence from a letter-by-letter Reader. <i>Cognitive Neuropsychology</i> , 1986, 3, 429-458. | 0.4 | 207 |
| 24 | Long-term retrograde amnesia – the crucial role of the hippocampus. <i>Neuropsychologia</i> , 2001, 39, 151-172. | 0.7 | 192 |
| 25 | Specialisation within the semantic system. <i>Cognitive Neuropsychology</i> , 1988, 5, 133-142. | 0.4 | 190 |
| 26 | Neural basis of pantomiming the use of visually presented objects. <i>NeuroImage</i> , 2004, 21, 1224-1231. | 2.1 | 182 |
| 27 | A Form of Ideational Apraxia as a Defective Deficit of Contention Scheduling. <i>Cognitive Neuropsychology</i> , 2001, 18, 617-642. | 0.4 | 156 |
| 28 | Introspective physicalism as an approach to the science of consciousness. <i>Cognition</i> , 2001, 79, 161-196. | 1.1 | 143 |
| 29 | Perseverative and Semantic Influences on Visual Object Naming Errors in Optic Aphasia: A Connectionist Account. <i>Journal of Cognitive Neuroscience</i> , 1993, 5, 89-117. | 1.1 | 140 |
| 30 | THE SELECTIVE IMPAIRMENT OF THE PHONOLOGICAL OUTPUT BUFFER. <i>Cognitive Neuropsychology</i> , 2000, 17, 517-546. | 0.4 | 111 |
| 31 | Cortical bases of elementary deductive reasoning: Inference, memory, and metaduction. <i>Neuropsychologia</i> , 2009, 47, 1107-1116. | 0.7 | 107 |
| 32 | Principles of From neuropsychology to mental structure. <i>Behavioral and Brain Sciences</i> , 1991, 14, 429-438. | 0.4 | 104 |
| 33 | Recollection and familiarity in dense hippocampal amnesia: A case study. <i>Neuropsychologia</i> , 2006, 44, 489-506. | 0.7 | 102 |
| 34 | A failure of high level verbal response selection in progressive dynamic aphasia. <i>Cognitive Neuropsychology</i> , 2005, 22, 661-694. | 0.4 | 96 |
| 35 | NEUROLOGICAL IMPAIRMENT OF COGNITIVE PROCESSES. <i>British Medical Bulletin</i> , 1981, 37, 187-192. | 2.7 | 95 |
| 36 | The Dominant Action System: An Information-Processing Approach to Consciousness. , 1978, , 117-157. | | 91 |

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|----|---|-----|-----------|
| 37 | Impact of brain tumour location on emotion and personality: a voxel-based lesion-symptom mapping study on mentalization processes. <i>Brain</i> , 2014, 137, 2532-2545. | 3.7 | 90 |
| 38 | Inhibition processes are dissociable and lateralized in human prefrontal cortex. <i>Neuropsychologia</i> , 2016, 93, 1-12. | 0.7 | 90 |
| 39 | Specific impairments of rule induction in different frontal lobe subgroups. <i>Neuropsychologia</i> , 2005, 43, 460-472. | 0.7 | 86 |
| 40 | Mapping task switching in frontal cortex through neuropsychological group studies. <i>Frontiers in Neuroscience</i> , 2008, 2, 79-85. | 1.4 | 85 |
| 41 | Verbal suppression and strategy use: a role for the right lateral prefrontal cortex?. <i>Brain</i> , 2015, 138, 1084-1096. | 3.7 | 79 |
| 42 | Supervisory and Routine Processes in Noun and Verb Generation in Nondemented Patients with Parkinson's Disease. <i>Neuropsychologia</i> , 2008, 46, 434-447. | 0.7 | 77 |
| 43 | Dynamic aphasia in progressive supranuclear palsy: A deficit in generating a fluent sequence of novel thought. <i>Neuropsychologia</i> , 2006, 44, 1344-1360. | 0.7 | 76 |
| 44 | Phonological mediation and the graphemic buffer disorder in spelling: cross-language differences?. <i>Cognition</i> , 1996, 59, 169-197. | 1.1 | 73 |
| 45 | When Living Things and Other "Sensory Quality" Categories Behave in the Same Fashion: a Novel Category Specificity Effect.. <i>Neurocase</i> , 2001, 7, 201-220. | 0.2 | 66 |
| 46 | Mechanisms of Rule Acquisition and Rule Following in Inductive Reasoning. <i>Journal of Neuroscience</i> , 2011, 31, 7763-7774. | 1.7 | 66 |
| 47 | Multiple semantics: Whose confusions?. <i>Cognitive Neuropsychology</i> , 1993, 10, 251-261. | 0.4 | 65 |
| 48 | Pure alexia: A nonspatial visual disorder affecting letter activation. <i>Cognitive Neuropsychology</i> , 1995, 12, 409-454. | 0.4 | 64 |
| 49 | Fractionation of memory in medial temporal lobe amnesia. <i>Neuropsychologia</i> , 2007, 45, 1160-1171. | 0.7 | 62 |
| 50 | On the emergence of modern humans. <i>Cognition</i> , 2007, 103, 358-385. | 1.1 | 60 |
| 51 | CONFABULATION WITH A SELECTIVE DESCRIPTOR PROCESS IMPAIRMENT. <i>Cognitive Neuropsychology</i> , 1999, 16, 215-242. | 0.4 | 59 |
| 52 | Is there a semantic system for abstract words?. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 175. | 1.0 | 56 |
| 53 | Preserved semantic access in neglect dyslexia. <i>Neuropsychologia</i> , 1997, 35, 257-270. | 0.7 | 51 |
| 54 | The Prefrontal Cortex and Neurological Impairments of Active Thought. <i>Annual Review of Psychology</i> , 2018, 69, 157-180. | 9.9 | 49 |

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|----|---|-----|-----------|
| 55 | The simulation of action disorganisation in complex activities of daily living. <i>Cognitive Neuropsychology</i> , 2005, 22, 959-1004. | 0.4 | 48 |
| 56 | Semantic access dysphasia resulting from left temporal lobe tumours. <i>Brain</i> , 2009, 132, 87-102. | 3.7 | 48 |
| 57 | Acute effects of surgery on emotion and personality of brain tumor patients: surgery impact, histological aspects, and recovery. <i>Neuro-Oncology</i> , 2015, 17, 1121-1131. | 0.6 | 47 |
| 58 | Functional anatomy of temporal organisation and domain-specificity of episodic memory retrieval. <i>Neuropsychologia</i> , 2012, 50, 2943-2955. | 0.7 | 45 |
| 59 | Correction and suppression of reaching movements in the cerebral cortex: Physiological and neuropsychological aspects. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 42, 232-251. | 2.9 | 43 |
| 60 | Can neuropsychological evidence inform connectionist modelling? Analyses of spelling. <i>Language and Cognitive Processes</i> , 1995, 10, 195-225. | 2.3 | 42 |
| 61 | Action Sequencing Deficit Following Frontal Lobe Lesion. <i>Neurocase</i> , 2002, 8, 88-99. | 0.2 | 42 |
| 62 | Functional imaging and neuropsychology findings: how can they be linked?. <i>NeuroImage</i> , 2003, 20, S146-S154. | 2.1 | 42 |
| 63 | Right posterior cortical functions in a tumour patient series. <i>Cortex</i> , 2010, 46, 1178-1188. | 1.1 | 41 |
| 64 | Soar and the case for unified theories of cognition. <i>Cognition</i> , 1995, 55, 115-149. | 1.1 | 40 |
| 65 | Social and emotional functions in three patients with medial frontal lobe damage including the anterior cingulate cortex. <i>Cognitive Neuropsychiatry</i> , 2006, 11, 369-388. | 0.7 | 40 |
| 66 | The impact of different aetiologies on the cognitive performance of frontal patients. <i>Neuropsychologia</i> , 2015, 68, 21-30. | 0.7 | 40 |
| 67 | Cognitive neuropsychology and rehabilitation: Is pessimism justified?. <i>Neuropsychological Rehabilitation</i> , 2000, 10, 209-217. | 1.0 | 39 |
| 68 | Qualitatively different forms of pure alexia. <i>Cognitive Neuropsychology</i> , 2007, 24, 393-418. | 0.4 | 38 |
| 69 | Limitations of the Trail Making Test Part-B in Assessing Frontal Executive Dysfunction. <i>Journal of the International Neuropsychological Society</i> , 2015, 21, 169-174. | 1.2 | 38 |
| 70 | What's in a name? The characterization of pure alexia. <i>Cognitive Neuropsychology</i> , 2014, 31, 367-377. | 0.4 | 35 |
| 71 | Cognitive reserve and cognitive performance of patients with focal frontal lesions. <i>Neuropsychologia</i> , 2017, 96, 19-28. | 0.7 | 35 |
| 72 | Impairments of auditory-verbal short-term memory: Do selective deficits of the input phonological buffer exist?. <i>Cortex</i> , 2019, 112, 107-121. | 1.1 | 34 |

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|----|---|-----|-----------|
| 73 | Multiple effects of prefrontal lesions on task-switching. <i>Frontiers in Human Neuroscience</i> , 2007, 1, 2. | 1.0 | 33 |
| 74 | Towards a unified process model for graphemic buffer disorder and deep dysgraphia. <i>Cognitive Neuropsychology</i> , 2006, 23, 479-512. | 0.4 | 31 |
| 75 | Fluency and rule breaking behaviour in the frontal cortex. <i>Neuropsychologia</i> , 2020, 137, 107308. | 0.7 | 31 |
| 76 | CATEGORY SPECIFICITY AND FEATURE KNOWLEDGE:EVIDENCE FROM NEW SENSORY-QUALITY CATEGORIES. <i>Cognitive Neuropsychology</i> , 2003, 20, 327-353. | 0.4 | 29 |
| 77 | Bringing the Cognitive Estimation Task into the 21st Century: Normative Data on Two New Parallel Forms. <i>PLoS ONE</i> , 2014, 9, e92554. | 1.1 | 28 |
| 78 | Long-Term Cognitive Functioning and Psychological Well-Being in Surgically Treated Patients with Low-Grade Glioma. <i>World Neurosurgery</i> , 2017, 103, 799-808.e9. | 0.7 | 28 |
| 79 | A left basal ganglia case of dynamic aphasia or impairment of extra-language cognitive processes?. <i>Neurocase</i> , 2008, 14, 184-203. | 0.2 | 27 |
| 80 | The effect of age on cognitive performance of frontal patients. <i>Neuropsychologia</i> , 2015, 75, 233-241. | 0.7 | 25 |
| 81 | Identical, similar or different? Is a single brain model sufficient?. <i>Cortex</i> , 2017, 86, 172-175. | 1.1 | 25 |
| 82 | Refractoriness and the healthy brain: A behavioural study on semantic access. <i>Cognition</i> , 2011, 118, 417-431. | 1.1 | 23 |
| 83 | Attractor dynamics in word recognition: converging evidence from errors by normal subjects, dyslexic patients and a connectionist model. <i>Cognition</i> , 2000, 74, 91-114. | 1.1 | 20 |
| 84 | Cognitive Neuroscience: The Troubled Marriage of Cognitive Science and Neuroscience. <i>Topics in Cognitive Science</i> , 2010, 2, 398-406. | 1.1 | 18 |
| 85 | Zero in the brain: A voxel-based lesion-symptom mapping study in right hemisphere damaged patients. <i>Cortex</i> , 2016, 77, 38-53. | 1.1 | 18 |
| 86 | Cognitive estimation: Performance of patients with focal frontal and posterior lesions. <i>Neuropsychologia</i> , 2018, 115, 70-77. | 0.7 | 18 |
| 87 | Cognitive neuropsychology and its vicissitudes: The fate of Caramazza's axioms. <i>Cognitive Neuropsychology</i> , 2015, 32, 385-411. | 0.4 | 17 |
| 88 | The Doors and People Test: The effect of frontal lobe lesions on recall and recognition memory performance.. <i>Neuropsychology</i> , 2016, 30, 332-337. | 1.0 | 17 |
| 89 | When does a strategy intervention overcome a failure of inhibition? Evidence from two left frontal brain tumour cases. <i>Cortex</i> , 2016, 79, 123-129. | 1.1 | 17 |
| 90 | A Comparative Study of Tower of London Scoring Systems and Normative Data. <i>Archives of Clinical Neuropsychology</i> , 2017, 32, 328-338. | 0.3 | 17 |

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|-----|---|-----|-----------|
| 91 | Anatomical Modularity of Verbal Working Memory? Functional Anatomical Evidence from a Famous Patient with Short-Term Memory Deficits. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 231. | 1.0 | 17 |
| 92 | Localisation through operation for brain tumour: A reply to Karnath and Steinbach. <i>Cortex</i> , 2011, 47, 1007-1009. | 1.1 | 15 |
| 93 | On Harley On Rapp. <i>Cognitive Neuropsychology</i> , 2004, 21, 41-43. | 0.4 | 14 |
| 94 | Localizing Memory Functions in Brain Tumor Patients: Anatomical Hotspots over 260 Patients. <i>World Neurosurgery</i> , 2018, 120, e690-e709. | 0.7 | 13 |
| 95 | Cognitive Reserve Proxies Do Not Differentially Account for Cognitive Performance in Patients with Focal Frontal and Non-Frontal Lesions. <i>Journal of the International Neuropsychological Society</i> , 2020, 26, 739-748. | 1.2 | 13 |
| 96 | Types of case series—the anatomically based approach: Commentary on M. F. Schwartz & G. S. Dell: Case series investigations in cognitive neuropsychology. <i>Cognitive Neuropsychology</i> , 2011, 28, 500-514. | 0.4 | 11 |
| 97 | Dissociable distal and proximal motor components: Evidence from perseverative errors in three apraxic patients. <i>Cognitive Neuropsychology</i> , 2005, 22, 625-639. | 0.4 | 10 |
| 98 | Patterns of Peripheral Paralexia: Pure Alexia and the Forgotten Visual Dyslexia?. <i>Cortex</i> , 2006, 42, 892-897. | 1.1 | 10 |
| 99 | The Influence of Fluid Intelligence, Executive Functions and Premorbid Intelligence on Memory in Frontal Patients. <i>Frontiers in Psychology</i> , 2018, 9, 926. | 1.1 | 9 |
| 100 | Multi-model mapping of phonemic fluency. <i>Brain Communications</i> , 2021, 3, fcab232. | 1.5 | 9 |
| 101 | Introduction. Mental processes in the human brain. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007, 362, 757-760. | 1.8 | 8 |
| 102 | Strategy and suppression impairments after right lateral prefrontal and orbito-frontal lesions. <i>Brain</i> , 2016, 139, e10-e10. | 3.7 | 8 |
| 103 | The origin of confabulations. <i>Nature Neuroscience</i> , 1999, 2, 588-590. | 7.1 | 7 |
| 104 | The Organisation of Mind. <i>Cortex</i> , 2012, 48, 1366-1370. | 1.1 | 7 |
| 105 | Preserved and impaired task-switching abilities in non-demented patients with Parkinson's disease. <i>Journal of Neuropsychology</i> , 2012, 6, 94-118. | 0.6 | 7 |
| 106 | On compensatory strategies and computational models: The case of pure alexia. <i>Cognitive Neuropsychology</i> , 2014, 31, 529-543. | 0.4 | 7 |
| 107 | Neuropsychologically plausible sequence generation in a multi-layer network model of spelling. <i>Perspectives in Neural Computing</i> , 1999, , 40-51. | 0.1 | 6 |
| 108 | Interactions Between Knowledge Sources in a Dual-route Connectionist Model of Spelling. <i>Workshops in Computing</i> , 1995, , 209-226. | 0.4 | 6 |

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|-----|--|-----|-----------|
| 109 | Connectionist Modelling of Word Recognition. <i>Synthese</i> , 2001, 129, 173-183. | 0.6 | 4 |
| 110 | The roles of functional neuroimaging and cognitive neuropsychology in the development of cognitive theory: A reply to Coltheart. <i>Cognitive Neuropsychology</i> , 2011, 28, 403-413. | 0.4 | 4 |
| 111 | How neuropsychology helps us understand normal cognitive function. <i>Behavioral and Brain Sciences</i> , 1991, 14, 457-469. | 0.4 | 3 |
| 112 | Internally driven strategy change. <i>Thinking and Reasoning</i> , 2010, 16, 308-331. | 2.1 | 3 |
| 113 | Introduction to impairments of short-term memory buffers: Do they exist?. <i>Cortex</i> , 2019, 112, 1-4. | 1.1 | 2 |
| 114 | Is the Weigl Colour-Form Sorting Test Specific to Frontal Lobe Damage?. <i>Journal of the International Neuropsychological Society</i> , 2021, 27, 204-210. | 1.2 | 2 |
| 115 | Are the properties of cells relevant for understanding consciousness?. <i>Behavioral and Brain Sciences</i> , 1978, 1, 364-365. | 0.4 | 1 |
| 116 | When mild pure alexia may not be reducible to hemianopic alexia. <i>Cognitive Neuropsychology</i> , 2018, 35, 479-484. | 0.4 | 1 |
| 117 | Jon Driver: a tribute. <i>Annals of the New York Academy of Sciences</i> , 2013, 1296, 1-3. | 1.8 | 0 |
| 118 | Progressive macrographia for block letter writing: A case study. <i>Cortex</i> , 2021, 144, 56-69. | 1.1 | 0 |