# Zachariah M Reagh

List of Publications by Year
in descending order

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|---|---|---|---|
| 27<br>papers | 1,337<br>citations | 516215<br>16<br>h-index | 580395<br>25<br>g-index |
| 39<br>all docs | 39<br>docs citations | 39<br>times ranked | 1541<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Object and spatial mnemonic interference differentially engage lateral and medial entorhinal cortex in humans. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4264-73. | 3.3 | 182 |
| 2 | Functional Imbalance of Anterolateral Entorhinal Cortex and Hippocampal Dentate/CA3ÂUnderlies Age-Related Object Pattern Separation Deficits. Neuron, 2018, 97, 1187-1198.e4. | 3.8 | 156 |
| 3 | Rapid stimulation of human dentate gyrus function with acute mild exercise. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10487-10492. | 3.3 | 118 |
| 4 | Precise temporal memories are supported by the lateral entorhinal cortex in humans. Nature Neuroscience, 2019, 22, 284-288. | 7.1 | 117 |
| 5 | Greater loss of object than spatial mnemonic discrimination in aged adults. Hippocampus, 2016, 26, 417-422. | 0.9 | 84 |
| 6 | Competitive Trace Theory: A Role for the Hippocampus in Contextual Interference during Retrieval. Frontiers in Behavioral Neuroscience, 2013, 7, 107. | 1.0 | 65 |
| 7 | Spatial discrimination deficits as a function of mnemonic interference in aged adults with and without memory impairment. Hippocampus, 2014, 24, 303-314. | 0.9 | 65 |
| 8 | Aging alters neural activity at event boundaries in the hippocampus and Posterior Medial network. Nature Communications, 2020, 11, 3980. | 5.8 | 61 |
| 9 | Intrinsic connectivity reveals functionally distinct cortico-hippocampal networks in the human brain. PLoS Biology, 2021, 19, e3001275. | 2.6 | 59 |
| 10 | What does the functional organization of cortico-hippocampal networks tell us about the functional organization of memory?. Neuroscience Letters, 2018, 680, 69-76. | 1.0 | 56 |
| 11 | The hippocampus constructs narrative memories across distant events. Current Biology, 2021, 31, 4935-4945.e7. | 1.8 | 42 |
| 12 | Pattern Separation and Source Memory Engage Distinct Hippocampal and Neocortical Regions during Retrieval. Journal of Neuroscience, 2020, 40, 843-851. | 1.7 | 37 |
| 13 | Repetition strengthens target recognition but impairs similar lure discrimination: evidence for trace competition. Learning and Memory, 2014, 21, 342-346. | 0.5 | 34 |
| 14 | Dissociated Signals in Human Dentate Gyrus and CA3 Predict Different Facets of Recognition Memory. Journal of Neuroscience, 2014, 34, 13301-13313. | 1.7 | 32 |
| 15 | Longitudinal Mapping of Cortical Thickness Measurements: An Alzheimerâ€™s Disease Neuroimaging Initiative-Based Evaluation Study. Journal of Alzheimer's Disease, 2019, 71, 165-183. | 1.2 | 31 |
| 16 | The Hippocampus Generalizes across Memories that Share Item and Context Information. Journal of Cognitive Neuroscience, 2019, 31, 24-35. | 1.1 | 29 |
| 17 | Whatâ€™s in a context? Cautions, limitations, and potential paths forward. Neuroscience Letters, 2018, 680, 77-87. | 1.0 | 23 |
| 18 | ABCA7 risk variant in healthy older African Americans is associated with a functionally isolated entorhinal cortex mediating deficient generalization of prior discrimination training. Hippocampus, 2019, 29, 527-538. | 0.9 | 21 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Repetition reveals ups and downs of hippocampal, thalamic, and neocortical engagement during mnemonic decisions. Hippocampus, 2017, 27, 169-183. | 0.9 | 20 |
| 20 | Narratives bridge the divide between distant events in episodic memory. Memory and Cognition, 2022, 50, 478-494. | 0.9 | 17 |
| 21 | Selective vulnerabilities and biomarkers in neurocognitive aging. F1000Research, 2017, 6, 491. | 0.8 | 17 |
| 22 | Negative, but not positive emotional images modulate the startle response independent of conscious awareness.. Emotion, 2013, 13, 782-791. | 1.5 | 12 |
| 23 | Reply to Gronwald et al.: Exercise intensity does indeed matter; maximal oxygen uptake is the gold-standard indicator. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11892-E11893. | 3.3 | 5 |
| 24 | Intrinsic functional connectivity in the default mode network predicts mnemonic discrimination: A connectomeâ€based modeling approach. Hippocampus, 2022, 32, 21-37. | 0.9 | 5 |
| 25 | Spatiotemporal continuity alters long-term memory representation of objects. Visual Cognition, 2013, 21, 715-718. | 0.9 | 3 |
| 26 | A Shared Mechanism for Mnemonic Precision in Visual Short-term Memory and Visual Long-term Memory. Journal of Vision, 2017, 17, 847. | 0.1 | 0 |
| 27 | Functional Imbalance of Anterolateral Entorhinal Cortex and Hippocampal Dentate/CA3 Underlies Age-Related Object Pattern Separation Deficits. SSRN Electronic Journal, 0, , . | 0.4 | 0 |