# Kathy R Magnusson

List of Publications by Year
in descending order



| 38 | 1,419 | 331670 21 | 414414 32 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 38 | 38 | 38 | 1329 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Strategies to protect against age-related mitochondrial decay: Do natural products and their derivatives help?. Free Radical Biology and Medicine, 2022, 178, 330-346. | 2.9 | 17 |
| 2 | Nitrate and Nitrite Treatment Affect Zebrafish Behavior and Brain Metabolomic Profile. Current Developments in Nutrition, 2020, 4, nzaa057_006. | 0.3 | 0 |
| 3 | Title is missing!. , 2020, 15, e0240070. | | 0 |
| 4 | Title is missing!. , 2020, 15, e0240070. | | 0 |
| 5 | Title is missing!. , 2020, 15, e0240070. | | 0 |
| 6 | Title is missing!. , 2020, 15, e0240070. | | 0 |
| 7 | Age-related differences in brain activations during spatial memory formation in a well-learned virtual Morris water maze (vMWM) task. NeuroImage, 2019, 202, 116069. | 4.2 | 10 |
| 8 | Higher Levels of Protein Palmitoylation in the Frontal Cortex across Aging Were Associated with Reference Memory and Executive Function Declines. ENeuro, 2019, 6, ENEURO.0310-18.2019. | 1.9 | 18 |
| 9 | Effects of ibuprofen on cognition and NMDA receptor subunit expression across aging. Neuroscience, 2017, 344, 276-292. | 2.3 | 18 |
| 10 | Chronic vitamin E deficiency impairs cognitive function in adult zebrafish via dysregulation of brain lipids and energy metabolism. Free Radical Biology and Medicine, 2017, 112, 308-317. | 2.9 | 45 |
| 11 | The application of a rodent-based Morris water maze (MWM) protocol to an investigation of age-related differences in human spatial learning.. Behavioral Neuroscience, 2017, 131, 470-482. | 1.2 | 35 |
| 12 | Higher levels of phosphorylated Y1472 on GluN2B subunits in the frontal cortex of aged mice are associated with good spatial reference memory, but not cognitive flexibility. Age, 2016, 38, 50. | 3.0 | 14 |
| 13 | Xanthohumol improved cognitive flexibility in young mice. Behavioural Brain Research, 2014, 275, 1-10. | 2.2 | 44 |
| 14 | An Increase in the Association of GluN2B Containing NMDA Receptors with Membrane Scaffolding Proteins Was Related to Memory Declines during Aging. Journal of Neuroscience, 2013, 33, 12300-12305. | 3.6 | 38 |
| 15 | Aging of the NMDA receptor: from a mouseâ€™s point of view. Future Neurology, 2012, 7, 627-637. | 0.5 | 36 |
| 16 | Reducing expression of GluN10XX subunit splice variants of the NMDA receptor interferes with spatial reference memory. Behavioural Brain Research, 2012, 230, 317-324. | 2.2 | 19 |
| 17 | Changes in expression of splice cassettes of NMDA receptor GluN1 subunits within the frontal lobe and memory in mice during aging. Behavioural Brain Research, 2011, 222, 122-133. | 2.2 | 24 |
| 18 | Aging is associated with altered dendritic cells subset distribution and impaired proinflammatory cytokine production. Experimental Gerontology, 2010, 45, 163-169. | 2.8 | 65 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Selective vulnerabilities of N-methyl-D-aspartate (NMDA) receptors during brain aging. Frontiers in Aging Neuroscience, 2010, 2, 11. | 3.4 | 102 |
| 20 | Relationship between mRNA expression of splice forms of the Î¶1 subunit of the N-methyl-d-aspartate receptor and spatial memory in aged mice. Brain Research, 2008, 1207, 142-154. | 2.2 | 18 |
| 21 | Age-related declines in a two-day reference memory task are associated with changes in NMDA receptor subunits in mice. BMC Neuroscience, 2007, 8, 43. | 1.9 | 50 |
| 22 | Can Selective Ligands for Glutamate Binding Proteins be Rationally Designed?. Current Topics in Medicinal Chemistry, 2006, 6, 823-847. | 2.1 | 14 |
| 23 | The effects of aging on different C-terminal splice forms of the Î¶1(NR1) subunit of the N-methyl-d-aspartate receptor in mice. Molecular Brain Research, 2005, 135, 141-149. | 2.3 | 23 |
| 24 | Catalytic Asymmetric Synthesis of Glutamate Analogues. Organic Letters, 2004, 6, 1285-1288. | 4.6 | 13 |
| 25 | Acute dissociation for analyses of NMDA receptor function in cortical neurons during aging. Journal of Neuroscience Methods, 2003, 129, 11-17. | 2.5 | 16 |
| 26 | Age-related deficits in mice performing working memory tasks in a water maze.. Behavioral Neuroscience, 2003, 117, 485-495. | 1.2 | 61 |
| 27 | Electrophysiological analysis of NMDA receptor subunit changes in the aging mouse cortex. Mechanisms of Ageing and Development, 2000, 115, 39-59. | 4.6 | 27 |
| 28 | Declines in mRNA Expression of Different Subunits May Account for Differential Effects of Aging on Agonist and Antagonist Binding to the NMDA Receptor. Journal of Neuroscience, 2000, 20, 1666-1674. | 3.6 | 115 |
| 29 | Changes in Anesthetic Sensitivity and Glutamate Receptors in the Aging Canine Brain. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2000, 55, B448-B454. | 3.6 | 39 |
| 30 | Taurine 3: Cellular and Regulatory Mechanisms. Stephen Schaffer , John B. Lombardini , Ryan J. Huxtable. Quarterly Review of Biology, 1999, 74, 467-468. | 0.1 | 0 |
| 31 | Aging of glutamate receptors: correlations between binding and spatial memory performance in mice. Mechanisms of Ageing and Development, 1998, 104, 227-248. | 4.6 | 109 |
| 32 | The aging of the NMDA receptor complex. Frontiers in Bioscience - Landmark, 1998, 3, e70-80. | 3.0 | 83 |
| 33 | Influence of dietary restriction on ionotropic glutamate receptors during aging in C57B1 mice. Mechanisms of Ageing and Development, 1997, 95, 187-202. | 4.6 | 41 |
| 34 | Glycine Enhances Binding to the NMDA Receptor Complex in Aged Mice, But Does Not Correct the Aging Change. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 1996, 51A, B141-B147. | 3.6 | 9 |
| 35 | Differential effects of aging on binding sites of the activated NMDA receptor complex in mice. Mechanisms of Ageing and Development, 1995, 84, 227-243. | 4.6 | 43 |
| 36 | Effects of aging on NMDA and MK801 binding sites in mice. Brain Research, 1993, 604, 334-337. | 2.2 | 57 |

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|---|---|---|---|
| 37 | Age-related changes in excitatory amino acid receptors in two mouse strains. Neurobiology of Aging, 1993, 14, 197-206. | 3.1 | 139 |
| 38 | In vitro autoradiography of hippocampal excitatory amino acid binding in aged Fischer 344 rats: Relationship to performance on the Morris water maze.. Behavioral Neuroscience, 1992, 106, 324-335. | 1.2 | 77 |