

# Sara S Patterson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9371405/publications.pdf>

Version: 2024-02-01

20  
papers

272  
citations

1162367

8  
h-index

1058022

14  
g-index

23  
all docs

23  
docs citations

23  
times ranked

224  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Neural Mechanisms Mediating Motion Sensitivity in Parasol Ganglion Cells of the Primate Retina. <i>Neuron</i> , 2018, 97, 1327-1340.e4.  | 3.8 | 67        |
| 2  | A Color Vision Circuit for Non-Image-Forming Vision in the Primate Retina. <i>Current Biology</i> , 2020, 30, 1269-1274.e2.  | 1.8 | 50        |
| 3  | Reconciling Color Vision Models With Midget Ganglion Cell Receptive Fields. <i>Frontiers in Neuroscience</i> , 2019, 13, 865.  | 1.4 | 27        |
| 4  | An S-cone circuit for edge detection in the primate retina. <i>Scientific Reports</i> , 2019, 9, 11913.  | 1.6 | 26        |
| 5  | Another Blue-ON ganglion cell in the primate retina. <i>Current Biology</i> , 2020, 30, R1409-R1410.   | 1.8 | 17        |
| 6  | Conserved circuits for direction selectivity in the primate retina. <i>Current Biology</i> , 2022, 32, 2529-2538.e4.   | 1.8 | 14        |
| 7  | Photopigment genes, cones, and color update: disrupting the splicing code causes a diverse array of vision disorders. <i>Current Opinion in Behavioral Sciences</i> , 2019, 30, 60-66.   | 2.0 | 13        |
| 8  | Synaptic inputs from identified bipolar and amacrine cells to a sparsely branched ganglion cell in rabbit retina. <i>Visual Neuroscience</i> , 2019, 36, E004.   | 0.5 | 12        |
| 9  | Effect of cone spectral topography on chromatic detection sensitivity. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2020, 37, A244.  | 0.8 | 12        |
| 10 | Wide-field amacrine cell inputs to ON parasol ganglion cells in macaque retina. <i>Journal of Comparative Neurology</i> , 2020, 528, 1588-1598.  | 0.9 | 11        |
| 11 | Strain variations in cone wavelength peaks <i>in situ</i> during zebrafish development. <i>Visual Neuroscience</i> , 2019, 36, E010.   | 0.5 | 9         |
| 12 | Synaptic inputs to broad thorny ganglion cells in macaque retina. <i>Journal of Comparative Neurology</i> , 2021, 529, 3098-3111.  | 0.9 | 8         |
| 13 | S-cone circuits in the primate retina for non-image-forming vision. <i>Seminars in Cell and Developmental Biology</i> , 2022, 126, 66-70.  | 2.3 | 3         |
| 14 | Differences between the S-OFF and L/M-OFF contacts inform the role of OFF midget bipolar cells in the perception of yellow. <i>Journal of Vision</i> , 2017, 17, 15.   | 0.1 | 1         |
| 15 | The best of both worlds: A Maxwellian view visual stimulator incorporating a DLP spatiotemporal light driver with a programmable tunable spectrum source for studying human color vision. <i>Journal of Vision</i> , 2017, 17, 45. | 0.1 | 0         |
| 16 | High acuity vision corrected for chromatic and monochromatic aberrations is associated with color discrimination without red-green or blue-yellow sensations. <i>Journal of Vision</i> , 2019, 19, 12.                             | 0.1 | 0         |
| 17 | The normal human visual system extracts about 1% of the hues possible from the L, M and S cones compared to a perfect hue encoder. <i>Journal of Vision</i> , 2019, 19, 81.  | 0.1 | 0         |
| 18 | Spectral density curves of the human lens inaccurate due to increased Rayleigh scatter in post mortem eyes. <i>Journal of Vision</i> , 2019, 19, 70.   | 0.1 | 0         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | The Genetics of Cone Opsin Based Vision Disorders. , 2020, , 493-507.  |     | 0         |
| 20 | Invited Session II: Retinal mechanisms mediating vision: The S-cone connectome of the primate retina. Journal of Vision, 2022, 22, 47. | 0.1 | 0         |