

# Steven L Buck

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

526  
citations

623734

14  
h-index

677142

22  
g-index

33  
all docs

33  
docs citations

33  
times ranked

164  
citing authors

#	ARTICLE	IF	CITATIONS
1	Visibility of borders: separate and combined effects of color differences, luminance contrast, and luminance level. <i>Journal of the Optical Society of America</i> , 1981, 71, 145.	1.2	60
2	Rod influence on hue-scaling functions. <i>Vision Research</i> , 1998, 38, 3259-3263.	1.4	54
3	Opponent-color models and the influence of rod signals on the loci of unique hues. <i>Vision Research</i> , 2000, 40, 3333-3344.	1.4	45
4	Influence of rod signals on hue perception: evidence from successive scotopic contrast. <i>Vision Research</i> , 1997, 37, 1295-1301.	1.4	40
5	What is the hue of rod vision?. <i>Color Research and Application</i> , 2001, 26, S57-S59.	1.6	24
6	Large loss of visual sensitivity to flashed peripheral targets. <i>Vision Research</i> , 1981, 21, 1323-1328.	1.4	23
7	Spatial patterns of rod-cone interaction. <i>Vision Research</i> , 1979, 19, 775-782.	1.4	21
8	Rod-cone interaction on large and small backgrounds. <i>Vision Research</i> , 1981, 21, 1181-1187.	1.4	21
9	Cone-rod interaction over time and space. <i>Vision Research</i> , 1985, 25, 907-916.	1.4	21
10	Partial additivity of rod signals with M- and L-Cone signals in increment detection. <i>Vision Research</i> , 1994, 34, 2537-2545.	1.4	19
11	Time-dependent changes of rod influence on hue perception. <i>Vision Research</i> , 2002, 42, 1651-1662.	1.4	19
12	Rods affect S-cone discrimination on the Farnsworthâ€™Munsell 100-hue test. <i>Vision Research</i> , 1998, 38, 3477-3481.	1.4	18
13	Dark versus bright equilibrium hues: rod and cone biases. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2014, 31, A75.	1.5	18
14	The time-course of rod-cone interaction. <i>Vision Research</i> , 1984, 24, 543-548.	1.4	16
15	Brown. <i>Current Biology</i> , 2015, 25, R536-R537.	3.9	16
16	Stimulus size affects rod influence on tritan chromatic discrimination. <i>Color Research and Application</i> , 2001, 26, S65-S68.	1.6	10
17	Foveal and extra-foveal influences on rod hue biases. <i>Visual Neuroscience</i> , 2006, 23, 539-542.	1.0	10
18	Color Constancy in Two-Dimensional and Three-Dimensional Scenes: Effects of Viewing Methods and Surface Texture. <i>i-Perception</i> , 2017, 8, 204166951774352.	1.4	10

#	ARTICLE	IF	CITATIONS
19	Initial distinctness and subsequent fading of minimally distinct borders*. Journal of the Optical Society of America, 1977, 67, 1126.	1.2	9
20	Rod influences on hue perception: Effect of background light level. Color Research and Application, 2001, 26, S60-S64.	1.6	9
21	Do rods influence the hue of foveal stimuli?. Visual Neuroscience, 2006, 23, 519-523.	1.0	9
22	Influence of surround proximity on induction of brown and darkness. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2016, 33, A12.	1.5	9
23	Rod hue biases produced on CRT displays. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2012, 29, A36.	1.5	8
24	Generality of rod hue biases with smaller, brighter, and photopically specified stimuli. Visual Neuroscience, 2004, 21, 257-262.	1.0	7
25	Time course of rod influences on hue perception. Visual Neuroscience, 2008, 25, 517-520.	1.0	7
26	Determinants of the spatial properties of cone-rod interaction. Vision Research, 1985, 25, 1277-1284.	1.4	4
27	The range of simultaneous scotopic contrast colors. Documenta Ophthalmologica Proceedings Series, 1995, , 309-316.	0.0	4
28	Stimulus Duration Affects Rod Influence on Hue Perception. , 2003, , 179-186.		4
29	Rod-cone interaction in monocular but not binocular pathways. Vision Research, 1987, 27, 479-482.	1.4	3
30	Test-additivity experiments: different procedures, different results. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1991, 8, 696.	1.5	2
31	Cone pathways and the $\rho$ and $\beta$ rod mechanisms. Vision Research, 1993, 33, 2203-2213.	1.4	2
32	Rod hue biases for foveal stimuli on CRT displays. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2014, 31, A23.	1.5	2
33	Generality of rod hue biases with smaller, brighter, and photopically specified stimuli. Visual Neuroscience, 2004, 21, 257-62.	1.0	2