

Visual Pigments and Vitamins A of the Clawed Toad, *Xenopus laevis*

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Further observations on the visual pigments of the clawed toad, <i>Xenopus laevis</i> . <i>Journal of Physiology</i> , 1956, 134, 327-338.	2.9	47
2	RETINENE ISOMERASE. <i>Journal of General Physiology</i> , 1956, 39, 935-962.	1.9	157
3	Visual Pigments.. , 1957, 14, 244-316.		21
4	The Significance of Vertebrate Metamorphosis: A life cycle is circular; and its completion may involve two opposed metamorphoses, biochemical components of which pervade the vertebrate kingdom.. <i>Science</i> , 1958, 128, 1481-1490.	12.6	85
5	Physiology of Vision. <i>Annual Review of Physiology</i> , 1958, 20, 559-582.	13.1	2
6	THE NATURAL HISTORY OF VISUAL PIGMENTS. <i>Annals of the New York Academy of Sciences</i> , 1958, 74, 230-255.	3.8	134
7	The contributions of the orientated photosensitive and other molecules to the absorption of whole retina. <i>Proceedings of the Royal Society of London Series B, Containing Papers of A Biological Character</i> , 1959, 150, 78-94.	1.8	106
8	The Significance of Vertebrate Metamorphosis. <i>Circulation</i> , 1960, 21, 916-938.	1.6	37
9	The visual pigments of freshwater fishes. <i>Vision Research</i> , 1967, 7, 121-148.	1.4	141
10	An interdisciplinary theory of behavior. <i>Journal of Research in Science Teaching</i> , 1969, 6, 265-273.	3.3	5
11	Biochemical studies on the eyes of the toad <i>Bufo marinus ictericus</i> . <i>Comparative Biochemistry and Physiology</i> , 1970, 35, 125-143.	1.1	2
12	Rhodopsin and Porphyropsin Fields In the Adult Bullfrog Retina. <i>Journal of General Physiology</i> , 1971, 58, 351-371.	1.9	136
13	The Visual Cells and Visual Pigments of the Vertebrate Eye. <i>Handbook of Sensory Physiology</i> , 1972, , 245-363.	0.8	76
14	The visual pigment system of <i>Xenopus laevis</i> : Tadpoles and adults. <i>Vision Research</i> , 1973, 13, 855-865.	1.4	24
15	Effects of light and darkness on the visual pigments of amphibian tadpoles. <i>Vision Research</i> , 1974, 14, 779-793.	1.4	33
16	Storage, distribution and utilization of vitamins A in the eyes of adult amphibians and their tadpoles. <i>Vision Research</i> , 1975, 15, 1311-IN1.	1.4	72
17	Visual pigments and vitamins A: A reply to Dr. Ali's letter. <i>Vision Research</i> , 1976, 16, 1199-1200.	1.4	0
18	The visual pigment and vitamin A of <i>Xenopus laevis</i> embryos, larvae and adults. <i>Experimental Eye Research</i> , 1977, 24, 7-13.	2.6	36

#	ARTICLE	IF	CITATIONS
19	Scotopic visual pigment composition in the retinas and vitamins A in the pigment epithelium of the goldfish. <i>Experimental Eye Research</i> , 1979, 29, 15-26.	2.6	42
20	Seasonal variation of the vitamin A ₂ -based visual pigment in the retina of adult bullfrog, <i>Rana catesbeiana</i> . <i>Vision Research</i> , 1983, 23, 199-204.	1.4	25
21	Use of high-performance liquid chromatography in the analysis of retinyl and 3,4-didehydroretinyl compounds in tissue extracts of bullfrog tadpoles and goldfish. <i>Vision Research</i> , 1984, 24, 1835-1840.	1.4	23
22	Two populations of rod photoreceptors in the retina of <i>Xenopus laevis</i> identified with ³ H-fucose autoradiography. <i>Vision Research</i> , 1984, 24, 777-782.	1.4	12
23	Formation of visual pigment chromophores during the development of <i>Xenopus laevis</i> . <i>Vision Research</i> , 1988, 28, 959-964.	1.4	9
24	Vitamin A ₂ -based photopigments within the pineal gland of a fully terrestrial vertebrate. <i>Neuroscience Letters</i> , 1993, 155, 223-226.	2.1	20
25	Spectral and polarization sensitivity of photocurrents of amphibian rods in the visible and ultraviolet. <i>Visual Neuroscience</i> , 1998, 15, 319-331.	1.0	22
26	Photoreceptor classes and transmission at the photoreceptor synapse in the retina of the clawed frog, <i>Xenopus laevis</i> . <i>Microscopy Research and Technique</i> , 2000, 50, 338-346.	2.2	20
27	Vitamin A (retinoid) metabolism and actions: What we know and what we need to know about amphibians. <i>Zoo Biology</i> , 2014, 33, 527-535.	1.2	32
28	Metamorphosis: An Overview. , 1981, , 1-39.		14
29	The Visual World of the Amphibia. <i>Handbook of Sensory Physiology</i> , 1977, , 275-307.	0.8	9
30	The Distribution and Evolution of Visual Systems. , 1960, , 311-345.		50
31	VISUAL PIGMENTS OF COLOUR VISION. , 1960, , 147-161.		8
32	Extraction, Measurement and Analysis of Visual Photopigment. , 1962, , 323-365.		0
33	Type II Opsins in the Eye, the Pineal Complex and the Skin of <i>Xenopus laevis</i> : Using Changes in Skin Pigmentation as a Readout of Visual and Circadian Activity. <i>Frontiers in Neuroanatomy</i> , 2021, 15, 784478.	1.7	1