

# Victor Hugo Casco

## List of Publications by Year in descending order

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36  
papers

578  
citations

840776

11  
h-index

642732

23  
g-index

39  
all docs

39  
docs citations

39  
times ranked

837  
citing authors

#	ARTICLE	IF	CITATIONS
1	Natriuretic Peptide System Gene Expression in Human Coronary Arteries. <i>Journal of Histochemistry and Cytochemistry</i> , 2002, 50, 799-809.	2.5	117
2	Cypermethrin induction of DNA damage and oxidative stress in zebrafish gill cells. <i>Ecotoxicology and Environmental Safety</i> , 2019, 173, 1-7.	6.0	68
3	Nonlinear Optical Microscopy Signal Processing Strategies in Cancer. <i>Cancer Informatics</i> , 2014, 13, CIN.S12419.	1.9	53
4	Photobleaching correction in fluorescence microscopy images. <i>Journal of Physics: Conference Series</i> , 2007, 90, 012068.	0.4	50
5	Cypermethrin: Oxidative stress and genotoxicity in retinal cells of the adult zebrafish. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2018, 826, 25-32.	1.7	45
6	Cypermethrin-Induced apoptosis in the telencephalon of <i>Physalaemus biligonigerus</i> tadpoles (Anura: Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.7	35
7	Apoptotic cell death in the central nervous system of <i>Bufo arenarum</i> tadpoles induced by cypermethrin. <i>Cell Biology and Toxicology</i> , 2006, 22, 199-211.	5.3	33
8	E-cadherin roles in animal biology: A perspective on thyroid hormone-influence. <i>Cell Communication and Signaling</i> , 2016, 14, 27.	6.5	23
9	Paraquat Tolerance and Alteration of Internal Gill Structure of <i>Scinax nasica</i> Tadpoles (Anura: Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.1	22
10	Epithelial Ovarian Cancer Diagnosis of Second-Harmonic Generation Images: A Semiautomatic Collagen Fibers Quantification Protocol. <i>Cancer Informatics</i> , 2017, 16, 117693511769016.	1.9	15
11	Role of E-Cadherin in Epithelial Architecture Maintenance. <i>Cell Communication and Adhesion</i> , 2010, 17, 1-12.	1.0	14
12	Nonlinear Microscopy Techniques: Principles and Biomedical Applications. , 0, , .		13
13	Endothelin system in intestinal villi: A possible role of endothelin-2/vasoactive intestinal contractor in the maintenance of intestinal architecture. <i>Biochemical and Biophysical Research Communications</i> , 2012, 417, 1113-1118.	2.1	10
14	Expression of cell adhesion molecules in the normal and T3 blocked development of the tadpole's kidney of <i>Bufo arenarum</i> (Amphibian, Anuran, Bufonidae). <i>Brazilian Journal of Biology</i> , 2008, 68, 561-569.	0.9	8
15	T3 regulates E-cadherin, and $\beta$ - and $\gamma$ -catenin expression in the stomach during the metamorphosis of the toad <i>Rhinella arenarum</i> . <i>Biotechnic and Histochemistry</i> , 2010, 85, 305-323.	1.3	8
16	PUB16 gene expression under abiotic stress and their putative role as an ARM repeat protein in <i>Arabidopsis thaliana</i> ; self-pollination pathway. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2012, 03, 609-619.	0.7	8
17	Alterations induced by E-cadherin and beta-catenin antibodies during the development of <i>Bufo arenarum</i> (Anura-Bufonidae). <i>Histology and Histopathology</i> , 2001, 16, 1097-106.	0.7	7
18	3D automatic quantification applied to optically sectioned images to improve microscopy analysis. <i>European Journal of Histochemistry</i> , 2008, 52, 115.	1.5	6

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19	Isolation and nucleotide sequence analysis of the of Rhinella arenarum $\beta$ -catenin: An mRNA and protein expression study during the larval stages of the digestive tract development. <i>Gene</i> , 2012, 511, 256-264.	2.2	5
20	Multimodal nonlinear optical microscopy used to discriminate human colon cancer. , 2013, , .		5
21	Multimodal and non-linear optical microscopy applications in reproductive biology. <i>Microscopy Research and Technique</i> , 2016, 79, 567-582.	2.2	5
22	High doses of ultraviolet-C irradiation increases vasoactive intestinal contractor/endothelin-2 expression in keratinocytes of the newborn mouse epidermis. <i>Peptides</i> , 2007, 28, 1083-1094.	2.4	4
23	Mouse colorectal cancer an early detection approach using nonlinear microscopy. <i>Bio-Medical Materials and Engineering</i> , 2014, 24, 3419-3426.	0.6	4
24	Estimation Methods of the Point Spread Function Axial Position: A Comparative Computational Study. <i>Journal of Imaging</i> , 2017, 3, 7.	3.0	4
25	The Presence of Atrial Natriuretic Peptide (ANP) in Spermatozoa of Bufo arenarum, and Effects of GnRH. <i>General and Comparative Endocrinology</i> , 1993, 91, 31-37.	1.8	3
26	Demonstration of Atrial Natriuretic Peptide Immunoreactivity and Ultrastructurally Related Secretory Granules in Myoblasts of the Chick Myotome. <i>Cells Tissues Organs</i> , 1994, 150, 87-95.	2.3	3
27	Endothelin-2 Differential Expression in Normal and Early-Stages of Colon Cancer Development. <i>Journal of Cancer Therapy</i> , 2013, 04, 26-33.	0.4	3
28	Improvement of co-occurrence matrix calculation and collagen fibers orientation estimation. , 2017, , .		2
29	Atrial natriuretic factor (ANF)-like immunoreactivity and secretory granules in internal gills tadpoles of South American toad Bufo arenarum (Hensel). <i>European Journal of Morphology</i> , 1996, 34, 285-294.	0.8	2
30	E-Cadherin Dysfunction and Cancer. <i>Journal of Biosciences and Medicines</i> , 2019, 07, 42-67.	0.2	2
31	MORPHOLOGICAL CHARACTERIZATION OF COLORECTAL PITS USING AUTOFLUORESCENCE MICROSCOPY IMAGES. <i>Arquivos De Gastroenterologia</i> , 2019, 56, 191-196.	0.8	1
32	A Quantitative Study of the Quality of Deconvolved Wide-field Microscopy Images as Function of Empirical Three-dimensional Point Spread Functions. <i>Journal of the Optical Society of Korea</i> , 2011, 15, 252-263.	0.6	0
33	Evaluation and Validation of a Semiautomatic Image Analysis Method: Quantification of Nares Cell Proliferation of Rhinella arenarum (Anura) Detected with the Avidin-Biotin Complex/Peroxidase, DAB. <i>Journal of Histology</i> , 2015, 2015, 1-10.	0.2	0
34	Development of methods for deconvolution algorithms performance analysis using FIJI and Icy plugins. <i>Proceedings of SPIE</i> , 2017, , .	0.8	0
35	Three-dimensional morphological characterization of colorectal pits from label-free microscopy images. <i>Microscopy Research and Technique</i> , 2022, 85, 1937-1948.	2.2	0
36	Expression of Polysialic Acid, $\beta$ - and $\beta$ -Catenins in Adult Toad Testis in Hibernation Stage and After Gonadotrophin - Releasing Hormone (GnRH) Treatment. <i>European Journal of Morphology</i> , 2000, 38, 167-175.	0.8	0