

# Michelle Osborn

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7569685/publications.pdf>

Version: 2024-02-01

9  
papers

72  
citations

1684188  
5  
h-index

1588992  
8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

74  
citing authors

#	ARTICLE	IF	CITATIONS
1	Indocyanine green-assisted dental imaging in the first and second near-infrared windows as compared with X-ray imaging. <i>Annals of the New York Academy of Sciences</i> , 2019, 1448, 42-51.	3.8	17
2	Improvement of Tribological and Biocompatibility Properties of Orthopedic Materials Using Piezoelectric Direct Discharge Plasma Surface Modification. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2147-2159.	5.2	15
3	Detection and analysis of enamel cracks by ICG-NIR fluorescence dental imaging. <i>Annals of the New York Academy of Sciences</i> , 2020, 1475, 52-63.	3.8	13
4	Optimal imaging windows of indocyanine green-assisted near-infrared dental imaging with rat model and its comparison to X-ray imaging. <i>Journal of Biophotonics</i> , 2020, 13, e201960232.	2.3	7
5	An optimized JPEG-Xt-based algorithm for the lossy and lossless compression of 16-bit depth medical image. <i>Biomedical Signal Processing and Control</i> , 2021, 64, 102306.	5.7	7
6	Architecture of the bronchial tree in Cuvier's dwarf caiman ( <i>Paleosuchus palpebrosus</i> ). <i>Anatomical Record</i> , 2022, , .	1.4	6
7	The equine navicular apparatus as a premier entheses organ: Functional implications. <i>Veterinary Surgery</i> , 2021, 50, 713-728.	1.0	4
8	Mouthwash to Deliver Indocyanine Green for Near Infrared Dental Fluorescence Imaging. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2021, 27, 1-8.	2.9	3
9	Construction of a Realistic, Whole-Body, Three-Dimensional Equine Skeletal Model using Computed Tomography Data. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	0