

# Hamoon Zohdi

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

353  
citations

1039406

9  
h-index

996533

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

425  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Systemic Physiology in Individual Hemodynamic Responses Measured on the Head Due to Long-Term Stimulation Involving Colored Light Exposure and a Cognitive Task: An SPA-fNIRS Study. <i>Brain Sciences</i> , 2022, 12, 597.	1.1	6
2	Long-Term Blue Light Exposure Changes Frontal and Occipital Cerebral Hemodynamics: Not All Subjects React the Same. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1269, 217-222.	0.8	5
3	Individual Differences in Hemodynamic Responses Measured on the Head Due to a Long-Term Stimulation Involving Colored Light Exposure and a Cognitive Task: A SPA-fNIRS Study. <i>Brain Sciences</i> , 2021, 11, 54.	1.1	22
4	Color-dependent changes in humans during a verbal fluency task under colored light exposure assessed by SPA-fNIRS. <i>Scientific Reports</i> , 2021, 11, 9654.	1.6	16
5	New Directions in Exercise Prescription: Is There a Role for Brain-Derived Parameters Obtained by Functional Near-Infrared Spectroscopy?. <i>Brain Sciences</i> , 2020, 10, 342.	1.1	20
6	Frontal cerebral oxygenation asymmetry: intersubject variability and dependence on systemic physiology, season, and time of day. <i>Neurophotonics</i> , 2020, 7, 1.	1.7	16
7	Right-Left Asymmetry of Prefrontal Cerebral Oxygenation: Does it Depend on Systemic Physiological Activity, Absolute Tissue Oxygenation or Hemoglobin Concentration?. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1232, 105-112.	0.8	4
8	Absolute Values of Optical Properties ( $\hat{\mu}_a$ , $\hat{\mu}_s$ , $\hat{\mu}_{eff}$ and DPF) of Human Head Tissue: Dependence on Head Region and Individual. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1072, 325-330.	0.8	8
9	Impact of Changes in Systemic Physiology on fNIRS/NIRS Signals: Analysis Based on Oblique Subspace Projections Decomposition. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1072, 119-125.	0.8	12
10	Long-Term Changes in Optical Properties ( $\hat{\mu}_a$ , $\hat{\mu}_s$ , $\hat{\mu}_{eff}$ and DPF) of Human Head Tissue During Functional Neuroimaging Experiments. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1072, 331-337.	0.8	8
11	Particles and Ions Generated in Total Hip Joint Prostheses: In Vitro Wear Test Results of UHMWPE and XLPE Acetabular Components. <i>Tribology Letters</i> , 2017, 65, 1.	1.2	7
12	Giant cells around bone biomaterials: Osteoclasts or multi-nucleated giant cells?. <i>Acta Biomaterialia</i> , 2016, 46, 15-28.	4.1	95
13	Corrosion performance and metal ion release of amorphous and nanocrystalline Fe-based alloys under simulated body fluid conditions. <i>Materials Letters</i> , 2013, 94, 193-196.	1.3	10
14	Influence of multi-step heat treatments in creep age forming of 7075 aluminum alloy: Optimization for springback, strength and exfoliation corrosion. <i>Materials Characterization</i> , 2012, 73, 8-15.	1.9	67
15	Effect of Nb addition on corrosion behavior of Fe-based metallic glasses in Ringer's solution for biomedical applications. <i>Electrochemistry Communications</i> , 2011, 13, 840-843.	2.3	57