

# James Gh Whiting

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11908939/publications.pdf>

Version: 2024-02-01

8  
papers

173  
citations

1307594

7  
h-index

1720034

7  
g-index

8  
all docs

8  
docs citations

8  
times ranked

107  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards slime mould chemical sensor: Mapping chemical inputs onto electrical potential dynamics of Physarum Polycephalum. Sensors and Actuators B: Chemical, 2014, 191, 844-853.	7.8	58
2	Slime mould logic gates based on frequency changes of electrical potential oscillation. BioSystems, 2014, 124, 21-25.	2.0	34
3	Transfer function of protoplasmic tubes of Physarum polycephalum. BioSystems, 2015, 128, 48-51.	2.0	25
4	Sensory fusion in Physarum polycephalum and implementing multi-sensory functional computation. BioSystems, 2014, 119, 45-52.	2.0	21
5	Measuring movement and location of the gastroesophageal junction: research and clinical implications. Scandinavian Journal of Gastroenterology, 2013, 48, 401-411.	1.5	15
6	Quantitative transformation for implementation of adder circuits in physical systems. BioSystems, 2015, 134, 16-23.	2.0	12
7	Development and validation of a probe allowing accurate and continuous monitoring of location of squamo-columnar junction. Medical Engineering and Physics, 2012, 34, 279-289.	1.7	8
8	Towards minimally invasive monitoring for gastroenterology -An external Squamocolumnar Junction Locator. , 2012, 2012, 1574-7.		0