

# Soon Ho Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4678863/publications.pdf>

Version: 2024-02-01

9  
papers

56  
citations

1937685

4  
h-index

1720034

7  
g-index

10  
all docs

10  
docs citations

10  
times ranked

73  
citing authors

#	ARTICLE	IF	CITATIONS
1	Power Failure of Mitochondria and Oxidative Stress in Neurodegeneration and Its Computational Models. <i>Antioxidants</i> , 2021, 10, 229.	5.1	17
2	Computational modeling of the effects of autophagy on amyloid- $\beta^2$ peptide levels. <i>Theoretical Biology and Medical Modelling</i> , 2020, 17, 2.	2.1	12
3	Characterization of dynamics and information processing of integrate-and-fire neuron models. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2021, 54, 445601.	2.1	7
4	Design principles of PI(4,5)P <sub>2</sub> clustering under protein-free conditions: Specific cation effects and calcium-potassium synergy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	6
5	Predicting Energy Expenditure During Gradient Walking With a Foot Monitoring Device: Model-Based Approach. <i>JMIR MHealth and UHealth</i> , 2019, 7, e12335.	3.7	4
6	Behavioral Dynamics of Pedestrians Crossing between Two Moving Vehicles. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 859.	2.5	4
7	Numerical study of entrainment of the human circadian system and recovery by light treatment. <i>Theoretical Biology and Medical Modelling</i> , 2018, 15, 5.	2.1	3
8	Statistical properties of human activity and criticality in active behavior. <i>Europhysics Letters</i> , 2019, 126, 68001.	2.0	3
9	A least action principle for interceptive walking. <i>Scientific Reports</i> , 2021, 11, 2198.	3.3	0