

# Wei Feng

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,138  
citations

430874

18  
h-index

501196

28  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1471  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of tissue-specific changes in structure and function induced by in vivo skin/skull optical clearing techniques. <i>Lasers in Surgery and Medicine</i> , 2022, 54, 447-458.	2.1	4
2	A Long-Term Clearing Cranial Window for Longitudinal Imaging of Cortical and Calvarial Ischemic Injury through the Intact Skull. <i>Advanced Science</i> , 2022, 9, e2105893.	11.2	8
3	Comparison of Cortical and Cutaneous Vascular Hemodynamic Changes in Hypoxia by Using <i>in Vivo</i> Skull and Skin Optical Clearing Techniques. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2021, 27, 1-7.	2.9	5
4	Penetration-enhanced optical coherence tomography angiography with optical clearing agent for clinical evaluation of human skin. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 30, 101734.	2.6	15
5	Comparison of cerebral and cutaneous microvascular dysfunction with the development of type 1 diabetes. <i>Theranostics</i> , 2019, 9, 5854-5868.	10.0	25
6	Effect of thallium exposure and its interaction with smoking on lung function decline: A prospective cohort study. <i>Environment International</i> , 2019, 127, 181-189.	10.0	26
7	Age differences in photodynamic therapy-mediated opening of the blood-brain barrier through the optical clearing skull window in mice. <i>Lasers in Surgery and Medicine</i> , 2019, 51, 625-633.	2.1	13
8	In vivo monitoring blood-brain barrier permeability using spectral imaging through optical clearing skull window. <i>Journal of Biophotonics</i> , 2019, 12, e201800330.	2.3	20
9	Quantitative evaluation of skin disorders in type 1 diabetic mice by in vivo optical imaging. <i>Biomedical Optics Express</i> , 2019, 10, 2996.	2.9	7
10	Associations of multiple plasma metals with incident type 2 diabetes in Chinese adults: The Dongfeng-Tongji Cohort. <i>Environmental Pollution</i> , 2018, 237, 917-925.	7.5	73
11	In vivo imaging the motility of monocyte/macrophage during inflammation in diabetic mice. <i>Journal of Biophotonics</i> , 2018, 11, e201700205.	2.3	7
12	Photodynamic opening of the blood-brain barrier to high weight molecules and liposomes through an optical clearing skull window. <i>Biomedical Optics Express</i> , 2018, 9, 4850.	2.9	34
13	A large, switchable optical clearing skull window for cerebrovascular imaging. <i>Theranostics</i> , 2018, 8, 2696-2708.	10.0	76
14	Concentrations of vanadium in urine and seminal plasma in relation to semen quality parameters, spermatozoa DNA damage and serum hormone levels. <i>Science of the Total Environment</i> , 2018, 645, 441-448.	8.0	27
15	Visualization of skin microvascular dysfunction of type 1 diabetic mice using in vivo skin optical clearing method. <i>Journal of Biomedical Optics</i> , 2018, 24, 1.	2.6	16
16	Relationships between seminal plasma metals/metalloids and semen quality, sperm apoptosis and DNA integrity. <i>Environmental Pollution</i> , 2017, 224, 224-234.	7.5	80
17	FSOCA-induced switchable footpad skin optical clearing window for blood flow and cell imaging <i>in vivo</i> . <i>Journal of Biophotonics</i> , 2017, 10, 1647-1656.	2.3	10
18	A useful way to develop effective <i>in vivo</i> skin optical clearing agents. <i>Journal of Biophotonics</i> , 2017, 10, 887-895.	2.3	34

#	ARTICLE	IF	CITATIONS
19	Lookup-table-based inverse model for mapping oxygen concentration of cutaneous microvessels using hyperspectral imaging. <i>Optics Express</i> , 2017, 25, 3481.	3.4	18
20	Plasma Metal Concentrations and Incident Coronary Heart Disease in Chinese Adults: The Dongfeng-Tongji Cohort. <i>Environmental Health Perspectives</i> , 2017, 125, 107007.	6.0	131
21	In vivo skin optical clearing efficiency of sucrose and fructose. , 2017, , .		2
22	Preliminary study investigating depth sensitivity of spatially resolved bimodal spectroscopy combined to optical clearing agents on a human skin based-hybrid model. , 2017, , .		0
23	Skin optical clearing potential of disaccharides. <i>Journal of Biomedical Optics</i> , 2016, 21, 081207.	2.6	42
24	Associations of urinary metal levels with serum hormones, spermatozoa apoptosis and sperm DNA damage in a Chinese population. <i>Environment International</i> , 2016, 94, 177-188.	10.0	53
25	Association of urinary metal levels with human semen quality: A cross-sectional study in China. <i>Environment International</i> , 2016, 91, 51-59.	10.0	56
26	Rapid and prodium iodide-compatible optical clearing method for brain tissue based on sugar/sugar-alcohol. <i>Journal of Biomedical Optics</i> , 2016, 21, 081203.	2.6	29
27	Association of urinary metals levels with type 2 diabetes risk in coke oven workers. <i>Environmental Pollution</i> , 2016, 210, 1-8.	7.5	95
28	Association of Urinary Metal Profiles with Altered Glucose Levels and Diabetes Risk: A Population-Based Study in China. <i>PLoS ONE</i> , 2015, 10, e0123742.	2.5	102
29	Accessing to oxygen saturation in cutaneous microcirculation with high resolution using hyperspectral imaging and skin optical clearing. , 2015, , .		0
30	Urinary Metals and Heart Rate Variability: A Cross-Sectional Study of Urban Adults in Wuhan, China. <i>Environmental Health Perspectives</i> , 2015, 123, 217-222.	6.0	103
31	The dose-response association of urinary metals with altered pulmonary function and risks of restrictive and obstructive lung diseases: a population-based study in China. <i>BMJ Open</i> , 2015, 5, e007643-e007643.	1.9	27