

Yubin Liu

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

153
papers

2,595
citations

29
h-index

42
g-index

167
ext. papers

3,515
ext. citations

5.2
avg, IF

5.68
L-index

#	Paper	IF	Citations
153	Phototheranostic Metal-Phenolic Networks with Antiexosomal PD-L1 Enhanced Ferroptosis for Synergistic Immunotherapy.. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	17
152	Oxygen-carrying biomimetic nanoplatfom for sonodynamic killing of bacteria and treatment of infection diseases.. <i>Ultrasonics Sonochemistry</i> , 2022 , 84, 105972	8.9	1
151	Recent advances in glioma microenvironment-response nanoplatfoms for phototherapy and sonotherapy.. <i>Pharmacological Research</i> , 2022 , 106218	10.2	2
150	Pulse-Echo Spectral Imaging 2022 , 1-10		
149	Decreased interhemispheric resting-state functional connectivity in male adolescents with conduct disorder. <i>Brain Imaging and Behavior</i> , 2021 , 15, 1201-1210	4.1	8
148	Task Difficulty Regulates How Conscious and Unconscious Monetary Rewards Boost the Performance of Working Memory: An Event-Related Potential Study.. <i>Frontiers in Systems Neuroscience</i> , 2021 , 15, 716961	3.5	
147	Can Masked Emotion-Laden Words Prime Emotion-Label Words? An ERP Test on the Mediated Account. <i>Frontiers in Psychology</i> , 2021 , 12, 721783	3.4	0
146	Exploring Affective Priming Effect of Emotion-Label Words and Emotion-Laden Words: An Event-Related Potential Study. <i>Brain Sciences</i> , 2021 , 11,	3.4	3
145	Relationship between circadian rhythm and brain cognitive functions. <i>Frontiers of Optoelectronics</i> , 2021 , 14, 278	2.8	2
144	EEG Decoding of Dynamic Facial Expressions of Emotion: Evidence from SSVEP and Causal Cortical Network Dynamics. <i>Neuroscience</i> , 2021 , 459, 50-58	3.9	2
143	Prevalence of Major Depressive Disorder Among Adults in China: A Systematic Review and Meta-Analysis. <i>Frontiers in Psychiatry</i> , 2021 , 12, 659470	5	1
142	Temperature-Feedback Nanoplatfom for NIR-II Penta-Modal Imaging-Guided Synergistic Photothermal Therapy and CAR-NK Immunotherapy of Lung Cancer. <i>Small</i> , 2021 , 17, e2101397	11	7
141	Polyphenol-Based Nanomedicine Evokes Immune Activation for Combination Cancer Treatment. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 1967-1975	16.4	38
140	Effects of TIP treatment on brain network topology of frontolimbic circuit in first-episode, treatment-naïve major depressive disorder. <i>Journal of Affective Disorders</i> , 2021 , 279, 122-130	6.6	0
139	Workplace violence and its association with quality of life among mental health professionals in China during the COVID-19 pandemic. <i>Journal of Psychiatric Research</i> , 2021 , 135, 289-293	5.2	14
138	Polyphenol-Based Nanomedicine Evokes Immune Activation for Combination Cancer Treatment. <i>Angewandte Chemie</i> , 2021 , 133, 1995-2003	3.6	
137	Second near-infrared photoactivatable biocompatible polymer nanoparticles for effective in vitro and in vivo cancer theranostics. <i>Nanoscale</i> , 2021 , 13, 13410-13420	7.7	3

136	Brain Hemispheres Swap Dominance for Processing Semantically Meaningful Pitch. <i>Frontiers in Human Neuroscience</i> , 2021 , 15, 621677	3.3	2
135	A hypoxia responsive nanoassembly for tumor specific oxygenation and enhanced sonodynamic therapy. <i>Biomaterials</i> , 2021 , 275, 120822	15.6	15
134	Supramolecular Tropism Driven Aggregation of Nanoparticles In Situ for Tumor-Specific Bioimaging and Photothermal Therapy. <i>Small</i> , 2021 , 17, e2101332	11	8
133	Supramolecular micelles as multifunctional theranostic agents for synergistic photodynamic therapy and hypoxia-activated chemotherapy. <i>Acta Biomaterialia</i> , 2021 , 131, 483-492	10.8	6
132	Species and individual differences and connectional asymmetry of Broca's area in humans and macaques. <i>NeuroImage</i> , 2021 , 244, 118583	7.9	0
131	Thermosensitive Polymer Dot Nanocomposites for Trimodal Computed Tomography/Photoacoustic/Fluorescence Imaging-Guided Synergistic Chemo-Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 51174-51184	9.5	9
130	Inhibiting tumor oxygen metabolism and simultaneously generating oxygen by intelligent upconversion nanotherapeutics for enhanced photodynamic therapy. <i>Biomaterials</i> , 2020 , 251, 120088	15.6	33
129	Prevalence of comorbid depression in schizophrenia: A meta-analysis of observational studies. <i>Journal of Affective Disorders</i> , 2020 , 273, 524-531	6.6	11
128	NIR-II Dual-Modal Optical Coherence Tomography and Photoacoustic Imaging-Guided Dose-Control Cancer Chemotherapy. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 1964-1973	4.3	6
127	Altered Functional Connectivity in the Motor and Prefrontal Cortex for Children With Down's Syndrome: An fNIRS Study. <i>Frontiers in Human Neuroscience</i> , 2020 , 14, 6	3.3	10
126	Classification of pure conduct disorder from healthy controls based on indices of brain networks during resting state. <i>Medical and Biological Engineering and Computing</i> , 2020 , 58, 2071-2082	3.1	2
125	ROS-Responsive Berberine Polymeric Micelles Effectively Suppressed the Inflammation of Rheumatoid Arthritis by Targeting Mitochondria. <i>Nano-Micro Letters</i> , 2020 , 12, 76	19.5	22
124	Ultrasmall Semiconducting Polymer Dots with Rapid Clearance for Second Near-Infrared Photoacoustic Imaging and Photothermal Cancer Therapy. <i>Advanced Functional Materials</i> , 2020 , 30, 1909673	15.6	54
123	Functional near-infrared spectroscopy can detect low-frequency hemodynamic oscillations in the prefrontal cortex during steady-state visual evoked potential-inducing periodic facial expression stimuli presentation. <i>Visual Computing for Industry, Biomedicine, and Art</i> , 2020 , 3, 28	2.9	0
122	Combining optical coherence tomography with magnetic resonance angiography and Doppler ultrasonography for clinical detection of scleroderma. <i>Anatomical Record</i> , 2020 , 303, 3108-3116	2.1	4
121	Immunoscore Guided Cold Tumors to Acquire Temperature Through Integrating Physicochemical and Biological Methods. <i>BIO Integration</i> , 2020 , 1, 6-14	4.1	9
120	Electrophysiological Evidence of Attentional Avoidance in Sub-Clinical Individuals With Obsessive-Compulsive Symptoms. <i>IEEE Access</i> , 2020 , 8, 91020-91027	3.5	
119	Co-encapsulating indocyanine green and CT contrast agent within nanoliposomes for trimodal imaging and near infrared phototherapy of cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020 , 29, 102269	6	5

118	Active-Targeting NIR-II Phototheranostics in Multiple Tumor Models Using Platelet-Camouflaged Nanoprobes. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 55624-55637	9.5	8
117	More than just statics: Abnormal dynamic amplitude of low-frequency fluctuation in adolescent patients with pure conduct disorder. <i>Journal of Psychiatric Research</i> , 2020 , 131, 60-68	5.2	3
116	Polymer Dots for Precision Photothermal Therapy of Brain Tumors in the Second Near-Infrared Window: A Mini-Review. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 4319-4330	4.3	5
115	Recent Advances in Conjugated Polymer Nanoparticles for NIR-II Imaging and Therapy. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 4241-4257	4.3	22
114	Different early and late processing of emotion-label words and emotion-laden words in a second language: An ERP study. <i>Second Language Research</i> , 2020 , 36, 399-412	2.3	12
113	Low-toxicity FePt nanoparticles for the targeted and enhanced diagnosis of breast tumors using few centimeters deep whole-body photoacoustic imaging. <i>Photoacoustics</i> , 2020 , 19, 100179	9	10
112	Affective picture processing is modulated by emotion word type in masked priming paradigm: an event-related potential study. <i>Journal of Cognitive Psychology</i> , 2020 , 32, 287-297	0.9	6
111	Ultrasound Responsive Magnetic Mesoporous Silica Nanoparticle-Loaded Microbubbles for Efficient Gene Delivery. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 2904-2912	5.5	20
110	A Look Into the Power of fNIRS Signals by Using the Welch Power Spectral Estimate for Deception Detection. <i>Frontiers in Human Neuroscience</i> , 2020 , 14, 606238	3.3	1
109	Two-stage CNNs for computerized BI-RADS categorization in breast ultrasound images. <i>BioMedical Engineering OnLine</i> , 2019 , 18, 8	4.1	17
108	Regulating the color output and simultaneously enhancing the intensity of upconversion nanoparticles via a dye sensitization strategy. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 8607-8615	7.1	13
107	Causal Cortical Network for Arithmetic Problem-Solving Represents Brain's Planning Rather than Reasoning. <i>International Journal of Biological Sciences</i> , 2019 , 15, 1148-1160	11.2	2
106	DHX33 Interacts with AP-2 α to Regulate Gene Expression and Promote Cancer Cell Survival. <i>Molecular and Cellular Biology</i> , 2019 , 39,	4.8	9
105	Nano-loaded natural killer cells as carriers of indocyanine green for synergetic cancer immunotherapy and phototherapy. <i>Journal of Innovative Optical Health Sciences</i> , 2019 , 12, 1941002	1.2	10
104	Multifunctional conjugated polymer nanoparticles for photoacoustic-based multimodal imaging and cancer photothermal therapy. <i>Journal of Innovative Optical Health Sciences</i> , 2019 , 12, 1930001	1.2	9
103	Non-speech and speech pitch perception among Cantonese-speaking children with autism spectrum disorder: An ERP study. <i>Neuroscience Letters</i> , 2019 , 703, 205-212	3.3	5
102	Nanoliposomes Co-Encapsulating CT Imaging Contrast Agent and Photosensitizer for Enhanced, Imaging Guided Photodynamic Therapy of Cancer. <i>Theranostics</i> , 2019 , 9, 1323-1335	12.1	38
101	Psychopathology and extrapyramidal side effects in smoking and non-smoking patients with schizophrenia: Systematic review and meta-analysis of comparative studies. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019 , 92, 476-482	5.5	9

100	McGurk Effect by Individuals with Autism Spectrum Disorder and Typically Developing Controls: A Systematic Review and Meta-analysis. <i>Journal of Autism and Developmental Disorders</i> , 2019 , 49, 34-43	4.6	15
99	Reliability evaluation on weighted graph metrics of fNIRS brain networks. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019 , 9, 832-841	3.6	8
98	Molecular Engineering of Near-Infrared Light-Responsive BODIPY-Based Nanoparticles with Enhanced Photothermal and Photoacoustic Efficiencies for Cancer Theranostics. <i>Theranostics</i> , 2019 , 9, 5315-5331	12.1	27
97	A DTI study of leukoaraiosis and the differential diagnosis between leukoaraiosis and acute lacunar infarction. <i>CNS Neuroscience and Therapeutics</i> , 2019 , 25, 1064-1067	6.8	3
96	Activatable Small-Molecule Photoacoustic Probes that Cross the Blood-Brain Barrier for Visualization of Copper(II) in Mice with Alzheimer's Disease. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 12415-12419	16.4	53
95	Differentiating emotion-label words and emotion-laden words in emotion conflict: an ERP study. <i>Experimental Brain Research</i> , 2019 , 237, 2423-2430	2.3	10
94	Activatable Small-Molecule Photoacoustic Probes that Cross the Blood-Brain Barrier for Visualization of Copper(II) in Mice with Alzheimer's Disease. <i>Angewandte Chemie</i> , 2019 , 131, 12545-12549	3.6	3
93	Effective Connectivity of the Fronto-Parietal Network during the Tangram Task in a Natural Environment. <i>Neuroscience</i> , 2019 , 422, 202-211	3.9	10
92	Linking brain activation to topological organization in the frontal lobe as a synergistic indicator to characterize the difference between various cognitive processes of executive functions. <i>Neurophotonics</i> , 2019 , 6, 025008	3.9	3
91	Abnormal dynamic functional connectivity and brain states in Alzheimer's diseases: functional near-infrared spectroscopy study. <i>Neurophotonics</i> , 2019 , 6, 025010	3.9	21
90	Prevalence of suicide attempts in bipolar disorder: a systematic review and meta-analysis of observational studies. <i>Epidemiology and Psychiatric Sciences</i> , 2019 , 29, e63	5.1	28
89	An ERP investigation on the second language and emotion perception: the role of emotion word type. <i>International Journal of Bilingual Education and Bilingualism</i> , 2019 , 1-13	1.7	4
88	Machine learning: assessing neurovascular signals in the prefrontal cortex with non-invasive bimodal electro-optical neuroimaging in opiate addiction. <i>Scientific Reports</i> , 2019 , 9, 18262	4.9	10
87	A novel phase analysis method for examining fNIRS neuroimaging data associated with Chinese/English sight translation. <i>Behavioural Brain Research</i> , 2019 , 361, 151-158	3.4	6
86	Multispectral photoacoustic imaging of cancer with broadband CuS nanoparticles covering both near-infrared I and II biological windows. <i>Journal of Biophotonics</i> , 2019 , 12, e201800237	3.1	6
85	Polymer Dots Compartmentalized in Liposomes as a Photocatalyst for In Situ Hydrogen Therapy. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 2744-2748	16.4	52
84	Dual-Modal In Vivo Fluorescence/Photoacoustic Microscopy Imaging of Inflammation Induced by GFP-Expressing Bacteria. <i>Sensors</i> , 2019 , 19,	3.8	5
83	The development and validation of a short version of the 33-item Hypomania Checklist (HCL-33). <i>Journal of Affective Disorders</i> , 2018 , 235, 206-210	6.6	6

82	Imaging molecular signatures for clinical detection of scleroderma in the hand by multispectral photoacoustic elastic tomography. <i>Journal of Biophotonics</i> , 2018 , 11, e201700267	3.1	14
81	Highly Stable Conjugated Polymer Dots as Multifunctional Agents for Photoacoustic Imaging-Guided Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 7012-7021	9.5	46
80	Mindfulness-based interventions for major depressive disorder: A comprehensive meta-analysis of randomized controlled trials. <i>Journal of Affective Disorders</i> , 2018 , 229, 429-436	6.6	34
79	Prospective memory in bipolar disorder: A meta-analysis. <i>Psychiatry Research</i> , 2018 , 259, 184-190	9.9	7
78	Neuroticism and conscientiousness respectively positively and negatively correlated with the network characteristic path length in dorsal lateral prefrontal cortex: A resting-state fNIRS study. <i>Brain and Behavior</i> , 2018 , 8, e01074	3.4	8
77	Combining Behavioral and ERP Methodologies to Investigate the Differences Between McGurk Effects Demonstrated by Cantonese and Mandarin Speakers. <i>Frontiers in Human Neuroscience</i> , 2018 , 12, 181	3.3	1
76	Self-Quenched Metal-Organic Particles as Dual-Mode Therapeutic Agents for Photoacoustic Imaging-Guided Second Near-Infrared Window Photochemotherapy. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 25203-25212	9.5	52
75	Detecting Concealed Information with Fused Electroencephalography and Functional Near-infrared Spectroscopy. <i>Neuroscience</i> , 2018 , 386, 284-294	3.9	10
74	Mapping the small-world properties of brain networks in Chinese to English simultaneous interpreting by using functional near-infrared spectroscopy. <i>Journal of Innovative Optical Health Sciences</i> , 2018 , 11, 1840001	1.2	3
73	Optical mapping of prefrontal brain connectivity and activation during emotion anticipation. <i>Behavioural Brain Research</i> , 2018 , 350, 122-128	3.4	16
72	Prevalence of major depressive disorder in older adults in China: A systematic review and meta-analysis. <i>Journal of Affective Disorders</i> , 2018 , 241, 297-304	6.6	29
71	Alternative translation initiation from two in-frame start codons in DHX33 gene. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 502, 501-507	3.4	2
70	Which is more costly in Chinese to English simultaneous interpreting, "pairing" or "transphrasing"? Evidence from an fNIRS neuroimaging study. <i>Neurophotonics</i> , 2018 , 5, 025010	3.9	6
69	Emotion recognition and its relation to prefrontal function and network in heroin plus nicotine dependence: a pilot study. <i>Neurophotonics</i> , 2018 , 5, 025011	3.9	12
68	Exploring the neural correlates of lexical stress perception in english among Chinese-English bilingual children with autism spectrum disorder: An ERP study. <i>Neuroscience Letters</i> , 2018 , 666, 158-164	3.3	2
67	Protein-modified ultra-small gold clusters for dual-modal fluorescence/photoacoustic imaging. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018 , 8, 326-332	3.6	4
66	In vivo blood viscosity characterization based on frequency-resolved photoacoustic measurement. <i>Applied Physics Letters</i> , 2018 , 113, 143703	3.4	7
65	Depressive symptoms in patients with irritable bowel syndrome: a meta-analysis of comparative studies. <i>International Journal of Biological Sciences</i> , 2018 , 14, 1504-1512	11.2	15

64	Concurrent mapping of brain activation from multiple subjects during social interaction by hyperscanning: a mini-review. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018 , 8, 819-837	3.6	29
63	The effect of V-ATPase function defects in pathogenesis of Alzheimer's disease. <i>CNS Neuroscience and Therapeutics</i> , 2018 , 24, 837-840	6.8	3
62	Optical Mapping of Brain Activation and Connectivity in Occipitotemporal Cortex During Chinese Character Recognition. <i>Brain Topography</i> , 2018 , 31, 1014-1028	4.3	6
61	Retroreflective-type Janus microspheres as a novel contrast agent for enhanced optical coherence tomography. <i>Journal of Biophotonics</i> , 2017 , 10, 878-886	3.1	17
60	Comparison of the 32-item Hypomania Checklist, the 33-item Hypomania Checklist, and the Mood Disorders Questionnaire for bipolar disorder. <i>Psychiatry and Clinical Neurosciences</i> , 2017 , 71, 403-408	6.2	5
59	Abnormal resting-state functional connectivity in the orbitofrontal cortex of heroin users and its relationship with anxiety: a pilot fNIRS study. <i>Scientific Reports</i> , 2017 , 7, 46522	4.9	21
58	Nanoscale metal-organic frameworks coated with poly(vinyl alcohol) for ratiometric peroxynitrite sensing through FRET. <i>Chemical Science</i> , 2017 , 8, 5101-5106	9.4	44
57	Enhanced Phototherapy by Nanoparticle-Enzyme via Generation and Photolysis of Hydrogen Peroxide. <i>Nano Letters</i> , 2017 , 17, 4323-4329	11.5	156
56	Short- and long-range functional connectivity density alterations in adolescents with pure conduct disorder at resting-state. <i>Neuroscience</i> , 2017 , 351, 96-107	3.9	27
55	Protein-Modified CuS Nanotriangles: A Potential Multimodal Nanoplatfrom for In Vivo Tumor Photoacoustic/Magnetic Resonance Dual-Modal Imaging. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1601094	10.1	36
54	Photoacoustic-Based Multimodal Nanoprobes: from Constructing to Biological Applications. <i>International Journal of Biological Sciences</i> , 2017 , 13, 401-412	11.2	10
53	Attentional avoidance of threats in obsessive compulsive disorder: An event related potential study. <i>Behaviour Research and Therapy</i> , 2017 , 97, 96-104	5.2	9
52	Investigation of the Changes in the Power Distribution in Resting-State Brain Networks Associated with Pure Conduct Disorder. <i>Scientific Reports</i> , 2017 , 7, 5528	4.9	3
51	Highly absorbing multispectral near-infrared polymer nanoparticles from one conjugated backbone for photoacoustic imaging and photothermal therapy. <i>Biomaterials</i> , 2017 , 144, 42-52	15.6	87
50	Optical mapping of the dominant frequency of brain signal oscillations in motor systems. <i>Scientific Reports</i> , 2017 , 7, 14703	4.9	8
49	A PIID-DTBT based semi-conducting polymer dots with broad and strong optical absorption in the visible-light region: Highly effective contrast agents for multiscale and multi-spectral photoacoustic imaging. <i>Nano Research</i> , 2017 , 10, 64-76	10	31
48	Individuals with high obsessive-compulsive tendencies or undermined confidence rely more on external proxies to access their internal states. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 2017 , 54, 263-269	2.6	6
47	Optical mapping of brain activation during the English to Chinese and Chinese to English sight translation. <i>Biomedical Optics Express</i> , 2017 , 8, 5399-5411	3.5	13

46	Different Neural Correlates of Emotion-Label Words and Emotion-Laden Words: An ERP Study. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 455	3.3	17
45	Diffusion Tensor Imaging Tractography Reveals Disrupted White Matter Structural Connectivity Network in Healthy Adults with Insomnia Symptoms. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 583	3.3	23
44	Disrupted small-world brain network topology in pure conduct disorder. <i>Oncotarget</i> , 2017 , 8, 65506-65534	3.4	11
43	Decreased Resting-State Activity in the Precuneus Is Associated With Depressive Episodes in Recurrent Depression. <i>Journal of Clinical Psychiatry</i> , 2017 , 78, e372-e382	4.6	35
42	Multi-spectral photoacoustic elasticity tomography. <i>Biomedical Optics Express</i> , 2016 , 7, 3323-3334	3.5	24
41	Reduced spontaneous neuronal activity in the insular cortex and thalamus in healthy adults with insomnia symptoms. <i>Brain Research</i> , 2016 , 1648, 317-324	3.7	38
40	Dual-Modality Imaging of the Human Finger Joint Systems by Using Combined Multispectral Photoacoustic Computed Tomography and Ultrasound Computed Tomography. <i>BioMed Research International</i> , 2016 , 2016, 1453272	3	10
39	An Investigation of the Differences and Similarities between Generated Small-World Networks for Right- and Left-Hand Motor Imageries. <i>Scientific Reports</i> , 2016 , 6, 36562	4.9	4
38	Mapping the small-world properties of brain networks in deception with functional near-infrared spectroscopy. <i>Scientific Reports</i> , 2016 , 6, 25297	4.9	25
37	Quantification of fat deposition in bone marrow in the lumbar vertebra by proton MRS and in-phase and out-of-phase MRI for the diagnosis of osteoporosis. <i>Journal of X-Ray Science and Technology</i> , 2016 , 24, 257-66	2.1	3
36	Two schemes for quantitative photoacoustic tomography based on Monte Carlo simulation. <i>Medical Physics</i> , 2016 , 43, 3987	4.4	31
35	Whole-body multispectral photoacoustic imaging of adult zebrafish. <i>Biomedical Optics Express</i> , 2016 , 7, 3543-3550	3.5	14
34	Multigrid-based reconstruction algorithm for quantitative photoacoustic tomography. <i>Biomedical Optics Express</i> , 2015 , 6, 2424-34	3.5	9
33	In vivo three-dimensional characterization of the adult zebrafish brain using a 1325 nm spectral-domain optical coherence tomography system with the 27 frame/s video rate. <i>Biomedical Optics Express</i> , 2015 , 6, 3932-40	3.5	15
32	Combining self-organizing mapping and supervised affinity propagation clustering approach to investigate functional brain networks involved in motor imagery and execution with fMRI measurements. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 400	3.3	1
31	Functional Connectivity Estimated from Resting-State fMRI Reveals Selective Alterations in Male Adolescents with Pure Conduct Disorder. <i>PLoS ONE</i> , 2015 , 10, e0145668	3.7	26
30	Nanoparticle Probes for Structural and Functional Photoacoustic Molecular Tomography. <i>BioMed Research International</i> , 2015 , 2015, 757101	3	20
29	PET/SPECT molecular imaging in clinical neuroscience: recent advances in the investigation of CNS diseases. <i>Quantitative Imaging in Medicine and Surgery</i> , 2015 , 5, 433-47	3.6	72

28	Quantification of the power changes in BOLD signals using Welch spectrum method during different single-hand motor imageries. <i>Magnetic Resonance Imaging</i> , 2014 , 32, 1307-13	3.3	5
27	Combining canonical correlation analysis and infinite reference for frequency recognition of steady-state visual evoked potential recordings: a comparison with periodogram method. <i>Bio-Medical Materials and Engineering</i> , 2014 , 24, 2901-8	1	1
26	Comparison of Regularization Methods in Fluorescence Molecular Tomography. <i>Photonics</i> , 2014 , 1, 95-109	10.9	21
25	Quantification of the chemical composition variations of tumors in photothermal therapy by photoacoustic spectroscopy: an in vitro study. <i>Bio-Medical Materials and Engineering</i> , 2014 , 24, 3411-8	1	1
24	Osteoarthritis and psoriatic arthritis: findings in three-dimensional biophotonics imaging. <i>Bio-Medical Materials and Engineering</i> , 2014 , 24, 3063-71	1	1
23	A systematic investigation of reflectance diffuse optical tomography using nonlinear reconstruction methods and continuous wave measurements. <i>Biomedical Optics Express</i> , 2014 , 5, 3011-22	3.5	8
22	White matter structure in loneliness: preliminary findings from diffusion tensor imaging. <i>NeuroReport</i> , 2014 , 25, 843-847	1.7	15
21	Diffuse Optical Tomography of Osteoarthritis 2013 , 561		
20	Combining independent component analysis and Granger causality to investigate brain network dynamics with fNIRS measurements. <i>Biomedical Optics Express</i> , 2013 , 4, 2629-43	3.5	42
19	Fusion of fNIRS and fMRI data: identifying when and where hemodynamic signals are changing in human brains. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 676	3.3	39
18	A calibration-free, one-step method for quantitative photoacoustic tomography. <i>Medical Physics</i> , 2012 , 39, 6895-9	4.4	18
17	Computer-aided classification of optical images for diagnosis of osteoarthritis in the finger joints. <i>Journal of X-Ray Science and Technology</i> , 2011 , 19, 531-44	2.1	7
16	Photoacoustic Tomography 2011 , 337-367		
15	High-resolution x-ray guided three-dimensional diffuse optical tomography of joint tissues in hand osteoarthritis: morphological and functional assessments. <i>Medical Physics</i> , 2010 , 37, 4343-54	4.4	11
14	Photoacoustic tomography for imaging nanoparticles. <i>Methods in Molecular Biology</i> , 2010 , 624, 309-24	1.4	12
13	A higher order diffusion model for three-dimensional photon migration and image reconstruction in optical tomography. <i>Physics in Medicine and Biology</i> , 2009 , 54, 65-88	3.8	34
12	Comparison of diffusion approximation and higher order diffusion equations for optical tomography of osteoarthritis. <i>Journal of Biomedical Optics</i> , 2009 , 14, 054013	3.5	13
11	Simultaneous recovery of tissue physiological and acoustic properties and the criteria for wavelength selection in multispectral photoacoustic tomography. <i>Optics Letters</i> , 2009 , 34, 1714-6	3	42

10	Quantitative photoacoustic tomography. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2009 , 367, 3043-54	3	25
9	Tomographic x-ray-guided three-dimensional diffuse optical tomography of osteoarthritis in the finger joints. <i>Journal of Biomedical Optics</i> , 2008 , 13, 044006	3.5	37
8	Three-dimensional finite-element-based photoacoustic tomography: reconstruction algorithm and simulations. <i>Medical Physics</i> , 2007 , 34, 538-46	4.4	51
7	Three-dimensional diffuse optical tomography of osteoarthritis: initial results in the finger joints. <i>Journal of Biomedical Optics</i> , 2007 , 12, 034001	3.5	31
6	Reconstruction of optical absorption coefficient maps of heterogeneous media by photoacoustic tomography coupled with diffusion equation based regularized Newton method. <i>Optics Express</i> , 2007 , 15, 18076-81	3.3	67
5	Image reconstruction scheme that combines modified Newton method and efficient initial guess estimation for optical tomography of finger joints. <i>Applied Optics</i> , 2007 , 46, 2757-68	1.7	14
4	Quantitative photoacoustic tomography: Recovery of optical absorption coefficient maps of heterogeneous media. <i>Applied Physics Letters</i> , 2006 , 88, 231101	3.4	116
3	Finite-element-based photoacoustic tomography: phantom and chicken bone experiments. <i>Applied Optics</i> , 2006 , 45, 3177-83	1.7	18
2	Imaging of small nanoparticle-containing objects by finite-element-based photoacoustic tomography. <i>Optics Letters</i> , 2005 , 30, 3054-6	3	35
1	Word or morpheme? Investigating the representation units of L1 and L2 Chinese compound words in mental lexicon using a repetition priming paradigm. <i>International Journal of Bilingual Education and Bilingualism</i> , 1-15	1.7	1