Yubin Liu

List of Publications by Year
in descending order

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163	4,385	94433	155660
papers	citations	37 h-index	55 g-index

167	167	167	5033
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In vivo Iron-Based Coordination Assembly for Disease Diagnosis and Treatment. BIO Integration, 2023, 4, .	1.3	0
2	An ERP investigation on the second language and emotion perception: the role of emotion word type. International Journal of Bilingual Education and Bilingualism, 2022, 25, 539-551.	2.1	14
3	Word or morpheme? Investigating the representation units of L1 and L2 Chinese compound words in mental lexicon using a repetition priming paradigm. International Journal of Bilingual Education and Bilingualism, 2022, 25, 2382-2396.	2.1	5
4	Optical neuroimaging of executive function impairments in food addiction. Journal of Innovative Optical Health Sciences, 2022, 15, .	1.0	2
5	Phototheranostic Metal-Phenolic Networks with Antiexosomal PD-L1 Enhanced Ferroptosis for Synergistic Immunotherapy. Journal of the American Chemical Society, 2022, 144, 787-797.	13.7	142
6	Threeâ€dimensional reconstruction of Kambin's triangle based on automated magnetic resonance image segmentation. Journal of Orthopaedic Research, 2022, 40, 2914-2923.	2.3	8
7	Oxygen-carrying biomimetic nanoplatform for sonodynamic killing of bacteria and treatment of infection diseases. Ultrasonics Sonochemistry, 2022, 84, 105972.	8.2	15
8	Recent advances in glioma microenvironment-response nanoplatforms for phototherapy and sonotherapy. Pharmacological Research, 2022, 179, 106218.	7.1	18
9	Targeted delivery and enhanced uptake of chemo-photodynamic nanomedicine for melanoma treatment. Acta Biomaterialia, 2022, 147, 356-365.	8.3	18
10	Dual nanoenzymes loaded hollow mesoporous organotantalum nanospheres for chemo-radio sensitization. Journal of Controlled Release, 2022, 347, 369-378.	9.9	9
11	Pulse-Echo Spectral Imaging. , 2022, , 1-10.		0
12	Decreased interhemispheric resting-state functional connectivity in male adolescents with conduct disorder. Brain Imaging and Behavior, 2021, 15, 1201-1210.	2.1	20
13	Polyphenolâ€Based Nanomedicine Evokes Immune Activation for Combination Cancer Treatment. Angewandte Chemie - International Edition, 2021, 60, 1967-1975.	13.8	96
14	Effects of TIP treatment on brain network topology of frontolimbic circuit in first-episode, treatment-naÃ¯ve major depressive disorder. Journal of Affective Disorders, 2021, 279, 122-130.	4.1	2
15	Workplace violence and its association with quality of life among mental health professionals in China during the COVID-19 pandemic. Journal of Psychiatric Research, 2021, 135, 289-293.	3.1	45
16	Polyphenolâ€Based Nanomedicine Evokes Immune Activation for Combination Cancer Treatment. Angewandte Chemie, 2021, 133, 1995-2003.	2.0	0
17	Ultrasound Neuromodulation: Integrating Medicine and Engineering for Neurological Disease Treatment. BIO Integration, 2021, 2, .	1.3	4
18	Second near-infrared photoactivatable biocompatible polymer nanoparticles for effective in vitro and in vivo cancer theranostics. Nanoscale, 2021, 13, 13410-13420.	5.6	11

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19	Brain Hemispheres Swap Dominance for Processing Semantically Meaningful Pitch. Frontiers in Human Neuroscience, 2021, 15, 621677.	2.0	5
20	Exploring Affective Priming Effect of Emotion-Label Words and Emotion-Laden Words: An Event-Related Potential Study. Brain Sciences, 2021, 11, 553.	2.3	18
21	Relationship between circadian rhythm and brain cognitive functions. Frontiers of Optoelectronics, 2021, 14, 278-287.	3.7	15
22	EEG Decoding of Dynamic Facial Expressions of Emotion: Evidence from SSVEP and Causal Cortical Network Dynamics. Neuroscience, 2021, 459, 50-58.	2.3	9
23	Prevalence of Major Depressive Disorder Among Adults in China: A Systematic Review and Meta-Analysis. Frontiers in Psychiatry, 2021, 12, 659470.	2.6	13
24	Temperatureâ€Feedback Nanoplatform for NIRâ€II Pentaâ€Modal Imagingâ€Guided Synergistic Photothermal Therapy and CARâ€NK Immunotherapy of Lung Cancer. Small, 2021, 17, e2101397.	10.0	38
25	A hypoxia responsive nanoassembly for tumor specific oxygenation and enhanced sonodynamic therapy. Biomaterials, 2021, 275, 120822.	11.4	57
26	Supramolecular Tropism Driven Aggregation of Nanoparticles In Situ for Tumorâ€Specific Bioimaging and Photothermal Therapy. Small, 2021, 17, e2101332.	10.0	26
27	Supramolecular micelles as multifunctional theranostic agents for synergistic photodynamic therapy and hypoxia-activated chemotherapy. Acta Biomaterialia, 2021, 131, 483-492.	8.3	28
28	Species and individual differences and connectional asymmetry of Broca's area in humans and macaques. NeuroImage, 2021, 244, 118583.	4.2	7
29	Can Masked Emotion-Laden Words Prime Emotion-Label Words? An ERP Test on the Mediated Account. Frontiers in Psychology, 2021, 12, 721783.	2.1	5
30	Task Difficulty Regulates How Conscious and Unconscious Monetary Rewards Boost the Performance of Working Memory: An Event-Related Potential Study. Frontiers in Systems Neuroscience, 2021, 15, 716961.	2.5	1
31	Different early and late processing of emotion-label words and emotion-laden words in a second language: An ERP study. Second Language Research, 2020, 36, 399-412.	2.0	25
32	Prevalence of suicide attempts in bipolar disorder: a systematic review and meta-analysis of observational studies. Epidemiology and Psychiatric Sciences, 2020, 29, e63.	3.9	68
33	Combining optical coherence tomography with magnetic resonance angiography and Doppler ultrasonography for clinical detection of scleroderma. Anatomical Record, 2020, 303, 3108-3116.	1.4	6
34	Immunoscore Guided Cold Tumors to Acquire â€œTemperatureâ€•Through Integrating Physicochemical and Biological Methods. BIO Integration, 2020, 1, .	1.3	13
35	Electrophysiological Evidence of Attentional Avoidance in Sub-Clinical Individuals With Obsessive-Compulsive Symptoms. IEEE Access, 2020, 8, 91020-91027.	4.2	4
36	Co-encapsulating indocyanine green and CT contrast agent within nanoliposomes for trimodal imaging and near infrared phototherapy of cancer. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 29, 102269.	3.3	10

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37	Active-Targeting NIR-II Phototheranostics in Multiple Tumor Models Using Platelet-Camouflaged Nanoprobes. ACS Applied Materials & Interfaces, 2020, 12, 55624-55637.	8.0	39
38	More than just statics: Abnormal dynamic amplitude of low-frequency fluctuation in adolescent patients with pure conduct disorder. Journal of Psychiatric Research, 2020, 131, 60-68.	3.1	15
39	Polymer Dots for Precision Photothermal Therapy of Brain Tumors in the Second Near-Infrared Window: A Mini-Review. ACS Applied Polymer Materials, 2020, 2, 4319-4330.	4.4	13
40	Recent Advances in Conjugated Polymer Nanoparticles for NIR-II Imaging and Therapy. ACS Applied Polymer Materials, 2020, 2, 4241-4257.	4.4	47
41	Thermosensitive Polymer Dot Nanocomposites for Trimodal Computed Tomography/Photoacoustic/Fluorescence Imaging-Guided Synergistic Chemo-Photothermal Therapy. ACS Applied Materials & Interfaces, 2020, 12, 51174-51184.	8.0	23
42	Inhibiting tumor oxygen metabolism and simultaneously generating oxygen by intelligent upconversion nanotherapeutics for enhanced photodynamic therapy. Biomaterials, 2020, 251, 120088.	11.4	58
43	Prevalence of comorbid depression in schizophrenia: A meta-analysis of observational studies. Journal of Affective Disorders, 2020, 273, 524-531.	4.1	37
44	Conducting Concurrent Electroencephalography and Functional Near-Infrared Spectroscopy Recordings with a Flanker Task. Journal of Visualized Experiments, 2020, , .	0.3	0
45	NIR-II Dual-Modal Optical Coherence Tomography and Photoacoustic Imaging-Guided Dose-Control Cancer Chemotherapy. ACS Applied Polymer Materials, 2020, 2, 1964-1973.	4.4	11
46	Altered Functional Connectivity in the Motor and Prefrontal Cortex for Children With Down's Syndrome: An fNIRS Study. Frontiers in Human Neuroscience, 2020, 14, 6.	2.0	20
47	Classification of pure conduct disorder from healthy controls based on indices of brain networks during resting state. Medical and Biological Engineering and Computing, 2020, 58, 2071-2082.	2.8	6
48	ROS-Responsive Berberine Polymeric Micelles Effectively Suppressed the Inflammation of Rheumatoid Arthritis by Targeting Mitochondria. Nano-Micro Letters, 2020, 12, 76.	27.0	60
49	Ultrasmall Semiconducting Polymer Dots with Rapid Clearance for Second Nearâ€Infrared Photoacoustic Imaging and Photothermal Cancer Therapy. Advanced Functional Materials, 2020, 30, 1909673.	14.9	107
50	Low-toxicity FePt nanoparticles for the targeted and enhanced diagnosis of breast tumors using few centimeters deep whole-body photoacoustic imaging. Photoacoustics, 2020, 19, 100179.	7.8	15
51	Affective picture processing is modulated by emotion word type in masked priming paradigm: an event-related potential study. Journal of Cognitive Psychology, 2020, 32, 287-297.	0.9	16
52	Ultrasound Responsive Magnetic Mesoporous Silica Nanoparticle-Loaded Microbubbles for Efficient Gene Delivery. ACS Biomaterials Science and Engineering, 2020, 6, 2904-2912.	5.2	47
53	A Look Into the Power of fNIRS Signals by Using the Welch Power Spectral Estimate for Deception Detection. Frontiers in Human Neuroscience, 2020, 14, 606238.	2.0	3
54	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. Visual Computing for Industry, Biomedicine, and Art, 2020, 3, 28.	3.7	4

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55	McGurk Effect by Individuals with Autism Spectrum Disorder and Typically Developing Controls: A Systematic Review and Meta-analysis. Journal of Autism and Developmental Disorders, 2019, 49, 34-43.	2.7	29
56	Reliability evaluation on weighted graph metrics of fNIRS brain networks. Quantitative Imaging in Medicine and Surgery, 2019, 9, 832-841.	2.0	15
57	Molecular Engineering of Near-Infrared Light-Responsive BODIPY-Based Nanoparticles with Enhanced Photothermal and Photoacoustic Efficiencies for Cancer Theranostics. Theranostics, 2019, 9, 5315-5331.	10.0	54
58	A DTI study of leukoaraiosis and the differential diagnosis between leukoaraiosis and acute lacunar infarction. CNS Neuroscience and Therapeutics, 2019, 25, 1064-1067.	3.9	3
59	Activatable Smallâ€Molecule Photoacoustic Probes that Cross the Bloodâ€“Brain Barrier for Visualization of Copper(II) in Mice with Alzheimer's Disease. Angewandte Chemie - International Edition, 2019, 58, 12415-12419.	13.8	80
60	Differentiating emotion-label words and emotion-laden words in emotion conflict: an ERP study. Experimental Brain Research, 2019, 237, 2423-2430.	1.5	24
61	Activatable Smallâ€Molecule Photoacoustic Probes that Cross the Bloodâ€“Brain Barrier for Visualization of Copper(II) in Mice with Alzheimer's Disease. Angewandte Chemie, 2019, 131, 12545-12549.	2.0	6
62	Editorial: Techniques Advances and Clinical Applications in Fused EEG-fNIRS. Frontiers in Human Neuroscience, 2019, 13, 408.	2.0	2
63	Effective Connectivity of the Fronto-Parietal Network during the Tangram Task in a Natural Environment. Neuroscience, 2019, 422, 202-211.	2.3	11
64	Two-stage CNNs for computerized BI-RADS categorization in breast ultrasound images. BioMedical Engineering OnLine, 2019, 18, 8.	2.7	44
65	Regulating the color output and simultaneously enhancing the intensity of upconversion nanoparticles via a dye sensitization strategy. Journal of Materials Chemistry C, 2019, 7, 8607-8615.	5.5	23
66	Causal Cortical Network for Arithmetic Problem-Solving Represents Brain's Planning Rather than Reasoning. International Journal of Biological Sciences, 2019, 15, 1148-1160.	6.4	6
67	DHX33 Interacts with AP-2Î² To Regulate Bcl-2 Gene Expression and Promote Cancer Cell Survival. Molecular and Cellular Biology, 2019, 39, .	2.3	18
68	Nano-loaded natural killer cells as carriers of indocyanine green for synergetic cancer immunotherapy and phototherapy. Journal of Innovative Optical Health Sciences, 2019, 12, .	1.0	17
69	Multifunctional conjugated polymer nanoparticles forÂphotoacoustic-based multimodal imaging and cancer photothermal therapy. Journal of Innovative Optical Health Sciences, 2019, 12, .	1.0	14
70	Non-speech and speech pitch perception among Cantonese-speaking children with autism spectrum disorder: An ERP study. Neuroscience Letters, 2019, 703, 205-212.	2.1	12
71	Nanoliposomes Co-Encapsulating CT Imaging Contrast Agent and Photosensitizer for Enhanced, Imaging Guided Photodynamic Therapy of Cancer. Theranostics, 2019, 9, 1323-1335.	10.0	64
72	Psychopathology and extrapyramidal side effects in smoking and non-smoking patients with schizophrenia: Systematic review and meta-analysis of comparative studies. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 92, 476-482.	4.8	15

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73	Machine learning: assessing neurovascular signals in the prefrontal cortex with non-invasive bimodal electro-optical neuroimaging in opiate addiction. Scientific Reports, 2019, 9, 18262.	3.3	14
74	A novel phase analysis method for examining fNIRS neuroimaging data associated with Chinese/English sight translation. Behavioural Brain Research, 2019, 361, 151-158.	2.2	9
75	Multispectral photoacoustic imaging of cancer with broadband CuS nanoparticles covering both nearâ€infrared I and II biological windows. Journal of Biophotonics, 2019, 12, e201800237.	2.3	17
76	Polymer Dots Compartmentalized in Liposomes as a Photocatalyst for In Situ Hydrogen Therapy. Angewandte Chemie - International Edition, 2019, 58, 2744-2748.	13.8	72
77	Dual-Modal In Vivo Fluorescence/Photoacoustic Microscopy Imaging of Inflammation Induced by GFP-Expressing Bacteria. Sensors, 2019, 19, 238.	3.8	9
78	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. Neurophotonics, 2019, 6, 1.	3.3	7
79	Abnormal dynamic functional connectivity and brain states in Alzheimerâ€™s diseases: functional near-infrared spectroscopy study. Neurophotonics, 2019, 6, 1.	3.3	35
80	The development and validation of a short version of the 33-item Hypomania Checklist (HCL-33). Journal of Affective Disorders, 2018, 235, 206-210.	4.1	7
81	Imaging molecular signatures for clinical detection of scleroderma in the hand by multispectral photoacoustic elastic tomography. Journal of Biophotonics, 2018, 11, e201700267.	2.3	24
82	Highly Stable Conjugated Polymer Dots as Multifunctional Agents for Photoacoustic Imaging-Guided Photothermal Therapy. ACS Applied Materials & Interfaces, 2018, 10, 7012-7021.	8.0	60
83	Mindfulness-based interventions for major depressive disorder: A comprehensive meta-analysis of randomized controlled trials. Journal of Affective Disorders, 2018, 229, 429-436.	4.1	47
84	Prospective memory in bipolar disorder: A meta-analysis. Psychiatry Research, 2018, 259, 184-190.	3.3	10
85	Exploring the neural correlates of lexical stress perception in english among Chinese-English bilingual children with autism spectrum disorder: An ERP study. Neuroscience Letters, 2018, 666, 158-164.	2.1	10
86	Protein-modified ultra-small gold clusters for dual-modal in vivo fluorescence/photoacoustic imaging. Quantitative Imaging in Medicine and Surgery, 2018, 8, 326-332.	2.0	5
87	In vivo blood viscosity characterization based on frequency-resolved photoacoustic measurement. Applied Physics Letters, 2018, 113, .	3.3	11
88	Depressive symptoms in patients with irritable bowel syndrome: a meta-analysis of comparative studies. International Journal of Biological Sciences, 2018, 14, 1504-1512.	6.4	35
89	Concurrent mapping of brain activation from multiple subjects during social interaction by hyperscanning: a mini-review. Quantitative Imaging in Medicine and Surgery, 2018, 8, 819-837.	2.0	70
90	The effect of Vâ€<scp>ATP</scp>ase function defects in pathogenesis of Alzheimer's disease. CNS Neuroscience and Therapeutics, 2018, 24, 837-840.	3.9	6

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91	Optical Mapping of Brain Activation and Connectivity in Occipitotemporal Cortex During Chinese Character Recognition. Brain Topography, 2018, 31, 1014-1028.	1.8	13
92	Neuroticism and conscientiousness respectively positively and negatively correlated with the network characteristic path length in dorsal lateral prefrontal cortex: A restingâ€state <scp>fNIRS</scp> study. Brain and Behavior, 2018, 8, e01074.	2.2	10
93	Combining Behavioral and ERP Methodologies to Investigate the Differences Between McGurk Effects Demonstrated by Cantonese and Mandarin Speakers. Frontiers in Human Neuroscience, 2018, 12, 181.	2.0	2
94	Self-Quenched Metalâ€“Organic Particles as Dual-Mode Therapeutic Agents for Photoacoustic Imaging-Guided Second Near-Infrared Window Photochemotherapy. ACS Applied Materials & Interfaces, 2018, 10, 25203-25212.	8.0	63
95	Detecting Concealed Information with Fused Electroencephalography and Functional Near-infrared Spectroscopy. Neuroscience, 2018, 386, 284-294.	2.3	16
96	Mapping the small-world properties of brain networks in Chinese to English simultaneous interpreting by using functional near-infrared spectroscopy. Journal of Innovative Optical Health Sciences, 2018, 11, .	1.0	11
97	Optical mapping of prefrontal brain connectivity and activation during emotion anticipation. Behavioural Brain Research, 2018, 350, 122-128.	2.2	19
98	Prevalence of major depressive disorder in older adults in China: A systematic review and meta-analysis. Journal of Affective Disorders, 2018, 241, 297-304.	4.1	45
99	Alternative translation initiation from two in-frame start codons in DHX33 gene. Biochemical and Biophysical Research Communications, 2018, 502, 501-507.	2.1	3
100	Which is more costly in Chinese to English simultaneous interpreting, â€œpairingâ€• or â€œtransphrasingâ€? Evidence from an fNIRS neuroimaging study. Neurophotonics, 2018, 5, 1.	3.3	10
101	Emotion recognition and its relation to prefrontal function and network in heroin plus nicotine dependence: a pilot study. Neurophotonics, 2018, 5, 1.	3.3	15
102	Retroreflectiveâ€type Janus microspheres as a novel contrast agent for enhanced optical coherence tomography. Journal of Biophotonics, 2017, 10, 878-886.	2.3	19
103	Comparison of the 32â€item Hypomania Checklist, the 33â€item Hypomania Checklist, and the Mood Disorders Questionnaire for bipolar disorder. Psychiatry and Clinical Neurosciences, 2017, 71, 403-408.	1.8	9
104	Abnormal resting-state functional connectivity in the orbitofrontal cortex of heroin users and its relationship with anxiety: a pilot fNIRS study. Scientific Reports, 2017, 7, 46522.	3.3	26
105	Nanoscale metalâ€“organic frameworks coated with poly(vinyl alcohol) for ratiometric peroxynitrite sensing through FRET. Chemical Science, 2017, 8, 5101-5106.	7.4	57
106	Enhanced Phototherapy by Nanoparticle-Enzyme via Generation and Photolysis of Hydrogen Peroxide. Nano Letters, 2017, 17, 4323-4329.	9.1	188
107	Short- and long-range functional connectivity density alterations in adolescents with pure conduct disorder at resting-state. Neuroscience, 2017, 351, 96-107.	2.3	35
108	Proteinâ€Modified CuS Nanotriangles: A Potential Multimodal Nanoplatform for In Vivo Tumor Photoacoustic/Magnetic Resonance Dualâ€Modal Imaging. Advanced Healthcare Materials, 2017, 6, 1601094.	7.6	50

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109	Attentional avoidance of threats in obsessive compulsive disorder: An event related potential study. Behaviour Research and Therapy, 2017, 97, 96-104.	3.1	18
110	Investigation of the Changes in the Power Distribution in Resting-State Brain Networks Associated with Pure Conduct Disorder. Scientific Reports, 2017, 7, 5528.	3.3	3
111	Highly absorbing multispectral near-infrared polymer nanoparticles from one conjugated backbone for photoacoustic imaging and photothermal therapy. Biomaterials, 2017, 144, 42-52.	11.4	107
112	Optical mapping of the dominant frequency of brain signal oscillations in motor systems. Scientific Reports, 2017, 7, 14703.	3.3	11
113	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. Nano Research, 2017, 10, 64-76.	10.4	36
114	Individuals with high obsessive-compulsive tendencies or undermined confidence rely more on external proxies to access their internal states. Journal of Behavior Therapy and Experimental Psychiatry, 2017, 54, 263-269.	1.2	8
115	Optical mapping of brain activation during the English to Chinese and Chinese to English sight translation. Biomedical Optics Express, 2017, 8, 5399.	2.9	22
116	Different Neural Correlates of Emotion-Label Words and Emotion-Laden Words: An ERP Study. Frontiers in Human Neuroscience, 2017, 11, 455.	2.0	43
117	Diffusion Tensor Imaging Tractography Reveals Disrupted White Matter Structural Connectivity Network in Healthy Adults with Insomnia Symptoms. Frontiers in Human Neuroscience, 2017, 11, 583.	2.0	38
118	Photoacoustic-Based Multimodal Nanoprobes: from Constructing to Biological Applications. International Journal of Biological Sciences, 2017, 13, 401-412.	6.4	14
119	Disrupted small-world brain network topology in pure conduct disorder. Oncotarget, 2017, 8, 65506-65524.	1.8	17
120	Decreased Resting-State Activity in the Precuneus Is Associated With Depressive Episodes in Recurrent Depression. Journal of Clinical Psychiatry, 2017, 78, e372-e382.	2.2	61
121	Dual-Modality Imaging of the Human Finger Joint Systems by Using Combined Multispectral Photoacoustic Computed Tomography and Ultrasound Computed Tomography. BioMed Research International, 2016, 2016, 1-7.	1.9	14
122	Fluorescent Probes for Biological Imaging. BioMed Research International, 2016, 2016, 1-1.	1.9	2
123	An Investigation of the Differences and Similarities between Generated Small-World Networks for Right- and Left-Hand Motor Imageries. Scientific Reports, 2016, 6, 36562.	3.3	7
124	Mapping the small-world properties of brain networks in deception with functional near-infrared spectroscopy. Scientific Reports, 2016, 6, 25297.	3.3	28
125	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. Journal of X-Ray Science and Technology, 2016, 24, 257-266.	1.0	9
126	Two schemes for quantitative photoacoustic tomography based on Monte Carlo simulation. Medical Physics, 2016, 43, 3987-3997.	3.0	39

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127	Spatial and spectral regularization for multispectral photoacoustic image clustering. , 2016, , .		2
128	Whole-body multispetral photoacoustic imaging of adult zebrafish. Biomedical Optics Express, 2016, 7, 3543.	2.9	19
129	Multi-spectral photoacoustic elasticity tomography. Biomedical Optics Express, 2016, 7, 3323.	2.9	26
130	Reduced spontaneous neuronal activity in the insular cortex and thalamus in healthy adults with insomnia symptoms. Brain Research, 2016, 1648, 317-324.	2.2	51
131	Combining self-organizing mapping and supervised affinity propagation clustering approach to investigate functional brain networks involved in motor imagery and execution with fMRI measurements. Frontiers in Human Neuroscience, 2015, 9, 400.	2.0	2
132	Functional Connectivity Estimated from Resting-State fMRI Reveals Selective Alterations in Male Adolescents with Pure Conduct Disorder. PLoS ONE, 2015, 10, e0145668.	2.5	33
133	Nanoparticle Probes for Structural and Functional Photoacoustic Molecular Tomography. BioMed Research International, 2015, 2015, 1-11.	1.9	23
134	In vivo non-invasive imaging of the adult zebrafish brain with a 1325 nm long range spectral-domain optical coherence tomography system. , 2015, , .		0
135	Multigrid-based reconstruction algorithm for quantitative photoacoustic tomography. Biomedical Optics Express, 2015, 6, 2424.	2.9	14
136	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. Biomedical Optics Express, 2015, 6, 3932.	2.9	28
137	PET/SPECT molecular imaging in clinical neuroscience: recent advances in the investigation of CNS diseases. Quantitative Imaging in Medicine and Surgery, 2015, 5, 433-47.	2.0	101
138	Comparison of Regularization Methods in Fluorescence Molecular Tomography. Photonics, 2014, 1, 95-109.	2.0	28
139	Quantification of the chemical composition variations of tumors in photothermal therapy by photoacoustic spectroscopy: An in vitro study. Bio-Medical Materials and Engineering, 2014, 24, 3411-3418.	0.6	1
140	Osteoarthritis and psoriatic arthritis: Findings in three-dimensional biophotonics imaging. Bio-Medical Materials and Engineering, 2014, 24, 3063-3071.	0.6	1
141	A systematic investigation of reflectance diffuse optical tomography using nonlinear reconstruction methods and continuous wave measurements. Biomedical Optics Express, 2014, 5, 3011.	2.9	12
142	White matter structure in loneliness. NeuroReport, 2014, 25, 843-847.	1.2	24
143	Quantification of the power changes in BOLD signals using Welch spectrum method during different single-hand motor imageries. Magnetic Resonance Imaging, 2014, 32, 1307-1313.	1.8	5
144	Combining canonical correlation analysis and infinite reference for frequency recognition of steady-state visual evoked potential recordings: A comparison with periodogram method. Bio-Medical Materials and Engineering, 2014, 24, 2901-2908.	0.6	1

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145	Combining independent component analysis and Granger causality to investigate brain network dynamics with fNIRS measurements. Biomedical Optics Express, 2013, 4, 2629.	2.9	53
146	Fusion of fNIRS and fMRI data: identifying when and where hemodynamic signals are changing in human brains. Frontiers in Human Neuroscience, 2013, 7, 676.	2.0	48
147	Diffuse Optical Tomography of Osteoarthritis. , 2013, , 561.		0
148	A calibrationâ€free, oneâ€step method for quantitative photoacoustic tomography. Medical Physics, 2012, 39, 6895-6899.	3.0	26
149	Computer-aided classification of optical images for diagnosis of osteoarthritis in the finger joints. Journal of X-Ray Science and Technology, 2011, 19, 531-544.	1.0	10
150	Highâ€resolution xâ€ray guided threeâ€dimensional diffuse optical tomography of joint tissues in hand osteoarthritis: Morphological and functional assessments. Medical Physics, 2010, 37, 4343-4354.	3.0	18
151	Photoacoustic Tomography for Imaging Nanoparticles. Methods in Molecular Biology, 2010, 624, 309-324.	0.9	15
152	A higher order diffusion model for three-dimensional photon migration and image reconstruction in optical tomography. Physics in Medicine and Biology, 2009, 54, 67-90.	3.0	42
153	Comparison of diffusion approximation and higher order diffusion equations for optical tomography of osteoarthritis. Journal of Biomedical Optics, 2009, 14, 054013.	2.6	13
154	Simultaneous recovery of tissue physiological and acoustic properties and the criteria for wavelength selection in multispectral photoacoustic tomography. Optics Letters, 2009, 34, 1714.	3.3	50
155	Quantitative photoacoustic tomography. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2009, 367, 3043-3054.	3.4	33
156	Tomographic x-rayâ€“guided three-dimensional diffuse optical tomography of osteoarthritis in the finger joints. Journal of Biomedical Optics, 2008, 13, 044006.	2.6	52
157	Three-dimensional finite-element-based photoacoustic tomography: Reconstruction algorithm and simulations. Medical Physics, 2007, 34, 538-546.	3.0	62
158	Three-dimensional diffuse optical tomography of osteoarthritis: initial results in the finger joints. Journal of Biomedical Optics, 2007, 12, 034001.	2.6	46
159	Reconstruction of optical absorption coefficient maps of heterogeneous media by photoacoustic tomography coupled with diffusion equation based regularized Newton method. Optics Express, 2007, 15, 18076.	3.4	83
160	Image reconstruction scheme that combines modified Newton method and efficient initial guess estimation for optical tomography of finger joints. Applied Optics, 2007, 46, 2757.	2.1	16
161	Finite-element-based photoacoustic tomography: phantom and chicken bone experiments. Applied Optics, 2006, 45, 3177.	2.1	23
162	Quantitative photoacoustic tomography: Recovery of optical absorption coefficient maps of heterogeneous media. Applied Physics Letters, 2006, 88, 231101.	3.3	142

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163	Imaging of small nanoparticle-containing objects by finite-element-based photoacoustic tomography. Optics Letters, 2005, 30, 3054.	3.3	45