

Guang Yang

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

2,462
citations

257101

24
h-index

205818

48
g-index

64
all docs

64
docs citations

64
times ranked

3653
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiomic analysis of contrast-enhanced CT predicts microvascular invasion and outcome in hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2019, 70, 1133-1144.	1.8	444
2	Construction of Smart Supramolecular Polymeric Hydrogels Cross-linked by Discrete Organoplatinum(II) Metallacycles via Post-Assembly Polymerization. <i>Journal of the American Chemical Society</i> , 2016, 138, 4927-4937.	6.6	184
3	Bamboo-like amorphous carbon nanotubes clad in ultrathin nickel oxide nanosheets for lithium-ion battery electrodes with long cycle life. <i>Carbon</i> , 2015, 84, 491-499.	5.4	145
4	Computer-aided diagnosis of prostate cancer using a deep convolutional neural network from multiparametric MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 1570-1577.	1.9	142
5	FeAture Explorer (FAE): A tool for developing and comparing radiomics models. <i>PLoS ONE</i> , 2020, 15, e0237587.	1.1	126
6	Protein crystalline frameworks with controllable interpenetration directed by dual supramolecular interactions. <i>Nature Communications</i> , 2014, 5, 4634.	5.8	112
7	CO ₂ Stimuli-Responsive, Injectable Block Copolymer Hydrogels Cross-Linked by Discrete Organoplatinum(II) Metallacycles via Stepwise Post-Assembly Polymerization. <i>Journal of the American Chemical Society</i> , 2017, 139, 13811-13820.	6.6	110
8	Precise and Reversible Protein-Microtubule-Like Structure with Helicity Driven by Dual Supramolecular Interactions. <i>Journal of the American Chemical Society</i> , 2016, 138, 1932-1937.	6.6	85
9	A NiCo ₂ O ₄ nanosheet-mesoporous carbon composite electrode for enhanced reversible lithium storage. <i>Carbon</i> , 2016, 99, 633-641.	5.4	77
10	Stimuli-Responsive Supramolecular Gels through Hierarchical Self-Assembly of Discrete Rhomboidal Metallacycles. <i>Chemistry - A European Journal</i> , 2013, 19, 10094-10100.	1.7	76
11	Sweet-Architecture-Dependent Uptake of Glycocalyx-Mimicking Nanoparticles Based on Biodegradable Aliphatic Polyesters by Macrophages. <i>Journal of the American Chemical Society</i> , 2017, 139, 14684-14692.	6.6	64
12	A tetraphenylethylene (TPE)-based supra-amphiphilic organoplatinum(II) metallacycle and its self-assembly behaviour. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1823-1828.	3.2	63
13	Highly Ordered Self-Assembly of Native Proteins into 1D, 2D, and 3D Structures Modulated by the Tether Length of Assembly-Inducing Ligands. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10691-10695.	7.2	59
14	Quantitative susceptibility mapping (QSM) minimizes interference from cellular pathology in R2* estimation of liver iron concentration. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 1069-1079.	1.9	50
15	Supramolecular Transformation of Metallacycle-linked Star Polymers Driven by Simple Phosphine Ligand-Exchange Reaction. <i>Journal of the American Chemical Society</i> , 2019, 141, 583-591.	6.6	46
16	Deep learning for the determination of myometrial invasion depth and automatic lesion identification in endometrial cancer MR imaging: a preliminary study in a single institution. <i>European Radiology</i> , 2020, 30, 4985-4994.	2.3	46
17	An Intelligent Clinical Decision Support System for Preoperative Prediction of Lymph Node Metastasis in Gastric Cancer. <i>Journal of the American College of Radiology</i> , 2019, 16, 952-960.	0.9	44
18	NiO/CNTs derived from metal-organic frameworks as superior anode material for lithium-ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 785-795.	1.2	43

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19	Chemically Controlled Helical Polymorphism in Protein Tubes by Selective Modulation of Supramolecular Interactions. <i>Journal of the American Chemical Society</i> , 2019, 141, 19448-19457.	6.6	34
20	Self-Assembled Microstructures of Confined Rod-Coil Diblock Copolymers by Self-Consistent Field Theory. <i>Journal of Physical Chemistry B</i> , 2010, 114, 14897-14906.	1.2	32
21	Diversiform and Transformable Glyco-Nanostructures Constructed from Amphiphilic Supramolecular Metallo-carbohydrates through Hierarchical Self-Assembly: The Balance between Metallacycles and Saccharides. <i>ACS Nano</i> , 2019, 13, 13474-13485.	7.3	32
22	Aggregation-Induced Emission Luminogen Assisted Self-Assembly and Morphology Transition of Amphiphilic Glycopoly-peptide with Bioimaging Application. <i>ACS Macro Letters</i> , 2019, 8, 893-898.	2.3	29
23	Precise protein assembly of array structures. <i>Chemical Communications</i> , 2016, 52, 10595-10605.	2.2	28
24	The neural basis of regret and relief during a sequential risk-taking task. <i>Neuroscience</i> , 2016, 327, 136-145.	1.1	28
25	Evaluation of optimized b-value sampling schemas for diffusion kurtosis imaging with an application to stroke patient data. <i>Computerized Medical Imaging and Graphics</i> , 2013, 37, 272-280.	3.5	22
26	Fast Lithium-Ion Transportation in Crystalline Polymer Electrolytes. <i>ChemPhysChem</i> , 2018, 19, 45-50.	1.0	21
27	Automated prediction of the neoadjuvant chemotherapy response in osteosarcoma with deep learning and an MRI-based radiomics nomogram. <i>European Radiology</i> , 2022, 32, 6196-6206.	2.3	21
28	Anterior insula signals inequalities in a modified Ultimatum Game. <i>Neuroscience</i> , 2017, 348, 126-134.	1.1	20
29	Integration of clinicopathologic identification and deep transferrable image feature representation improves predictions of lymph node metastasis in prostate cancer. <i>EBioMedicine</i> , 2021, 68, 103395.	2.7	19
30	Power to Punish Norm Violations Affects the Neural Processes of Fairness-Related Decision Making. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 344.	1.0	17
31	Evaluation of Non-Local Means Based Denoising Filters for Diffusion Kurtosis Imaging Using a New Phantom. <i>PLoS ONE</i> , 2015, 10, e0116986.	1.1	16
32	N, P dual-doped hollow carbon spheres for high-performance supercapacitors. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 3631-3640.	1.2	15
33	Self-Assembled Saccharide-Functionalized Amphiphilic Metallacycles as Biofilms Inhibitor via "Sweet Talking". <i>ACS Macro Letters</i> , 2020, 9, 61-69.	2.3	15
34	Self-Assembly of AB Diblock Copolymers under Confinement into Topographically Patterned Surfaces. <i>Journal of Physical Chemistry B</i> , 2009, 113, 14052-14061.	1.2	14
35	Fabrication of Pascal-Triangle Lattice of Proteins by Inducing Ligand Strategy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9617-9623.	7.2	14
36	Diagnostic Performance of 2D and 3D T2WI-Based Radiomics Features With Machine Learning Algorithms to Distinguish Solid Solitary Pulmonary Lesion. <i>Frontiers in Oncology</i> , 2021, 11, 683587.	1.3	14

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37	Textured-Based Deep Learning in Prostate Cancer Classification with 3T Multiparametric MRI: Comparison with PI-RADS-Based Classification. <i>Diagnostics</i> , 2021, 11, 1785.	1.3	13
38	Proposersâ€™ Economic Status Affects Behavioral and Neural Responses to Unfairness. <i>Frontiers in Psychology</i> , 2017, 8, 847.	1.1	12
39	Metastable alloying structures in MAPbI ₃ xClx crystals. <i>NPG Asia Materials</i> , 2020, 12, .	3.8	12
40	Radiomics for the Prediction of Epilepsy in Patients With Frontal Glioma. <i>Frontiers in Oncology</i> , 2021, 11, 725926.	1.3	10
41	Diagnostic performance of gliomas grading and IDH status decoding A comparison between 3D amide proton transfer APT and four diffusion-weighted MRI models. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 1834-1844.	1.9	10
42	Seed point discontinuity-based segmentation method for the substantia nigra and the red nucleus in quantitative susceptibility maps. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 1112-1119.	1.9	9
43	Highly Ordered Self-Assembly of Native Proteins into 1D, 2D, and 3D Structures Modulated by the Tether Length of Assembly-Inducing Ligands. <i>Angewandte Chemie</i> , 2017, 129, 10831-10835.	1.6	8
44	Three-dimensional protein assemblies directed by orthogonal non-covalent interactions. <i>Chemical Communications</i> , 2016, 52, 9687-9690.	2.2	6
45	Wire-like NiCo ₂ O ₄ anchored on reduced graphene oxide with enhanced electrochemical performance for sodium-ion batteries. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 10411-10419.	1.1	6
46	Prognostic aspects of lymphovascular invasion in localized gastric cancer: new insights into the radiomics and deep transfer learning from contrast-enhanced CT imaging. <i>Abdominal Radiology</i> , 2022, 47, 496-507.	1.0	6
47	MR-based radiomics-clinical nomogram in epithelial ovarian tumor prognosis prediction: tumor body texture analysis across various acquisition protocols. <i>Journal of Ovarian Research</i> , 2022, 15, 6.	1.3	6
48	Noise Removal of MRI Data with Edge Enhancing. , 2011, , .		5
49	A fast schema for parameter estimation in diffusion kurtosis imaging. <i>Computerized Medical Imaging and Graphics</i> , 2014, 38, 469-480.	3.5	5
50	Quantitative Biomedical Imaging: Techniques and Clinical Applications. <i>BioMed Research International</i> , 2016, 2016, 1-2.	0.9	5
51	MRI-based radiomics signature for identification of invisible basal cisterns changes in tuberculous meningitis: a preliminary multicenter study. <i>European Radiology</i> , 2022, 32, 8659-8669.	2.3	5
52	Radiomics Feature Analysis of Cartilage and Subchondral Bone in Differentiating Knees Predisposed to Posttraumatic Osteoarthritis after Anterior Cruciate Ligament Reconstruction from Healthy Knees. <i>BioMed Research International</i> , 2021, 2021, 1-9.	0.9	4
53	Radiomics nomogram analysis of T2-fBLADE-TSE in pulmonary nodules evaluation. <i>Magnetic Resonance Imaging</i> , 2022, 85, 80-86.	1.0	4
54	A Small Lattice Change Induces Significant Dynamic Changes of CH ₃ NH ₃ ⁺ Caged in Hybrid Perovskite Crystals: Toward Understanding the Interplay between Host Lattices and Guest Molecules. <i>Inorganic Chemistry</i> , 2019, 58, 7426-7432.	1.9	3

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55	Automated Segmentation of Midbrain Structures in High-Resolution Susceptibility Maps Based on Convolutional Neural Network and Transfer Learning. <i>Frontiers in Neuroscience</i> , 2022, 16, 801618.	1.4	3
56	A computerized diagnostic model for automatically evaluating placenta accrete spectrum disorders based on the combined MR radiomics-clinical signatures. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
57	CO ₂ -switchable response of protein microtubules: behaviour and mechanism. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1642-1646.	3.2	2
58	Multiple-targeting NMR signal selection by optimal control of nuclear spin singlet. <i>Journal of Magnetic Resonance</i> , 2022, 338, 107188.	1.2	2
59	Fabrication of Pascal's Triangle Lattice of Proteins by Inducing Ligand Strategy. <i>Angewandte Chemie</i> , 2020, 132, 9704-9710.	1.6	1
60	Correction: Three-dimensional protein assemblies directed by orthogonal non-covalent interactions. <i>Chemical Communications</i> , 2016, 52, 10803-10803.	2.2	0
61	Highly Ordered Self-Assembly of Native Proteins into 1D, 2D, and 3D Structures Modulated by the Tether Length of Assembly-Inducing Ligands (<i>Angew. Chem.</i> 36/2017). <i>Angewandte Chemie</i> , 2017, 129, 11100-11100.	1.6	0
62	Identification of ISUP grade of clear cell renal cell carcinoma by radiomics on multi-phase CT images. <i>Chinese Journal of Academic Radiology</i> , 2022, 5, 37.	0.4	0