Guang Yang

List of Publications by Year
in descending order

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	Radiomics nomogram analysis of T2-fBLADE-TSE in pulmonary nodules evaluation. Magnetic Resonance Imaging, 2022, 85, 80-86.	1.0	4
2	Prognostic aspects of lymphovascular invasion in localized gastric cancer: new insights into the radiomics and deep transfer learning from contrast-enhanced CT imaging. Abdominal Radiology, 2022, 47, 496-507.	1.0	6
3	MR-based radiomics-clinical nomogram in epithelial ovarian tumor prognosis prediction: tumor body texture analysis across various acquisition protocols. Journal of Ovarian Research, 2022, 15, 6.	1.3	6
4	Identification of ISUP grade of clear cell renal cell carcinoma by radiomics on multi-phase CT images. Chinese Journal of Academic Radiology, 2022, 5, 37.	0.4	0
5	Automated Segmentation of Midbrain Structures in High-Resolution Susceptibility Maps Based on Convolutional Neural Network and Transfer Learning. Frontiers in Neuroscience, 2022, 16, 801618.	1.4	3
6	Automated prediction of the neoadjuvant chemotherapy response in osteosarcoma with deep learning and an MRI-based radiomics nomogram. European Radiology, 2022, 32, 6196-6206.	2.3	21
7	Multiple-targeting NMR signal selection by optimal control of nuclear spin singlet. Journal of Magnetic Resonance, 2022, 338, 107188.	1.2	2
8	Diagnostic performance of gliomas grading and IDH status decoding A comparison between <scp>3D</scp> amide proton transfer APT and four diffusion‐weighted <scp>MRI</scp> models. Journal of Magnetic Resonance Imaging, 2022, 56, 1834-1844.	1.9	10
9	MRI-based radiomics signature for identification of invisible basal cisterns changes in tuberculous meningitis: a preliminary multicenter study. European Radiology, 2022, 32, 8659-8669.	2.3	5
10	A computerized diagnostic model for automatically evaluating placenta accrete spectrum disorders based on the combined MR radiomics-clinical signatures. Scientific Reports, 2022, 12, .	1.6	3
11	Integration of clinicopathologic identification and deep transferrable image feature representation improves predictions of lymph node metastasis in prostate cancer. EBioMedicine, 2021, 68, 103395.	2.7	19
12	Textured-Based Deep Learning in Prostate Cancer Classification with 3T Multiparametric MRI: Comparison with PI-RADS-Based Classification. Diagnostics, 2021, 11, 1785.	1.3	13
13	Radiomics Feature Analysis of Cartilage and Subchondral Bone in Differentiating Knees Predisposed to Posttraumatic Osteoarthritis after Anterior Cruciate Ligament Reconstruction from Healthy Knees. BioMed Research International, 2021, 2021, 1-9.	0.9	4
14	Radiomics for the Prediction of Epilepsy in Patients With Frontal Glioma. Frontiers in Oncology, 2021, 11, 725926.	1.3	10
15	Diagnostic Performance of 2D and 3D T2WI-Based Radiomics Features With Machine Learning Algorithms to Distinguish Solid Solitary Pulmonary Lesion. Frontiers in Oncology, 2021, 11, 683587.	1.3	14
16	Self-Assembled Saccharide-Functionalized Amphiphilic Metallacycles as Biofilms Inhibitor via "Sweet Talking". ACS Macro Letters, 2020, 9, 61-69.	2.3	15
17	Metastable alloying structures in MAPbI3−xClx crystals. NPG Asia Materials, 2020, 12, .	3.8	12
18	FeAture Explorer (FAE): A tool for developing and comparing radiomics models. PLoS ONE, 2020, 15, e0237587.	1.1	126

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19	Fabrication of Pascal–triangle Lattice of Proteins by Inducing Ligand Strategy. Angewandte Chemie - International Edition, 2020, 59, 9617-9623.	7.2	14
20	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. European Radiology, 2020, 30, 4985-4994.	2.3	46
21	Fabrication of Pascal–triangle Lattice of Proteins by Inducing Ligand Strategy. Angewandte Chemie, 2020, 132, 9704-9710.	1.6	1
22	Aggregation-Induced Emission Luminogen Assisted Self-Assembly and Morphology Transition of Amphiphilic Glycopolypeptide with Bioimaging Application. ACS Macro Letters, 2019, 8, 893-898.	2.3	29
23	Chemically Controlled Helical Polymorphism in Protein Tubes by Selective Modulation of Supramolecular Interactions. Journal of the American Chemical Society, 2019, 141, 19448-19457.	6.6	34
24	Diversiform and Transformable Glyco-Nanostructures Constructed from Amphiphilic Supramolecular Metallocarbohydrates through Hierarchical Self-Assembly: The Balance between Metallacycles and Saccharides. ACS Nano, 2019, 13, 13474-13485.	7.3	32
25	A Small Lattice Change Induces Significant Dynamic Changes of $CH_3NH_3^+$ Caged in Hybrid Perovskite Crystals: Toward Understanding the Interplay between Host Lattices and Guest Molecules. Inorganic Chemistry, 2019, 58, 7426-7432.	1.9	3
26	Radiomic analysis of contrast-enhanced CT predicts microvascular invasion and outcome in hepatocellular carcinoma. Journal of Hepatology, 2019, 70, 1133-1144.	1.8	444
27	An Intelligent Clinical Decision Support System for Preoperative Prediction of Lymph Node Metastasis in Gastric Cancer. Journal of the American College of Radiology, 2019, 16, 952-960.	0.9	44
28	Supramolecular Transformation of Metallacycle-linked Star Polymers Driven by Simple Phosphine Ligand-Exchange Reaction. Journal of the American Chemical Society, 2019, 141, 583-591.	6.6	46
29	Computer–aided diagnosis of prostate cancer using a deep convolutional neural network from multiparametric MRI. Journal of Magnetic Resonance Imaging, 2018, 48, 1570-1577.	1.9	142
30	Quantitative susceptibility mapping (QSM) minimizes interference from cellular pathology in R2* estimation of liver iron concentration. Journal of Magnetic Resonance Imaging, 2018, 48, 1069-1079.	1.9	50
31	Seed point discontinuity–based segmentation method for the substantia nigra and the red nucleus in quantitative susceptibility maps. Journal of Magnetic Resonance Imaging, 2018, 48, 1112-1119.	1.9	9
32	Fast Lithium–ion Transportation in Crystalline Polymer Electrolytes. ChemPhysChem, 2018, 19, 45-50.	1.0	21
33	NiO/CNTs derived from metal-organic frameworks as superior anode material for lithium-ion batteries. Journal of Solid State Electrochemistry, 2018, 22, 785-795.	1.2	43
34	CO_2-switchable response of protein microtubules: behaviour and mechanism. Materials Chemistry Frontiers, 2018, 2, 1642-1646.	3.2	2
35	Anterior insula signals inequalities in a modified Ultimatum Game. Neuroscience, 2017, 348, 126-134.	1.1	20
36	Wire-like NiCo2O4 anchored on reduced graphene oxide with enhanced electrochemical performance for sodium-ion batteries. Journal of Materials Science: Materials in Electronics, 2017, 28, 10411-10419.	1.1	6

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37	Highly Ordered Selfâ€Assembly of Native Proteins into 1D, 2D, and 3D Structures Modulated by the Tether Length of Assemblyâ€Inducing Ligands. Angewandte Chemie, 2017, 129, 10831-10835.	1.6	8
38	Highly Ordered Selfâ€Assembly of Native Proteins into 1D, 2D, and 3D Structures Modulated by the Tether Length of Assemblyâ€Inducing Ligands. Angewandte Chemie - International Edition, 2017, 56, 10691-10695.	7.2	59
39	A tetraphenylethylene (TPE)-based supra-amphiphilic organoplatinum(ii) metallacycle and its self-assembly behaviour. Materials Chemistry Frontiers, 2017, 1, 1823-1828.	3.2	63
40	â€œSweetâ€Architecture-Dependent Uptake of Glycocalyx-Mimicking Nanoparticles Based on Biodegradable Aliphatic Polyesters by Macrophages. Journal of the American Chemical Society, 2017, 139, 14684-14692.	6.6	64
41	CO_2 Stimuli-Responsive, Injectable Block Copolymer Hydrogels Cross-Linked by Discrete Organoplatinum(II) Metallacycles via Stepwise Post-Assembly Polymerization. Journal of the American Chemical Society, 2017, 139, 13811-13820.	6.6	110
42	RÃ¼cktitelbild: Highly Ordered Selfâ€Assembly of Native Proteins into 1D, 2D, and 3D Structures Modulated by the Tether Length of Assemblyâ€Inducing Ligands (Angew. Chem. 36/2017). Angewandte Chemie, 2017, 129, 11100-11100.	1.6	0
43	N, P dual-doped hollow carbon spheres for high-performance supercapacitors. Journal of Solid State Electrochemistry, 2017, 21, 3631-3640.	1.2	15
44	Proposersâ€™ Economic Status Affects Behavioral and Neural Responses to Unfairness. Frontiers in Psychology, 2017, 8, 847.	1.1	12
45	Quantitative Biomedical Imaging: Techniques and Clinical Applications. BioMed Research International, 2016, 2016, 1-2.	0.9	5
46	Three-dimensional protein assemblies directed by orthogonal non-covalent interactions. Chemical Communications, 2016, 52, 9687-9690.	2.2	6
47	Correction: Three-dimensional protein assemblies directed by orthogonal non-covalent interactions. Chemical Communications, 2016, 52, 10803-10803.	2.2	0
48	Precise protein assembly of array structures. Chemical Communications, 2016, 52, 10595-10605.	2.2	28
49	The neural basis of regret and relief during a sequential risk-taking task. Neuroscience, 2016, 327, 136-145.	1.1	28
50	Precise and Reversible Protein-Microtubule-Like Structure with Helicity Driven by Dual Supramolecular Interactions. Journal of the American Chemical Society, 2016, 138, 1932-1937.	6.6	85
51	Construction of Smart Supramolecular Polymeric Hydrogels Cross-linked by Discrete Organoplatinum(II) Metallacycles via Post-Assembly Polymerization. Journal of the American Chemical Society, 2016, 138, 4927-4937.	6.6	184
52	A NiCo2O4 nanosheet-mesoporous carbon composite electrode for enhanced reversible lithium storage. Carbon, 2016, 99, 633-641.	5.4	77
53	Power to Punish Norm Violations Affects the Neural Processes of Fairness-Related Decision Making. Frontiers in Behavioral Neuroscience, 2015, 9, 344.	1.0	17
54	Evaluation of Non-Local Means Based Denoising Filters for Diffusion Kurtosis Imaging Using a New Phantom. PLoS ONE, 2015, 10, e0116986.	1.1	16

#	ARTICLE	IF	CITATIONS
55	Bamboo-like amorphous carbon nanotubes clad in ultrathin nickel oxide nanosheets for lithium-ion battery electrodes with long cycle life. Carbon, 2015, 84, 491-499.	5.4	145
56	Protein crystalline frameworks with controllable interpenetration directed by dual supramolecular interactions. Nature Communications, 2014, 5, 4634.	5.8	112
57	A fast schema for parameter estimation in diffusion kurtosis imaging. Computerized Medical Imaging and Graphics, 2014, 38, 469-480.	3.5	5
58	Stimuli—Responsive Supramolecular Gels through Hierarchical Self—Assembly of Discrete Rhomboidal Metallacycles. Chemistry - A European Journal, 2013, 19, 10094-10100.	1.7	76
59	Evaluation of optimized b-value sampling schemas for diffusion kurtosis imaging with an application to stroke patient data. Computerized Medical Imaging and Graphics, 2013, 37, 272-280.	3.5	22
60	Noise Removal of MRI Data with Edge Enhancing. , 2011, , .		5
61	Self-Assembled Microstructures of Confined Rod˜Coil Diblock Copolymers by Self-Consistent Field Theory. Journal of Physical Chemistry B, 2010, 114, 14897-14906.	1.2	32
62	Self-Assembly of AB Diblock Copolymers under Confinement into Topographically Patterned Surfaces. Journal of Physical Chemistry B, 2009, 113, 14052-14061.	1.2	14