

Guang Yang

List of Publications by Year in descending order

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268
papers

7,540
citations

76326

40
h-index

82547

72
g-index

272
all docs

272
docs citations

272
times ranked

8313
citing authors

#	ARTICLE	IF	CITATIONS
1	DAGAN: Deep De-Aliasing Generative Adversarial Networks for Fast Compressed Sensing MRI Reconstruction. IEEE Transactions on Medical Imaging, 2018, 37, 1310-1321.	8.9	724
2	Radiomic analysis of contrast-enhanced CT predicts microvascular invasion and outcome in hepatocellular carcinoma. Journal of Hepatology, 2019, 70, 1133-1144.	3.7	444
3	Unbox the black-box for the medical explainable AI via multi-modal and multi-centre data fusion: A mini-review, two showcases and beyond. Information Fusion, 2022, 77, 29-52.	19.1	280
4	Cr(VI) removal via anion exchange on a silver-triazolate MOF. Journal of Hazardous Materials, 2017, 321, 622-628.	12.4	249
5	Automated brain tumour detection and segmentation using superpixel-based extremely randomized trees in FLAIR MRI. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 183-203.	2.8	222
6	Supervised learning based multimodal MRI brain tumour segmentation using texture features from supervoxels. Computer Methods and Programs in Biomedicine, 2018, 157, 69-84.	4.7	163
7	Deep Learning for Diagnosis of Chronic Myocardial Infarction on Nonenhanced Cardiac Cine MRI. Radiology, 2019, 291, 606-617.	7.3	144
8	Computer-aided diagnosis of prostate cancer using a deep convolutional neural network from multiparametric MRI. Journal of Magnetic Resonance Imaging, 2018, 48, 1570-1577.	3.4	142
9	Atomically Precise Gold-Levonorgestrel Nanocluster as a Radiosensitizer for Enhanced Cancer Therapy. ACS Nano, 2019, 13, 8320-8328.	14.6	126
10	Feature Explorer (FAE): A tool for developing and comparing radiomics models. PLoS ONE, 2020, 15, e0237587.	2.5	126
11	Correlation between structure and physical properties of chalcogenide glasses in the $\langle \text{As} \rangle$ system. Physical Review B, 2010, 82, .	3.2	117
12	Self-cleaning loose nanofiltration membranes enabled by photocatalytic Cu-triazolate MOFs for dye/salt separation. Journal of Membrane Science, 2021, 623, 119058.	8.2	87
13	SaliencyGAN: Deep Learning Semisupervised Salient Object Detection in the Fog of IoT. IEEE Transactions on Industrial Informatics, 2020, 16, 2667-2676.	11.3	83
14	On the event-based extreme precipitation across China: Time distribution patterns, trends, and return levels. Journal of Hydrology, 2018, 562, 305-317.	5.4	82
15	Highly Efficient Photocatalytic Degradation of Dyes by a Copper-Triazolate Metal-Organic Framework. Chemistry - A European Journal, 2018, 24, 16804-16813.	3.3	81
16	Stimuli-Responsive Supramolecular Gels through Hierarchical Self-Assembly of Discrete Rhomboidal Metallacycles. Chemistry - A European Journal, 2013, 19, 10094-10100.	3.3	76
17	Multi-encoder net framework for brain tumor segmentation. International Journal of Imaging Systems and Technology, 2021, 31, 1834-1848.	4.1	76
18	Thermal Poling of Optical Glasses: Mechanisms and Second-Order Optical Properties. International Journal of Applied Glass Science, 2012, 3, 309-320.	2.0	72

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19	Synthesis of bimetallic Ni _x Co _{1-x} P hollow nanocages from metal-organic frameworks for high performance hybrid supercapacitors. <i>Electrochimica Acta</i> , 2018, 285, 192-201.	5.2	67
20	A clinical-radiomics nomogram for the preoperative prediction of lymph node metastasis in colorectal cancer. <i>Journal of Translational Medicine</i> , 2020, 18, 46.	4.4	67
21	3D PBV-Net: An automated prostate MRI data segmentation method. <i>Computers in Biology and Medicine</i> , 2021, 128, 104160.	7.0	65
22	A photo-stable chalcogenide glass. <i>Optics Express</i> , 2008, 16, 10565.	3.4	64
23	Exploring Uncertainty Measures in Bayesian Deep Attentive Neural Networks for Prostate Zonal Segmentation. <i>IEEE Access</i> , 2020, 8, 151817-151828.	4.2	60
24	Fragile-strong behavior in the As _x Se _{1-x} glasses in relation to structural dimensionality. <i>Physical Review B</i> , 2012, 85, .	3.2	59
25	Photosynthetic Production of Sunscreen Shinorine Using an Engineered Cyanobacterium. <i>ACS Synthetic Biology</i> , 2018, 7, 664-671.	3.8	59
26	Physical properties of the Ge _x Se _{1-x} glasses in the 0.42 range in correlation with their structure. <i>Journal of Non-Crystalline Solids</i> , 2013, 377, 54-59.	3.1	58
27	Direct numerical simulation of convective heat transfer in porous media. <i>International Journal of Heat and Mass Transfer</i> , 2019, 133, 11-20.	4.8	58
28	Recent progress in thermal/environmental barrier coatings and their corrosion resistance. <i>Rare Metals</i> , 2020, 39, 498-512.	7.1	58
29	Theoretical investigation of anisotropic mechanical and thermal properties of A ₃ B ₂ O ₇ (A = Sr, Ba; B = Ti, Zr, Hf) perovskites. <i>Journal of the American Ceramic Society</i> , 2018, 101, 3527-3540.	3.8	57
30	AI-Based Reconstruction for Fast MRI—A Systematic Review and Meta-Analysis. <i>Proceedings of the IEEE</i> , 2022, 110, 224-245.	21.3	57
31	Multi-Objective Operating Rules for Danjiangkou Reservoir Under Climate Change. <i>Water Resources Management</i> , 2016, 30, 1183-1202.	3.9	56
32	Atrial scar quantification via multi-scale CNN in the graph-cuts framework. <i>Medical Image Analysis</i> , 2020, 60, 101595.	11.6	55
33	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.	3.4	50
34	FA-GAN: Fused attentive generative adversarial networks for MRI image super-resolution. <i>Computerized Medical Imaging and Graphics</i> , 2021, 92, 101969.	5.8	49
35	Brain tumor classification using the diffusion tensor image segmentation (D-SEC) technique. <i>Neuro-Oncology</i> , 2015, 17, 466-76.	1.2	46
36	Multiobjective reservoir operating rules based on cascade reservoir input variable selection method. <i>Water Resources Research</i> , 2017, 53, 3446-3463.	4.2	46

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37	The onset temperature (T_g) of As Se1 glasses transition prediction: A comparison of topological and regression analysis methods. <i>Computational Materials Science</i> , 2017, 140, 315-321.	3.0	46
38	Tissue-type mapping of gliomas. <i>NeuroImage: Clinical</i> , 2019, 21, 101648.	2.7	46
39	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.	4.5	46
40	JAS-GAN: Generative Adversarial Network Based Joint Atrium and Scar Segmentations on Unbalanced Atrial Targets. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 103-114.	6.3	46
41	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.	1.8	44
42	Morphometric model for discrimination between glioblastoma multiforme and solitary metastasis using three-dimensional shape analysis. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 2505-2516.	3.0	43
43	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.	2.5	43
44	Strategically Acquired Gradient Echo (STAGE) imaging, part II: Correcting for RF inhomogeneities in estimating T1 and proton density. <i>Magnetic Resonance Imaging</i> , 2018, 46, 140-150.	1.8	42
45	Transfer learning enhanced generative adversarial networks for multi-channel MRI reconstruction. <i>Computers in Biology and Medicine</i> , 2021, 134, 104504.	7.0	42
46	Discrimination between glioblastoma multiforme and solitary metastasis using morphological features derived from the tensor decomposition of diffusion tensor imaging. <i>NMR in Biomedicine</i> , 2014, 27, 1103-1111.	2.8	41
47	Assessment of changes in oasis scale and water management in the arid Manas River Basin, north western China. <i>Science of the Total Environment</i> , 2019, 691, 506-515.	8.0	40
48	Comparative Study of Three Updating Procedures for Real-Time Flood Forecasting. <i>Water Resources Management</i> , 2016, 30, 2111-2126.	3.9	39
49	Effects of Melting Temperature on the Broadband Infrared Luminescence of Bi-Doped and Bi/Dy Co-Doped Chalcohalide Glasses. <i>Journal of the American Ceramic Society</i> , 2007, 90, 3670-3672.	3.8	37
50	Uncertainty Analysis of Bivariate Design Flood Estimation and its Impacts on Reservoir Routing. <i>Water Resources Management</i> , 2018, 32, 1795-1809.	3.9	37
51	Hybrid laser-arc welding of advanced high-strength steel. <i>Journal of Materials Processing Technology</i> , 2014, 214, 2823-2833.	6.3	35
52	Optimal Design of Seasonal Flood Limited Water Levels by Jointing Operation of the Reservoir and Floodplains. <i>Water Resources Management</i> , 2018, 32, 179-193.	3.9	35
53	Industrial Cyber-Physical Systems-Based Cloud IoT Edge for Federated Heterogeneous Distillation. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 5511-5521.	11.3	35
54	An Yttrium Hydride-Silane Complex as a Structural Model for a σ -Bond Metathesis Transition State. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4243-4246.	13.8	34

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55	PIC-GAN: A Parallel Imaging Coupled Generative Adversarial Network for Accelerated Multi-Channel MRI Reconstruction. <i>Diagnostics</i> , 2021, 11, 61.	2.6	34
56	Formation and Properties of the Novel $\text{GeSe}_2\text{In}_2\text{Se}_3$ Chalcogenide Glasses. <i>Journal of the American Ceramic Society</i> , 2008, 91, 902-905.	3.8	33
57	A machine learning approach to automatic detection of irregularity in skin lesion border using dermoscopic images. <i>PeerJ Computer Science</i> , 2020, 6, e268.	4.5	33
58	Droplet mobilization at the walls of a microfluidic channel. <i>Physics of Fluids</i> , 2020, 32, .	4.0	32
59	Recent advances in the optimization of evaporator wicks of vapor chambers: From mechanism to fabrication technologies. <i>Applied Thermal Engineering</i> , 2021, 188, 116611.	6.0	32
60	A distributive peptide cyclase processes multiple microviridin core peptides within a single polypeptide substrate. <i>Nature Communications</i> , 2018, 9, 1780.	12.8	31
61	Numerical assessment of the effect of water-saving irrigation on the water cycle at the Manas River Basin oasis, China. <i>Science of the Total Environment</i> , 2020, 707, 135587.	8.0	30
62	Direct Quantification of Coronary Artery Stenosis Through Hierarchical Attentive Multi-View Learning. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 4322-4334.	8.9	30
63	Multiobjective Cascade Reservoir Operation Rules and Uncertainty Analysis Based on PA-DDS Algorithm. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2017, 143, .	2.6	29
64	Multitask Learning for Estimating Multitype Cardiac Indices in MRI and CT Based on Adversarial Reverse Mapping. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 493-506.	11.3	29
65	In-situ measurement of reversible photodarkening in ion-conducting chalcogenide glass. <i>Optics Express</i> , 2008, 16, 1466.	3.4	28
66	Role of rigidity and temperature in the kinetics of photodarkening in $\text{Ge}_x\text{As}_{(45-x)}\text{Se}_{55}$ thin films. <i>Optics Express</i> , 2011, 19, 13158.	3.4	28
67	Recent advances in biocatalyst discovery, development and applications. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 5604-5612.	3.0	28
68	The neural basis of regret and relief during a sequential risk-taking task. <i>Neuroscience</i> , 2016, 327, 136-145.	2.3	28
69	Micro-crystallization of the infrared transmitting chalcogenide glass in $\text{GeSe}_2\text{As}_2\text{Se}_3\text{PbSe}$ system. <i>Ceramics International</i> , 2009, 35, 83-86.	4.8	27
70	Discrete Wavelet Transform-Based Whole-Spectral and Subspectral Analysis for Improved Brain Tumor Clustering Using Single Voxel MR Spectroscopy. <i>IEEE Transactions on Biomedical Engineering</i> , 2015, 62, 2860-2866.	4.2	27
71	The role of reading motivation, self-efficacy, and home influence in students' literacy achievement: a preliminary examination of fourth graders in Abu Dhabi. <i>Large-Scale Assessments in Education</i> , 2018, 6, .	2.0	27
72	Internal flow patterns of a droplet pinned to the hydrophobic surfaces of a confined microchannel using micro-PIV and VOF simulations. <i>Chemical Engineering Journal</i> , 2019, 370, 444-454.	12.7	27

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73	Automating the ABCD Rule for Melanoma Detection: A Survey. <i>IEEE Access</i> , 2020, 8, 83333-83346.	4.2	27
74	Fast and Automated Segmentation for the Three-Directional Multi-Slice Cine Myocardial Velocity Mapping. <i>Diagnostics</i> , 2021, 11, 346.	2.6	27
75	Manifold Learning in MR spectroscopy using nonlinear dimensionality reduction and unsupervised clustering. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 868-878.	3.0	26
76	Multi-task learning with Multi-view Weighted Fusion Attention for artery-specific calcification analysis. <i>Information Fusion</i> , 2021, 71, 64-76.	19.1	26
77	Classification of human ovarian cancer using functional, spectral, and imaging features obtained from in vivo photoacoustic imaging. <i>Biomedical Optics Express</i> , 2019, 10, 2303.	2.9	26
78	Enhanced hydrogen absorption kinetics by introducing fine eutectic and long-period stacking ordered structure in ternary eutectic Mg-Ni-Y alloy. <i>Journal of Alloys and Compounds</i> , 2020, 820, 153187.	5.5	25
79	Glass Formation and Properties of Chalcogenides in a GeSe ₂ As ₂ Se ₃ PbSe System. <i>Journal of the American Ceramic Society</i> , 2007, 90, 1500-1503.	3.8	24
80	Adaptive Hierarchical Dual Consistency for Semi-Supervised Left Atrium Segmentation on Cross-Domain Data. <i>IEEE Transactions on Medical Imaging</i> , 2022, 41, 420-433.	8.9	24
81	Machine Learning for COVID-19 Diagnosis and Prognostication: Lessons for Amplifying the Signal While Reducing the Noise. <i>Radiology: Artificial Intelligence</i> , 2021, 3, e210011.	5.8	24
82	Artificial intelligence is a promising prospect for the detection of prostate cancer extracapsular extension with mpMRI: a two-center comparative study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3805-3816.	6.4	24
83	Investigation of the Klinkenberg effect in a micro/nanoporous medium by direct simulation Monte Carlo method. <i>Physical Review Fluids</i> , 2018, 3, .	2.5	24
84	Effect of laser beam configuration on microstructure evolution and joint performance in laser joining AA 6111 panels. <i>Materials and Design</i> , 2017, 123, 197-210.	7.0	23
85	On the Beavers-Joseph Interface Condition for Non-parallel Coupled Channel Flow over a Porous Structure at High Reynolds Numbers. <i>Transport in Porous Media</i> , 2019, 128, 431-457.	2.6	23
86	Optimizing Operation Rules of Cascade Reservoirs for Adapting Climate Change. <i>Water Resources Management</i> , 2020, 34, 101-120.	3.9	23
87	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.	5.8	22
88	Numerical Simulation of Turbulent Flow and Heat Transfer in a Three-Dimensional Channel Coupled with Flow Through Porous Structures. <i>Transport in Porous Media</i> , 2018, 122, 145-167.	2.6	22
89	Broadband near-infrared emission of chromium-doped sulfide glass-ceramics containing Ga ₂ S ₃ nanocrystals. <i>Optics Letters</i> , 2012, 37, 5043.	3.3	21
90	Cytotoxic protein from the mushroom <i>Coprinus comatus</i> possesses a unique mode for glycan binding and specificity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8980-8985.	7.1	21

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91	Optimized light delivery probe using ball lenses for co-registered photoacoustic and ultrasound endo-cavity subsurface imaging. <i>Photoacoustics</i> , 2019, 13, 66-75.	7.8	21
92	Adapting reservoir operations to the nexus across water supply, power generation, and environment systems: An explanatory tool for policy makers. <i>Journal of Hydrology</i> , 2019, 574, 257-275.	5.4	21
93	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.	4.5	21
94	Anterior insula signals inequalities in a modified Ultimatum Game. <i>Neuroscience</i> , 2017, 348, 126-134.	2.3	20
95	Phase precipitation behavior of a quenched β -solidifying TiAl alloy with a fully-B2 microstructure during annealing at 800Å°C. <i>Journal of Alloys and Compounds</i> , 2020, 812, 152118.	5.5	20
96	Third-order nonlinearities in GeSe ₂ –In ₂ Se ₃ –CsI glasses for telecommunications applications. <i>Optical Materials</i> , 2008, 31, 75-78.	3.6	19
97	Luminescence Behaviors of Ce ³⁺ Ions in Chalcogenide Glasses. <i>Journal of the American Ceramic Society</i> , 2010, 93, 614-617.	3.8	19
98	Evaluating Water Supply Risk in the Middle and Lower Reaches of Hanjiang River Basin Based on an Integrated Optimal Water Resources Allocation Model. <i>Water (Switzerland)</i> , 2016, 8, 364.	2.7	19
99	Microstructural Evolution of NiCoCrAlHfYSi and NiCoCrAlTaY Coatings Deposited by AC-HVAF and APS. <i>Journal of Thermal Spray Technology</i> , 2017, 26, 1758-1775.	3.1	19
100	Forecast-informed reservoir operations to guide hydropower and agriculture allocations in the Blue Nile basin, Ethiopia. <i>International Journal of Water Resources Development</i> , 2021, 37, 208-233.	2.0	19
101	Flow Physics of Wicking into Woven Screens with Hybrid Micro-/Nanoporous Structures. <i>Langmuir</i> , 2021, 37, 2289-2297.	3.5	19
102	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.	6.1	19
103	Synthesis of nanocrystallized zirconium carbide based on an aqueous solution-derived precursor. <i>RSC Advances</i> , 2017, 7, 22722-22727.	3.6	18
104	High-Resolution Pelvic MRI Reconstruction Using a Generative Adversarial Network With Attention and Cyclic Loss. <i>IEEE Access</i> , 2021, 9, 105951-105964.	4.2	18
105	A LA-ICP-MS sulphide calibration standard based on a chalcogenide glass. <i>Mineralogical Magazine</i> , 2011, 75, 279-287.	1.4	17
106	Decoding the individual finger movements from single-trial functional magnetic resonance imaging recordings of human brain activity. <i>European Journal of Neuroscience</i> , 2014, 39, 2071-2082.	2.6	17
107	Power to Punish Norm Violations Affects the Neural Processes of Fairness-Related Decision Making. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 344.	2.0	17
108	Studying the effect of lubricant on laser joining of AA 6111 panels with the addition of AA 4047 filler wire. <i>Materials and Design</i> , 2017, 116, 176-187.	7.0	17

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109	High-temperature mechanical and thermal properties of Ca _{1-x} Sr _x ZrO ₃ solid solutions. <i>Journal of the American Ceramic Society</i> , 2020, 103, 1992-2000.	3.8	17
110	Turbulence, pseudo-turbulence, and local flow topology in dispersed bubbly flow. <i>Physics of Fluids</i> , 2020, 32, .	4.0	17
111	Integration and Evaluation of Forecast-Informed Multiobjective Reservoir Operations. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2020, 146, .	2.6	17
112	Adsorption study of p-nitrophenol on a silver(I) triazolate MOF. <i>Journal of Porous Materials</i> , 2020, 27, 1409-1417.	2.6	17
113	On future flood magnitudes and estimation uncertainty across 151 catchments in mainland China. <i>International Journal of Climatology</i> , 2021, 41, E779.	3.5	17
114	Assessing Rectal Cancer Treatment Response Using Coregistered Endorectal Photoacoustic and US Imaging Paired with Deep Learning. <i>Radiology</i> , 2021, 299, 349-358.	7.3	17
115	Which GAN? A comparative study of generative adversarial network-based fast MRI reconstruction. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200203.	3.4	17
116	Effects of thermal treatment on broadband near-infrared emission from Bi-doped chalcogenide glasses. <i>Journal of the European Ceramic Society</i> , 2008, 28, 3189-3191.	5.7	16
117	Effect of Side Ratio and Aiding/Opposing Buoyancy on the Aerodynamic and Heat Transfer Characteristics around a Rectangular Cylinder at Low Reynolds Numbers. <i>Numerical Heat Transfer; Part A: Applications</i> , 2013, 64, 1016-1037.	2.1	16
118	Evaluation of Non-Local Means Based Denoising Filters for Diffusion Kurtosis Imaging Using a New Phantom. <i>PLoS ONE</i> , 2015, 10, e0116986.	2.5	16
119	Experimental study and numerical models assessment of turbulent mixed convection heat transfer in a vertical open cavity. <i>Building and Environment</i> , 2017, 115, 91-103.	6.9	16
120	Whole-tumor histogram analysis of monoexponential and advanced diffusion-weighted imaging for sinonasal malignant tumors: Correlations with histopathologic features. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 273-285.	3.4	16
121	Role of blood oxygenation saturation in ovarian cancer diagnosis using multispectral photoacoustic tomography. <i>Journal of Biophotonics</i> , 2021, 14, e202000368.	2.3	16
122	⁷⁷ Se solid-state NMR of As ₂ Se ₃ , As ₄ Se ₄ and As ₄ Se ₃ crystals: a combined experimental and computational study. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 6284.	2.8	15
123	Decreasing the surface roughness of aluminum alloy welds fabricated by a dual beam laser. <i>Materials and Design</i> , 2017, 127, 287-296.	7.0	15
124	N, P dual-doped hollow carbon spheres for high-performance supercapacitors. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 3631-3640.	2.5	15
125	Effect of Pt content on initial TGO formation and available Al reserve of Pt-Al coatings during thermal cycling. <i>Surface and Coatings Technology</i> , 2018, 337, 82-89.	4.8	15
126	Automating in vivo cardiac diffusion tensor postprocessing with deep learning-based segmentation. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 2801-2814.	3.0	15

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127	Transport of Turbulence Across Permeable Interface in a Turbulent Channel Flow: Interface-Resolved Direct Numerical Simulation. <i>Transport in Porous Media</i> , 2021, 136, 165-189.	2.6	15
128	<p>Differentiation of Treatment-Related Effects from Glioma Recurrence Using Machine Learning Classifiers Based Upon Pre-and Post-Contrast T1WI and T2 FLAIR Subtraction Features: A Two-Center Study</p>. <i>Cancer Management and Research</i> , 2020, Volume 12, 3191-3201.	1.9	15
129	A superhydrophilic metal-organic framework thin film for enhancing capillary-driven boiling heat transfer. <i>Journal of Materials Chemistry A</i> , 2021, 9, 25480-25487.	10.3	15
130	Viscosity of As ₂ Se ₃ Glass During the Fiber Drawing Process. <i>Journal of the American Ceramic Society</i> , 2011, 94, 2408-2411.	3.8	14
131	Study of In-situ Synthesis TiCp/Ti Composite Coating on Alloy Ti6Al4 V by TIG Cladding. <i>Procedia Engineering</i> , 2012, 36, 349-354.	1.2	14
132	Characterisation of acid-base surface free energy components of urea-water solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 538, 774-780.	4.7	14
133	Flood Frequency Analysis of Interconnected Rivers by Copulas. <i>Water Resources Management</i> , 2020, 34, 3533-3549.	3.9	14
134	<p>Evaluating Solid Lung Adenocarcinoma Anaplastic Lymphoma Kinase Gene Rearrangement Using Noninvasive Radiomics Biomarkers</p>. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 6927-6935.	2.0	14
135	Cyanobacterial Sfp-type phosphopantetheinyl transferases functionalize carrier proteins of diverse biosynthetic pathways. <i>Scientific Reports</i> , 2017, 7, 11888.	3.3	13
136	Hexameric Silver(I) Pyrazolate: Synthesis, Structure, and Isomerization. <i>Inorganic Chemistry</i> , 2017, 56, 11310-11316.	4.0	13
137	Textured-Based Deep Learning in Prostate Cancer Classification with 3T Multiparametric MRI: Comparison with PI-RADS-Based Classification. <i>Diagnostics</i> , 2021, 11, 1785.	2.6	13
138	Co-registered photoacoustic and ultrasound imaging of human colorectal cancer. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	2.6	13
139	Spontaneously grown boehmite structures improve pool boiling heat transfer on aluminium surfaces. <i>International Journal of Heat and Mass Transfer</i> , 2022, 192, 122937.	4.8	13
140	Brain Metabolite Alterations in Children with Primary Nocturnal Enuresis Using Proton Magnetic Resonance Spectroscopy. <i>Neurochemical Research</i> , 2014, 39, 1355-1362.	3.3	12
141	Perceived reputation of others modulates empathic neural responses. <i>Experimental Brain Research</i> , 2016, 234, 125-132.	1.5	12
142	Proposers' Economic Status Affects Behavioral and Neural Responses to Unfairness. <i>Frontiers in Psychology</i> , 2017, 8, 847.	2.1	12
143	Preparation of lanthanum zirconate films with a widely controllable La/Zr ratio by LCVD. <i>Ceramics International</i> , 2018, 44, 10621-10627.	4.8	12
144	Insights into the enhancement of CO ₂ adsorption on faujasite with a low Si/Al ratio: Understanding the formation sequence of adsorption complexes. <i>Chemical Engineering Journal</i> , 2021, 404, 127056.	12.7	12

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145	Alkali metal tungsten bronze-doped energy-saving glasses for near-infrared shielding applications. <i>Ceramics International</i> , 2021, 47, 31122-31129.	4.8	12
146	Complexation of triangular silver(<i>Ag</i>) or copper(<i>Cu</i>) nitropyrazolates with dibenzothiophenes having potential use in adsorptive desulfurization. <i>Dalton Transactions</i> , 2021, 50, 2915-2927.	3.3	12
147	Annealing Genetic GAN for Imbalanced Web Data Learning. <i>IEEE Transactions on Multimedia</i> , 2022, 24, 1164-1174.	7.2	12
148	Fabrication of columnar structured lanthanum zirconate films by laser CVD. <i>Journal of the American Ceramic Society</i> , 2017, 100, 4232-4239.	3.8	11
149	Reduction of Gibbs artifacts in magnetic resonance imaging based on Convolutional Neural Network. , 2017, , .		11
150	A systematic investigation of structural transformation in a copper pyrazolato system: a case study. <i>Dalton Transactions</i> , 2020, 49, 1116-1123.	3.3	11
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