

Yang Shen

List of Publications by Year in descending order

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231
papers

11,430
citations

36303

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38395

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all docs

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docs citations

244
times ranked

14503
citing authors

#	ARTICLE	IF	CITATIONS
1	ESR1 ligand-binding domain mutations in hormone-resistant breast cancer. <i>Nature Genetics</i> , 2013, 45, 1439-1445.	21.4	960
2	Genomic and Molecular Landscape of DNA Damage Repair Deficiency across The Cancer Genome Atlas. <i>Cell Reports</i> , 2018, 23, 239-254.e6.	6.4	801
3	Synergistic Coupling between $\text{Li}_{6.75}\text{La}_3\text{Zr}_{1.75}\text{Ta}_{0.25}\text{O}_{12}$ and Poly(vinylidene fluoride) Induces High Ionic Conductivity, Mechanical Strength, and Thermal Stability of Solid Composite Electrolytes. <i>Journal of the American Chemical Society</i> , 2017, 139, 13779-13785.	13.7	698
4	Overcoming mutation-based resistance to antiandrogens with rational drug design. <i>ELife</i> , 2013, 2, e00499.	6.0	334
5	DeepAffinity: interpretable deep learning of compound-protein affinity through unified recurrent and convolutional neural networks. <i>Bioinformatics</i> , 2019, 35, 3329-3338.	4.1	279
6	Lithium-Salt-Rich PEO/ $\text{Li}_{0.3}\text{La}_{0.557}\text{TiO}_3$ Interpenetrating Composite Electrolyte with Three-Dimensional Ceramic Nano-Backbone for All-Solid-State Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 24791-24798.	8.0	230
7	Geochemical constraints on initial and final depths of melting beneath mid-ocean ridges. <i>Journal of Geophysical Research</i> , 1995, 100, 2211-2237.	3.3	216
8	Seismic evidence for a lower-mantle origin of the Iceland plume. <i>Nature</i> , 1998, 395, 62-65.	27.8	214
9	Achieving reliability and high accuracy in automated protein docking: Cluspro, PIPER, SDU, and stability analysis in CAPRI rounds 13-19. <i>Proteins: Structure, Function and Bioinformatics</i> , 2010, 78, 3124-3130.	2.6	211
10	Phase Velocities of Rayleigh Waves in the MELT Experiment on the East Pacific Rise. <i>Science</i> , 1998, 280, 1235-1238.	12.6	197
11	Mantle flow, melting, and dehydration of the Iceland mantle plume. <i>Earth and Planetary Science Letters</i> , 1999, 165, 81-96.	4.4	172
12	Unsplit complex frequency-shifted PML implementation using auxiliary differential equations for seismic wave modeling. <i>Geophysics</i> , 2010, 75, T141-T154.	2.6	168
13	Robots Under COVID-19 Pandemic: A Comprehensive Survey. <i>IEEE Access</i> , 2021, 9, 1590-1615.	4.2	149
14	Prediction of homoprotein and heteroprotein complexes by protein docking and template-based modeling: A CASP-CAPRI experiment. <i>Proteins: Structure, Function and Bioinformatics</i> , 2016, 84, 323-348.	2.6	148
15	Addressing the Interface Issues in All-Solid-State Bulk-Type Lithium Ion Battery via an All-Composite Approach. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 9654-9661.	8.0	139
16	Polymer Nanocomposites with Interpenetrating Gradient Structure Exhibiting Ultrahigh Discharge Efficiency and Energy Density. <i>Advanced Energy Materials</i> , 2019, 9, 1803411.	19.5	132
17	A complex Tibetan upper mantle: A fragmented Indian slab and no south-verging subduction of Eurasian lithosphere. <i>Earth and Planetary Science Letters</i> , 2012, 333-334, 101-111.	4.4	117
18	Upper mantle structure beneath the Azores hotspot from finite-frequency seismic tomography. <i>Earth and Planetary Science Letters</i> , 2006, 250, 11-26.	4.4	116

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19	Spatiotemporal patterns of recent PM2.5 concentrations over typical urban agglomerations in China. <i>Science of the Total Environment</i> , 2019, 655, 13-26.	8.0	112
20	Imaging seismic velocity structure beneath the Iceland hot spot: A finite frequency approach. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	109
21	Comparison of Dry Eye and Corneal Sensitivity between Small Incision Lenticule Extraction and Femtosecond LASIK for Myopia. <i>PLoS ONE</i> , 2013, 8, e77797.	2.5	106
22	Mild Decentration Measured by a Scheimpflug Camera and Its Impact on Visual Quality Following SMILE in the Early Learning Curve. , 2014, 55, 3886.		104
23	The Safety and Predictability of Implanting Autologous Lenticule Obtained by SMILE for Hyperopia. <i>Journal of Refractive Surgery</i> , 2015, 31, 374-379.	2.3	104
24	Transparent broadband metamaterial absorber enhanced by water-substrate incorporation. <i>Optics Express</i> , 2018, 26, 15665.	3.4	99
25	Significantly increased energy density and discharge efficiency at high temperature in polyetherimide nanocomposites by a small amount of Al ₂ O ₃ nanoparticles. <i>Journal of Materials Chemistry A</i> , 2020, 8, 24536-24542.	10.3	98
26	The distribution of the mid- to lower crustal low-velocity zone beneath the northeastern Tibetan Plateau revealed from ambient noise tomography. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 1954-1970.	3.4	97
27	ICAM1 initiates CTC cluster formation and trans-endothelial migration in lung metastasis of breast cancer. <i>Nature Communications</i> , 2021, 12, 4867.	12.8	97
28	A Survey on AI-Driven Digital Twins in Industry 4.0: Smart Manufacturing and Advanced Robotics. <i>Sensors</i> , 2021, 21, 6340.	3.8	95
29	Comparison of Corneal Deformation Parameters After SMILE, LASEK, and Femtosecond Laser-Assisted LASIK. <i>Journal of Refractive Surgery</i> , 2014, 30, 310-318.	2.3	93
30	Tuning Phase Composition of Polymer Nanocomposites toward High Energy Density and High Discharge Efficiency by Nonequilibrium Processing. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 29717-29731.	8.0	81
31	Water-based metamaterial absorbers for optical transparency and broadband microwave absorption. <i>Journal of Applied Physics</i> , 2018, 123, .	2.5	81
32	Phage resistance at the cost of virulence: <i>Listeria monocytogenes</i> serovar 4b requires galactosylated teichoic acids for InlB-mediated invasion. <i>PLoS Pathogens</i> , 2019, 15, e1008032.	4.7	78
33	ClusPro: Performance in CAPRI rounds 6 and the new server. <i>Proteins: Structure, Function and Bioinformatics</i> , 2007, 69, 781-785.	2.6	77
34	Seismic evidence for a tilted mantle plume and north-south mantle flow beneath Iceland. <i>Earth and Planetary Science Letters</i> , 2002, 197, 261-272.	4.4	76
35	A hybrid sub-lineage of <i>Listeria monocytogenes</i> comprising hypervirulent isolates. <i>Nature Communications</i> , 2019, 10, 4283.	12.8	76
36	Upper mantle structure of the Cascades from full-wave ambient noise tomography: Evidence for 3D mantle upwelling in the back-arc. <i>Earth and Planetary Science Letters</i> , 2014, 390, 222-233.	4.4	73

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37	Finite frequency tomography in southeastern Tibet: Evidence for the causal relationship between mantle lithosphere delamination and the north-south trending rifts. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	71
38	H2S Inhibits Hyperglycemia-Induced Intrarenal Renin-Angiotensin System Activation via Attenuation of Reactive Oxygen Species Generation. <i>PLoS ONE</i> , 2013, 8, e74366.	2.5	68
39	Delineating the spatial-temporal variation of air pollution with urbanization in the Belt and Road Initiative area. <i>Environmental Impact Assessment Review</i> , 2021, 91, 106646.	9.2	68
40	Seismic evidence for a Moho offset and south-directed thrust at the easternmost Qaidam-Kunlun boundary in the Northeast Tibetan plateau. <i>Earth and Planetary Science Letters</i> , 2009, 288, 329-334.	4.4	67
41	Upper mantle structures beneath the Carpathian-Pannonian region: Implications for the geodynamics of continental collision. <i>Earth and Planetary Science Letters</i> , 2012, 349-350, 139-152.	4.4	66
42	Three-dimensional anisotropic seismic wave modelling in spherical coordinates by a collocated-grid finite-difference method. <i>Geophysical Journal International</i> , 2012, 188, 1359-1381.	2.4	66
43	Three-dimensional quantitative in situ study of crack initiation and propagation in AA6061 aluminum alloy sheets via synchrotron laminography and finite-element simulations. <i>Acta Materialia</i> , 2013, 61, 2571-2582.	7.9	66
44	An in Situ-Formed Mosaic Li ₇ Sn ₃ /LiF Interface Layer for High-Rate and Long-Life Garnet-Based Lithium Metal Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 34939-34947.	8.0	66
45	An Improved Method to Extract Very-Broadband Empirical Green's Functions from Ambient Seismic Noise. <i>Bulletin of the Seismological Society of America</i> , 2012, 102, 1872-1877.	2.3	65
46	Microdistortions in Bowman's Layer Following Femtosecond Laser Small Incision Lenticule Extraction Observed by Fourier-Domain OCT. <i>Journal of Refractive Surgery</i> , 2013, 29, 668-674.	2.3	64
47	NO _x Emission Changes Over China During the COVID-19 Epidemic Inferred From Surface NO ₂ Observations. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090080.	4.0	62
48	Mantle Discontinuity Structure Beneath the Southern East Pacific Rise from P-to-S Converted Phases. <i>Science</i> , 1998, 280, 1232-1235.	12.6	61
49	Non-intuitive concomitant enhancement of dielectric permittivity, breakdown strength and energy density in percolative polymer nanocomposites by trace Ag nanodots. <i>Journal of Materials Chemistry A</i> , 2019, 7, 15198-15206.	10.3	61
50	Engineering a HER2-specific antibody-drug conjugate to increase lysosomal delivery and therapeutic efficacy. <i>Nature Biotechnology</i> , 2019, 37, 523-526.	17.5	58
51	The distribution and drivers of PM _{2.5} in a rapidly urbanizing region: The Belt and Road Initiative in focus. <i>Science of the Total Environment</i> , 2020, 716, 137010.	8.0	57
52	Abundant seamounts of the Rano Rahi seamount field near the Southern East Pacific Rise, 15°½ S to 19°½ S. <i>Marine Geophysical Researches</i> , 1996, 18, 13-52.	1.2	55
53	Structural and functional diversity in <i>Listeria</i> cell wall teichoic acids. <i>Journal of Biological Chemistry</i> , 2017, 292, 17832-17844.	3.4	55
54	Upper Mantle Earth Structure in Africa From Full-Wave Ambient Noise Tomography. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 120-147.	2.5	55

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55	Excellent Stability in Polyetherimide/SiO ₂ Nanocomposites with Ultrahigh Energy Density and Discharge Efficiency at High Temperature. <i>Small</i> , 2022, 18, .	10.0	54
56	c-Myc promotes renal fibrosis by inducing integrin α v-mediated transforming growth factor- β signaling. <i>Kidney International</i> , 2017, 92, 888-899.	5.2	52
57	TALE: Transformer-based protein function Annotation with joint sequence Label Embedding. <i>Bioinformatics</i> , 2021, 37, 2825-2833.	4.1	52
58	Comparison of Corneal Sensation Between Small Incision Lenticule Extraction (SMILE) and Femtosecond Laser-Assisted LASIK for Myopia. <i>Journal of Refractive Surgery</i> , 2014, 30, 94-100.	2.3	52
59	Identification of YbeY-Protein Interactions Involved in 16S rRNA Maturation and Stress Regulation in <i>Escherichia coli</i> . <i>MBio</i> , 2016, 7, .	4.1	51
60	Blind prediction of interfacial water positions in CAPRI. <i>Proteins: Structure, Function and Bioinformatics</i> , 2014, 82, 620-632.	2.6	50
61	High Capacity, Superior Cyclic Performances in All-Solid-State Lithium-Ion Batteries Based on 78Li ₂ S-22P ₂ S ₅ Glass-Ceramic Electrolytes Prepared via Simple Heat Treatment. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 28542-28548.	8.0	49
62	High-performance all-solid-state lithium-sulfur batteries with sulfur/carbon nano-hybrids in a composite cathode. <i>Journal of Materials Chemistry A</i> , 2018, 6, 23345-23356.	10.3	48
63	Optical Quality and Intraocular Scattering After Femtosecond Laser Small Incision Lenticule Extraction. <i>Journal of Refractive Surgery</i> , 2014, 30, 296-302.	2.3	48
64	Diffuse lamellar keratitis after small-incision lenticule extraction. <i>Journal of Cataract and Refractive Surgery</i> , 2015, 41, 400-407.	1.5	47
65	Seismic evidence for accumulated oceanic crust above the 660-km discontinuity beneath southern Africa. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	44
66	Metformin Prevents Renal Fibrosis in Mice with Unilateral Ureteral Obstruction and Inhibits Ang II-Induced ECM Production in Renal Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2016, 17, 146.	4.1	44
67	De Novo Protein Design for Novel Folds Using Guided Conditional Wasserstein Generative Adversarial Networks. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 5667-5681.	5.4	44
68	Hot mantle transition zone beneath Iceland and the adjacent Mid-Atlantic Ridge inferred from P-to-S conversions at the 410- and 660-km discontinuities. <i>Geophysical Research Letters</i> , 1996, 23, 3527-3530.	4.0	43
69	High resolution regional seismic attenuation tomography in eastern Tibetan Plateau and adjacent regions. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	43
70	Seismic evidence for significant melt beneath the Long Valley Caldera, California, USA. <i>Geology</i> , 2018, 46, 799-802.	4.4	42
71	Numerical simulation of strong ground motion for the M 8.0 Wenchuan earthquake of 12 May 2008. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 1673-1682.	0.9	41
72	Protein Docking by the Underestimation of Free Energy Funnels in the Space of Encounter Complexes. <i>PLoS Computational Biology</i> , 2008, 4, e1000191.	3.2	41

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73	High-performance Li ₆ PS ₅ Cl-based all-solid-state lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 18612-18618.	10.3	40
74	Energy-based graph convolutional networks for scoring protein docking models. <i>Proteins: Structure, Function and Bioinformatics</i> , 2020, 88, 1091-1099.	2.6	40
75	Trade-off in production between adjacent seamount chains near the East Pacific Rise. <i>Nature</i> , 1995, 373, 140-143.	27.8	39
76	Thermal, hydrous, and mechanical states of the mantle transition zone beneath southern Africa. <i>Earth and Planetary Science Letters</i> , 2004, 217, 367-378.	4.4	39
77	Mesoscale convective system surface pressure anomalies responsible for meteotsunamis along the U.S. East Coast on June 13th, 2013. <i>Scientific Reports</i> , 2014, 4, 7143.	3.3	39
78	Relationship Among Corneal Stiffness, Thickness, and Biomechanical Parameters Measured by Corvis ST, Pentacam and ORA in Keratoconus. <i>Frontiers in Physiology</i> , 2019, 10, 740.	2.8	39
79	Correlation Between Corneal Topographic, Densitometry, and Biomechanical Parameters in Keratoconus Eyes. <i>Translational Vision Science and Technology</i> , 2019, 8, 12.	2.2	39
80	Impact of weather and emission changes on NO ₂ concentrations in China during 2014–2019. <i>Environmental Pollution</i> , 2021, 269, 116163.	7.5	39
81	Designing polymer nanocomposites with high energy density using machine learning. <i>Npj Computational Materials</i> , 2021, 7, .	8.7	39
82	One-Year Follow-Up of Changes in Corneal Densitometry After Accelerated (45 mW/cm ²) Transepithelial Corneal Collagen Cross-Linking for Keratoconus. <i>Cornea</i> , 2016, 35, 1434-1440.	1.7	38
83	The Morphology of Corneal Cap and Its Relation to Refractive Outcomes in Femtosecond Laser Small Incision Lenticule Extraction (SMILE) with Anterior Segment Optical Coherence Tomography Observation. <i>PLoS ONE</i> , 2013, 8, e70208.	2.5	37
84	Wave speed structure of the eastern North American margin. <i>Earth and Planetary Science Letters</i> , 2017, 459, 394-405.	4.4	37
85	High Capacity and Superior Cyclic Performances of All-Solid-State Lithium Batteries Enabled by a Glass-Ceramics Solo. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 10029-10035.	8.0	37
86	Structure and function of <i>Listeria</i> teichoic acids and their implications. <i>Molecular Microbiology</i> , 2020, 113, 627-637.	2.5	37
87	Seismological evidence for a mid-mantle discontinuity beneath Hawaii and Iceland. <i>Earth and Planetary Science Letters</i> , 2003, 214, 143-151.	4.4	36
88	N-acetylcysteine alleviates angiotensin II-mediated renal fibrosis in mouse obstructed kidneys. <i>Acta Pharmacologica Sinica</i> , 2016, 37, 637-644.	6.1	36
89	Shear wave structure in the northeastern Tibetan Plateau from Rayleigh wave tomography. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 4170-4183.	3.4	34
90	An All-Scale Hierarchical Architecture Induces Colossal Room-Temperature Electrocaloric Effect at Ultralow Electric Field in Polymer Nanocomposites. <i>Advanced Materials</i> , 2020, 32, e1907927.	21.0	34

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91	Long-range transport of ozone across the eastern China seas: A case study in coastal cities in southeastern China. <i>Science of the Total Environment</i> , 2021, 768, 144520.	8.0	34
92	Testing the Substrate-Envelope Hypothesis with Designed Pairs of Compounds. <i>ACS Chemical Biology</i> , 2013, 8, 2433-2441.	3.4	33
93	Light-mediated discovery of surfaceome nanoscale organization and intercellular receptor interaction networks. <i>Nature Communications</i> , 2021, 12, 7036.	12.8	33
94	P300-dependent STAT3 acetylation is necessary for angiotensin II-induced pro-fibrotic responses in renal tubular epithelial cells. <i>Acta Pharmacologica Sinica</i> , 2014, 35, 1157-1166.	6.1	31
95	Seismic wave speed structure of the Ontong Java Plateau. <i>Earth and Planetary Science Letters</i> , 2015, 420, 140-150.	4.4	31
96	Glycotyping and Specific Separation of <i>Listeria monocytogenes</i> with a Novel Bacteriophage Protein Tool Kit. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	31
97	Investigation of microearthquake activity following an intraplate teleseismic swarm on the west flank of the Southern East Pacific Rise. <i>Journal of Geophysical Research</i> , 1997, 102, 459-475.	3.3	30
98	Explainable Deep Relational Networks for Predicting Compound-Protein Affinities and Contacts. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 46-66.	5.4	30
99	Finite-frequency sensitivity kernels for head waves. <i>Geophysical Journal International</i> , 2007, 171, 847-856.	2.4	29
100	Suppression of XBP1S Mediates High Glucose-Induced Oxidative Stress and Extracellular Matrix Synthesis in Renal Mesangial Cell and Kidney of Diabetic Rats. <i>PLoS ONE</i> , 2013, 8, e56124.	2.5	29
101	Crustal and upper mantle structure beneath the northeastern Tibetan Plateau from joint analysis of receiver functions and Rayleigh wave dispersions. <i>Geophysical Journal International</i> , 2016, 204, 583-590.	2.4	29
102	Crustal and mantle velocity models of southern Tibet from finite frequency tomography. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	28
103	Changes in Corneal Deformation Parameters after Lenticule Creation and Extraction during Small Incision Lenticule Extraction (SMILE) Procedure. <i>PLoS ONE</i> , 2014, 9, e103893.	2.5	28
104	Inhibition of STAT3 acetylation is associated with attenuated renal fibrosis in the obstructed kidney. <i>Acta Pharmacologica Sinica</i> , 2014, 35, 1045-1054.	6.1	27
105	Imaging Rayleigh wave attenuation with USArray. <i>Geophysical Journal International</i> , 2016, 206, 241-259.	2.4	27
106	Transparent and broadband absorption-diffusion-integrated low-scattering metamaterial by standing-up lattice. <i>Optics Express</i> , 2018, 26, 28363.	3.4	27
107	Colossal thermoelectric enhancement in $\text{Cu}_{2+x}\text{Zn}_{1-x}\text{SnS}_4$ solid solution by local disordering of crystal lattice and multi-scale defect engineering. <i>Journal of Materials Chemistry A</i> , 2020, 8, 10909-10916.	10.3	27
108	Corneal Lenticule Allotransplantation After Femtosecond Laser Small Incision Lenticule Extraction in Rabbits. <i>Cornea</i> , 2017, 36, 222-228.	1.7	25

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109	Seismic evidence for a possible deep crustal hot zone beneath Southwest Washington. <i>Scientific Reports</i> , 2017, 7, 7400.	3.3	25
110	One-year follow-up of accelerated transepithelial corneal collagen cross-linking for progressive pediatric keratoconus. <i>BMC Ophthalmology</i> , 2018, 18, 75.	1.4	25
111	Network-principled deep generative models for designing drug combinations as graph sets. <i>Bioinformatics</i> , 2020, 36, i445-i454.	4.1	24
112	Extracellular Domains I and II of cell-surface glycoprotein CD44 mediate its trans-homophilic dimerization and tumor cluster aggregation. <i>Journal of Biological Chemistry</i> , 2020, 295, 2640-2649.	3.4	24
113	Theoretical Graetzâ€“DamkÃ¶hler modeling of an air-breathing microfluidic fuel cell. <i>Journal of Power Sources</i> , 2013, 231, 1-5.	7.8	22
114	Broadband reflectionless metamaterials with customizable absorptionâ€“transmission-integrated performance. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	2.3	22
115	Conventional and transepithelial corneal cross-linking for patients with keratoconus. <i>PLoS ONE</i> , 2018, 13, e0195105.	2.5	22
116	Using Donor Lenticules Obtained Through SMILE for an Epikeratophakia Technique Combined With Phototherapeutic Keratectomy. <i>Journal of Refractive Surgery</i> , 2016, 32, 840-845.	2.3	22
117	Cross-dependence of finite-frequency compressional waveforms to shear seismic wave speeds. <i>Geophysical Journal International</i> , 2008, 174, 941-948.	2.4	21
118	Insulin deficiency induces rat renal mesangial cell dysfunction via activation of IGF-1/IGF-1R pathway. <i>Acta Pharmacologica Sinica</i> , 2016, 37, 217-227.	6.1	21
119	SDU: A Semidefinite Programming-Based Underestimation Method for Stochastic Global Optimization in Protein Docking. <i>IEEE Transactions on Automatic Control</i> , 2007, 52, 664-676.	5.7	20
120	Validation of Shear-Wave Velocity Models of the Pacific Northwest. <i>Bulletin of the Seismological Society of America</i> , 2012, 102, 2611-2621.	2.3	20
121	A Preliminary Fullâ€“Wave Ambientâ€“Noise Tomography Model Spanning from the Juan de Fuca and Gorda Spreading Centers to the Cascadia Volcanic Arc. <i>Seismological Research Letters</i> , 2015, 86, 1253-1260.	1.9	20
122	The Driving Influence of Multi-Dimensional Urbanization on PM2.5 Concentrations in Africa: New Evidence from Multi-Source Remote Sensing Data, 2000â€“2018. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9389.	2.6	20
123	Transparent absorption-diffusion-integrated water-based all-dielectric metasurface for broadband backward scattering reduction. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 485301.	2.8	19
124	An alternating multilayer architecture boosts ultrahigh energy density and high discharge efficiency in polymer composites. <i>RSC Advances</i> , 2020, 10, 5886-5893.	3.6	19
125	Frequency-Dependent Crustal Correction for Finite-Frequency Seismic Tomography. <i>Bulletin of the Seismological Society of America</i> , 2006, 96, 2441-2448.	2.3	18
126	iCFN: an efficient exact algorithm for multistate protein design. <i>Bioinformatics</i> , 2018, 34, i811-i820.	4.1	18

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127	Topologically distributed one-dimensional TiO ₂ nanofillers maximize the dielectric energy density in a P(VDF-HFP) nanocomposite. <i>Journal of Materials Chemistry A</i> , 2020, 8, 18244-18253.	10.3	18
128	Small Incision Lenticule Extraction (SMILE) for Moderate and High Myopia: Seven-Year Outcomes of Refraction, Corneal Tomography, and Wavefront Aberrations. <i>Journal of Ophthalmology</i> , 2020, 2020, 1-7.	1.3	18
129	Improved flexible refinement of protein docking in CAPRI rounds 22-27. <i>Proteins: Structure, Function and Bioinformatics</i> , 2013, 81, 2129-2136.	2.6	17
130	A Ferroconcrete-Like All-Organic Nanocomposite Exhibiting Improved Mechanical Property, High Breakdown Strength, and High Energy Efficiency. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1900433.	3.6	17
131	Galactosylated wall teichoic acid, but not lipoteichoic acid, retains InlB on the surface of serovar 4b <i>Listeria monocytogenes</i> . <i>Molecular Microbiology</i> , 2020, 113, 638-649.	2.5	17
132	Array-Based Convolutional Neural Networks for Automatic Detection and 4D Localization of Earthquakes in Hawaii. <i>Seismological Research Letters</i> , 2021, 92, 2961-2971.	1.9	17
133	Coupled seismic slip on adjacent oceanic transform faults. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	16
134	CHOP mediates XBP1S-induced renal mesangial cell necrosis following high glucose treatment. <i>European Journal of Pharmacology</i> , 2015, 758, 89-96.	3.5	16
135	Asymmetric Dual Arm Approach For Post Stroke Recovery Of Motor Functions Utilizing The EXO-UL8 Exoskeleton System: A Pilot Study. , 2018, 2018, 1701-1707.		16
136	Evaluating the predictions of the protein stability change upon single amino acid substitutions for the FXN CAG15 challenge. <i>Human Mutation</i> , 2019, 40, 1392-1399.	2.5	16
137	Tracking national sustainability of critical natural capital and the socioeconomic drivers in the context of the Belt and Road Initiative. <i>Ecological Indicators</i> , 2020, 114, 106315.	6.3	16
138	A Three-Year Observation of Corneal Backscatter After Small Incision Lenticule Extraction (SMILE). <i>Journal of Refractive Surgery</i> , 2017, 33, 377-382.	2.3	16
139	Synthetical dispersion engineering in plasmonic metamaterial absorber for broadband absorption enhancement. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 085103.	2.8	15
140	Object-Based Mapping of Plastic Greenhouses with Scattered Distribution in Complex Land Cover Using Landsat 8 OLI Images: A Case Study in Xuzhou, China. <i>Journal of the Indian Society of Remote Sensing</i> , 2020, 48, 287-303.	2.4	15
141	Sensor Reduction, Estimation, and Control of an Upper-Limb Exoskeleton. <i>IEEE Robotics and Automation Letters</i> , 2021, 6, 1012-1019.	5.1	15
142	Intra- and Intersession Repeatability of an Optical Quality and Intraocular Scattering Measurement System in Children. <i>PLoS ONE</i> , 2015, 10, e0142189.	2.5	15
143	An Optical/Ferroelectric Multiplexing Multidimensional Nonvolatile Memory from Ferroelectric Polymer. <i>Advanced Materials</i> , 2022, 34, e2202181.	21.0	15
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