

Jing Zhao

List of Publications by Year in descending order

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163
papers

5,461
citations

87888

38
h-index

110387

64
g-index

166
all docs

166
docs citations

166
times ranked

6759
citing authors

#	ARTICLE	IF	CITATIONS
1	Can Mobile Phone Apps Influence People's Health Behavior Change? An Evidence Review. <i>Journal of Medical Internet Research</i> , 2016, 18, e287.	4.3	508
2	Ultra-sensitive strain sensors based on piezoresistive nanographene films. <i>Applied Physics Letters</i> , 2012, 101, 063112.	3.3	270
3	The effect of non-covalent interaction of chlorogenic acid with whey protein and casein on physicochemical and radical-scavenging activity of in vitro protein digests. <i>Food Chemistry</i> , 2018, 268, 334-341.	8.2	216
4	Piezotronic Graphene Artificial Sensory Synapse. <i>Advanced Functional Materials</i> , 2019, 29, 1900959.	14.9	147
5	Surface Functionalization of Polymeric Nanoparticles with Umbilical Cord-Derived Mesenchymal Stem Cell Membrane for Tumor-Targeted Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 22963-22973.	8.0	110
6	A hidden human proteome encoded by "non-coding" genes. <i>Nucleic Acids Research</i> , 2019, 47, 8111-8125.	14.5	110
7	Micromotor Pills as a Dynamic Oral Delivery Platform. <i>ACS Nano</i> , 2018, 12, 8397-8405.	14.6	104
8	Mechanoplastic Tribotronic Floating-Gate Neuromorphic Transistor. <i>Advanced Functional Materials</i> , 2020, 30, 2002506.	14.9	103
9	Genetic interactions between diverged alleles of <i>Early heading date 1</i> (<i>Ehd1</i>) and <i>Heading date 3a</i> (<i>Hd3a</i>) / RICE <i>FLOWERING LOCUS T1</i> (<i>RFT1</i>) control differential heading and contribute to regional adaptation in rice (<i>Oryza sativa</i>). <i>New Phytologist</i> , 2015, 208, 936-948.	7.3	102
10	Willingness to consume insect-containing foods: A survey in the United States. <i>LWT - Food Science and Technology</i> , 2019, 102, 100-105.	5.2	101
11	A hybrid method of dynamic cooling and heating load forecasting for office buildings based on artificial intelligence and regression analysis. <i>Energy and Buildings</i> , 2018, 174, 293-308.	6.7	98
12	Multi-objective optimization design for windows and shading configuration considering energy consumption and thermal comfort: A case study for office building in different climatic regions of China. <i>Solar Energy</i> , 2020, 206, 997-1017.	6.1	97
13	Two-dimensional vehicular movement modelling at intersections based on optimal control. <i>Transportation Research Part B: Methodological</i> , 2020, 138, 1-22.	5.9	95
14	Time-lagged response of vegetation dynamics to climatic and teleconnection factors. <i>Catena</i> , 2020, 189, 104474.	5.0	90
15	Identification of protein phosphatase 1 as a regulator of the LRRK2 phosphorylation cycle. <i>Biochemical Journal</i> , 2013, 456, 119-128.	3.7	88
16	Phosphorylation of LRRK2 serines 955 and 973 is disrupted by Parkinson's disease mutations and LRRK2 pharmacological inhibition. <i>Journal of Neurochemistry</i> , 2012, 120, 37-45.	3.9	84
17	Strong photoperiod sensitivity is controlled by cooperation and competition among <i>Hd1</i> , <i>Ghd7</i> and <i>DTH8</i> in rice heading. <i>New Phytologist</i> , 2021, 229, 1635-1649.	7.3	78
18	A Dual-Enzyme-Assisted Three-Dimensional DNA Walking Machine Using T4 Polynucleotide Kinase as Activators and Application in Polynucleotide Kinase Assays. <i>Analytical Chemistry</i> , 2018, 90, 2810-2815.	6.5	73

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19	Determination of Ionization and Tunneling Times in High-Order Harmonic Generation. <i>Physical Review Letters</i> , 2013, 111, 043901.	7.8	68
20	Growth Performance and Nutrient Composition of Mealworms (<i>Tenebrio Molitor</i>) Fed on Fresh Plant Materials-Supplemented Diets. <i>Foods</i> , 2020, 9, 151.	4.3	68
21	Changes in Structural Characteristics of Antioxidative Soy Protein Hydrolysates Resulting from Scavenging of Hydroxyl Radicals. <i>Journal of Food Science</i> , 2013, 78, C152-9.	3.1	65
22	Increasing the Capacity of Signalized Intersections with Dynamic Use of Exit Lanes for Left-Turn Traffic. <i>Transportation Research Record</i> , 2013, 2355, 49-59.	1.9	64
23	LRRK2 dephosphorylation increases its ubiquitination. <i>Biochemical Journal</i> , 2015, 469, 107-120.	3.7	64
24	Translatomics: The Global View of Translation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 212.	4.1	62
25	Mass Spectrometric Evidence of Malonaldehyde and 4-Hydroxynonenal Adductions to Radical-Scavenging Soy Peptides. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 9727-9736.	5.2	60
26	Integration of fluorescence imaging and electrochemical biosensing for both qualitative location and quantitative detection of cancer cells. <i>Biosensors and Bioelectronics</i> , 2019, 130, 132-138.	10.1	59
27	Optimal operation of displaced left-turn intersections: A lane-based approach. <i>Transportation Research Part C: Emerging Technologies</i> , 2015, 61, 29-48.	7.6	53
28	Self-Assembling Peptide-Based Multifunctional Nanofibers for Electrochemical Identification of Breast Cancer Stem-like Cells. <i>Analytical Chemistry</i> , 2019, 91, 7531-7537.	6.5	52
29	Modification of heat-induced whey protein gels by basic amino acids. <i>Food Hydrocolloids</i> , 2020, 100, 105397.	10.7	52
30	Molecular Characterization of Exosomes for Subtype-Based Diagnosis of Breast Cancer. <i>Journal of the American Chemical Society</i> , 2022, 144, 13475-13486.	13.7	52
31	Impact of in-vehicle navigation information on lane-change behavior in urban expressway diverge segments. <i>Accident Analysis and Prevention</i> , 2017, 106, 53-66.	5.7	50
32	Dynamic behavior study on voltage and temperature of proton exchange membrane fuel cells. <i>Applied Thermal Engineering</i> , 2018, 145, 343-351.	6.0	48
33	Influence of $\hat{1}^3$ -aminobutyric acid on gelling properties of heat-induced whey protein gels. <i>Food Hydrocolloids</i> , 2019, 94, 287-293.	10.7	44
34	An extended car-following model with consideration of speed guidance at intersections. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 461, 1-8.	2.6	43
35	Experimental study on temperature characteristics of an air-cooled proton exchange membrane fuel cell stack. <i>Renewable Energy</i> , 2019, 143, 1067-1078.	8.9	43
36	Modeling the interaction between vehicle yielding and pedestrian crossing behavior at unsignalized midblock crosswalks. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2020, 73, 222-235.	3.7	42

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37	Peroxygenase and Oxidase Activities of Dehaloperoxidase-Hemoglobin from <i>Amphitrite ornata</i> . <i>Journal of the American Chemical Society</i> , 2014, 136, 7914-7925.	13.7	41
38	Driving simulator evaluation of drivers' response to intersections with dynamic use of exit-lanes for left-turn. <i>Accident Analysis and Prevention</i> , 2015, 81, 107-119.	5.7	41
39	Safety evaluation of intersections with dynamic use of exit-lanes for left-turn using field data. <i>Accident Analysis and Prevention</i> , 2017, 102, 31-40.	5.7	40
40	Structural and rheological properties of mung bean protein emulsion as a liquid egg substitute: The effect of pH shifting and calcium. <i>Food Hydrocolloids</i> , 2022, 126, 107485.	10.7	39
41	Experimental investigation of the thermal response of open-cathode proton exchange membrane fuel cell stack. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 13489-13500.	7.1	38
42	Copula-Based Abrupt Variations Detection in the Relationship of Seasonal Vegetation-Climate in the Jing River Basin, China. <i>Remote Sensing</i> , 2019, 11, 1628.	4.0	37
43	Screening for Novel LRRK2 Inhibitors Using a High-Throughput TR-FRET Cellular Assay for LRRK2 Ser935 Phosphorylation. <i>PLoS ONE</i> , 2012, 7, e43580.	2.5	36
44	Physicochemical and functional properties of β -aminobutyric acid-treated soy proteins. <i>Food Chemistry</i> , 2019, 295, 267-273.	8.2	36
45	Ultrafast Hole Deformation Revealed by Molecular Attosecond Interferometry. <i>Ultrafast Science</i> , 2021, 2021, .	11.2	36
46	Integrated design and operation of urban arterials with reversible lanes. <i>Transportmetrica B</i> , 2014, 2, 130-150.	2.3	35
47	Joint Measurements of Terahertz Wave Generation and High-Harmonic Generation from Aligned Nitrogen Molecules Reveal Angle-Resolved Molecular Structures. <i>Physical Review Letters</i> , 2015, 115, 123002.	7.8	35
48	Sub-cycle coherent control of ionic dynamics via transient ionization injection. <i>Communications Physics</i> , 2020, 3, .	5.3	35
49	Increasing Signalized Intersection Capacity with Unconventional Use of Special Width Approach Lanes. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2016, 31, 794-810.	9.8	34
50	Structural and Kinetic Study of an Internal Substrate Binding Site in Dehaloperoxidase-Hemoglobin A from <i>Amphitrite ornata</i> . <i>Biochemistry</i> , 2013, 52, 2427-2439.	2.5	32
51	Operation of signalized diamond interchanges with frontage roads using dynamic reversible lane control. <i>Transportation Research Part C: Emerging Technologies</i> , 2015, 51, 196-209.	7.6	32
52	Experimental study on the purge process of a proton exchange membrane fuel cell stack with a dead-end anode. <i>Applied Thermal Engineering</i> , 2018, 142, 203-214.	6.0	32
53	Improving the Operational Efficiency of Buses With Dynamic Use of Exclusive Bus Lane at Isolated Intersections. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2019, 20, 642-653.	8.0	32
54	Two-Step Optimization Model for Dynamic Lane Assignment at Isolated Signalized Intersections. <i>Transportation Research Record</i> , 2013, 2355, 39-48.	1.9	31

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55	An extended car-following model with consideration of vehicle to vehicle communication of two conflicting streams. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 473, 178-187.	2.6	30
56	In Situ Programmable DNA Circuit-Promoted Electrochemical Characterization of Stemlike Phenotype in Breast Cancer. <i>Journal of the American Chemical Society</i> , 2021, 143, 16078-16086.	13.7	30
57	Probing $\langle H \rangle$ vibrational motions with high-order harmonic generation. <i>Physical Review A</i> , 2008, 78, .	2.5	29
58	Spatial coherence in high-order-harmonic generation from periodic solid structures. <i>Physical Review A</i> , 2017, 96, .	2.5	29
59	Interfacial peptide partitioning and undiminished antioxidative and emulsifying activity of oxidatively stressed soy protein hydrolysate in an O/W emulsion. <i>LWT - Food Science and Technology</i> , 2015, 61, 322-329.	5.2	28
60	Experimental study of enhancing heating performance of the air-source heat pump by using a novel heat recovery device designed for reusing the energy of the compressor shell. <i>Energy Conversion and Management</i> , 2017, 138, 38-44.	9.2	28
61	Localized Nanoscale Heating Leads to Ultrafast Hydrogel Volume-Phase Transition. <i>ACS Nano</i> , 2019, 13, 515-525.	14.6	28
62	Uncertainty Analysis of Weather Forecast Data for Cooling Load Forecasting Based on the Monte Carlo Method. <i>Energies</i> , 2018, 11, 1900.	3.1	27
63	Energy consumption comparison analysis of high energy efficiency office buildings in typical climate zones of China and U.S. based on correction model. <i>Energy</i> , 2014, 65, 221-232.	8.8	26
64	Study on the policy of replacing coal-fired boilers with gas-fired boilers for central heating based on the 3E system and the TOPSIS method: A case in Tianjin, China. <i>Energy</i> , 2019, 189, 116206.	8.8	26
65	Integrated signal optimization and non-traditional lane assignment for urban freeway off-ramp congestion mitigation. <i>Transportation Research Part C: Emerging Technologies</i> , 2016, 73, 219-238.	7.6	25
66	A single-layer approach for joint optimization of traffic signals and cooperative vehicle trajectories at isolated intersections. <i>Transportation Research Part C: Emerging Technologies</i> , 2022, 134, 103459.	7.6	25
67	Probing Fano resonances with ultrashort pulses. <i>New Journal of Physics</i> , 2012, 14, 065003.	2.9	24
68	Coomassie Brilliant Blue-binding: a simple and effective method for the determination of water-insoluble protein surface hydrophobicity. <i>Analytical Methods</i> , 2016, 8, 790-795.	2.7	24
69	Experimental study on water management improvement of proton exchange membrane fuel cells with dead-ended anode by periodically supplying fuel from anode outlet. <i>Journal of Power Sources</i> , 2019, 435, 226775.	7.8	23
70	Optimal Intersection Operation with Median U-Turn. <i>Transportation Research Record</i> , 2014, 2439, 71-82.	1.9	22
71	A network enhancement model with integrated lane reorganization and traffic control strategies. <i>Journal of Advanced Transportation</i> , 2016, 50, 1090-1110.	1.7	22
72	A target-responsive liposome activated by catalytic hairpin assembly enables highly sensitive detection of tuberculosis-related cytokine. <i>Chemical Communications</i> , 2018, 54, 4870-4873.	4.1	21

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73	IGRNet: A Deep Learning Model for Non-Invasive, Real-Time Diagnosis of Prediabetes through Electrocardiograms. <i>Sensors</i> , 2020, 20, 2556.	3.8	21
74	How Do Infant Feeding Apps in China Measure Up? A Content Quality Assessment. <i>JMIR MHealth and UHealth</i> , 2017, 5, e186.	3.7	21
75	Optimal operation of freeway weaving segment with combination of lane assignment and on-ramp signal control. <i>Transportmetrica A: Transport Science</i> , 2016, 12, 413-435.	2.0	20
76	Increasing the Capacity of the Intersection Downstream of the Freeway Off-Ramp Using Presignals. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2017, 32, 674-690.	9.8	20
77	Mechanoplastic tribotronic two-dimensional multibit nonvolatile optoelectronic memory. <i>Nano Energy</i> , 2021, 82, 105692.	16.0	20
78	A Review of Microbot's System: Towards System Integration for Autonomous Actuation In Vivo. <i>Micromachines</i> , 2021, 12, 1249.	2.9	20
79	Kinetic Study of the Inhibition Mechanism of Dehaloperoxidase-Hemoglobin A by 4-Bromophenol. <i>Journal of Physical Chemistry B</i> , 2013, 117, 8301-8309.	2.6	19
80	Role of rotational coherence in femtosecond-pulse-driven nitrogen ion lasing. <i>Physical Review Research</i> , 2020, 2, .	3.6	19
81	Distinct Enzyme-Substrate Interactions Revealed by Two Dimensional Kinetic Comparison between Dehaloperoxidase-Hemoglobin and Horseradish Peroxidase. <i>Journal of Physical Chemistry B</i> , 2015, 119, 12828-12837.	2.6	18
82	Analysis of saturation flow rate at tandem intersections using field data. <i>IET Intelligent Transport Systems</i> , 2018, 12, 394-403.	3.0	18
83	Drying performance analysis of a condensing tumbler clothes dryer with a unique water cooled heat exchanger. <i>Applied Thermal Engineering</i> , 2017, 113, 601-608.	6.0	17
84	Signal Timing Optimization for Transit Priority at Near-Saturated Intersections. <i>Journal of Advanced Transportation</i> , 2018, 2018, 1-14.	1.7	17
85	An extended car-following model with the consideration of the illegal pedestrian crossing. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 508, 650-661.	2.6	17
86	Pharmacological inhibition of LRRK2 cellular phosphorylation sites provides insight into LRRK2 biology. <i>Biochemical Society Transactions</i> , 2012, 40, 1158-1162.	3.4	16
87	Light-Responsive Polymer Particles as Force Clamps for the Mechanical Unfolding of Target Molecules. <i>Nano Letters</i> , 2018, 18, 2630-2636.	9.1	16
88	Optimization of Passive Envelop Energy Efficient Measures for Office Buildings in Different Climate Regions of China Based on Modified Sensitivity Analysis. <i>Sustainability</i> , 2018, 10, 907.	3.2	16
89	Red-light running behavior of delivery-service E-cyclists based on survival analysis. <i>Traffic Injury Prevention</i> , 2020, 21, 558-562.	1.4	16
90	A Baby Formula Designed for Chinese Babies: Content Analysis of Milk Formula Advertisements on Chinese Parenting Apps. <i>JMIR MHealth and UHealth</i> , 2019, 7, e14219.	3.7	16

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91	Correlation of Heme Binding Affinity and Enzyme Kinetics of Dehaloperoxidase. <i>Biochemistry</i> , 2014, 53, 6863-6877.	2.5	15
92	Measurement of Internal Substrate Binding in Dehaloperoxidase-Hemoglobin by Competition with the Heme-Fluoride Binding Equilibrium. <i>Journal of Physical Chemistry B</i> , 2015, 119, 2827-2838.	2.6	15
93	Offset angles of photocurrents generated in few-cycle circularly polarized laser fields. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 055602.	1.5	15
94	Revealing Molecular Strong Field Autoionization Dynamics. <i>Physical Review Letters</i> , 2021, 126, 103202.	7.8	15
95	L-Histidine improves solubility and emulsifying properties of soy proteins under various ionic strengths. <i>LWT - Food Science and Technology</i> , 2021, 152, 112382.	5.2	15
96	The Regulatory Implications of Hydroquinone for the Multifunctional Enzyme Dehaloperoxidase-Hemoglobin from <i>Amphitrite ornata</i> . <i>Journal of Physical Chemistry B</i> , 2013, 117, 14615-14624.	2.6	14
97	Protein-Level Integration Strategy of Multiengine MS Spectra Search Results for Higher Confidence and Sequence Coverage. <i>Journal of Proteome Research</i> , 2017, 16, 4446-4454.	3.7	14
98	Influence of sodium pyrophosphate on the physicochemical and gelling properties of myofibrillar proteins under hydroxyl radical-induced oxidative stress. <i>Food and Function</i> , 2020, 11, 1996-2004.	4.6	14
99	Skin-Inspired High-Performance Active-Matrix Circuitry for Multimodal User-Interaction. <i>Advanced Functional Materials</i> , 2021, 31, 2105480.	14.9	14
100	Ultraviolet supercontinuum generation driven by ionic coherence in a strong laser field. <i>Nature Communications</i> , 2022, 13, .	12.8	14
101	An extended car-following model at un-signalized intersections under V2V communication environment. <i>PLoS ONE</i> , 2018, 13, e0192787.	2.5	13
102	Capacity Estimation Model for Signalized Intersections under the Impact of Access Point. <i>PLoS ONE</i> , 2016, 11, e0145989.	2.5	13
103	Joint optimisation of regular and demand-responsive transit services. <i>Transportmetrica A: Transport Science</i> , 2023, 19, .	2.0	13
104	Optimization model for layout and signal design of full continuous flow intersections. <i>Transportation Letters</i> , 2016, 8, 194-204.	3.1	12
105	Application of Isothermal Nucleic Acid Signal Amplification in the Detection of Hepatocellular Carcinoma-Associated MicroRNA. <i>ChemPlusChem</i> , 2019, 84, 8-17.	2.8	12
106	Investigating gap acceptance behavior at two-way stop-controlled intersections in China. <i>Transportation Letters</i> , 2020, 12, 202-212.	3.1	12
107	Static headspace analysis of odorants in commercial rice proteins. <i>Food Chemistry</i> , 2017, 221, 345-350.	8.2	11
108	Vehicle yielding probability estimation model at unsignalized midblock crosswalks in Shanghai, China. <i>PLoS ONE</i> , 2019, 14, e0213876.	2.5	11

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109	Effect of lane allocation on operational efficiency at weaving areas based on a cellular automaton model. IET Intelligent Transport Systems, 2019, 13, 851-859.	3.0	11
110	Robust Signal Control of Exit Lanes for Left-Turn Intersections With the Consideration of Traffic Fluctuation. IEEE Access, 2020, 8, 42071-42081.	4.2	11
111	An Alternative Design for the Intersections With Limited Traffic Lanes and Queuing Space. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1473-1483.	8.0	11
112	Operational Efficiency Evaluation of Intersections with Dynamic Lane Assignment Using Field Data. Journal of Advanced Transportation, 2017, 2017, 1-13.	1.7	10
113	Vehicle Routing for Dynamic Road Network Based on Travel Time Reliability. IEEE Access, 2020, 8, 190596-190604.	4.2	10
114	Multi-regional building energy efficiency intelligent regulation strategy based on multi-objective optimization and model predictive control. Journal of Cleaner Production, 2022, 349, 131264.	9.3	10
115	Optimizing Vehicle and Pedestrian Trade-Off Using Signal Timing in Intersections with Center Transit Lanes. Journal of Transportation Engineering Part A: Systems, 2018, 144, .	1.4	9
116	The improvement on drying performance and energy efficiency of a tumbler clothes dryer with a novel electric heating element. Applied Thermal Engineering, 2018, 128, 531-538.	6.0	9
117	Role of Bloch oscillation in high-order harmonic generation from periodic structure*. Chinese Physics B, 2019, 28, 114205.	1.4	9
118	Multifaceted Stoichiometry Control of Bacterial Operons Revealed by Deep Proteome Quantification. Frontiers in Genetics, 2019, 10, 473.	2.3	9
119	A Study on Energy-Saving Technologies Optimization towards Nearly Zero Energy Educational Buildings in Four Major Climatic Regions of China. Energies, 2019, 12, 4734.	3.1	9
120	Acceleration of catalysis in dihydrofolate reductase by transient, site-specific photothermal excitation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	9
121	Mitigation of oxidation-induced loss of myofibrillar protein gelling potential by the combination of pyrophosphate and Lysine. LWT - Food Science and Technology, 2022, 157, 113068.	5.2	9
122	Dynamic Turning Restriction Management for Signalized Road Network. Transportation Research Record, 2015, 2487, 96-111.	1.9	8
123	Comparison of Laboratory-Developed and Commercial Monoclonal Antibody-Based Sandwich Enzyme-Linked Immunosorbent Assays for Almond (<i>Prunus dulcis</i>) Detection and Quantification. Journal of Food Science, 2017, 82, 2504-2515.	3.1	8
124	Recent Advances in Bio-Sensing Methods for the Detection of Tumor Exosomes. Critical Reviews in Analytical Chemistry, 2022, 52, 356-374.	3.5	8
125	Modeling and Simulation of Lane-Changing Management Strategies at On-Ramp and Off-Ramp Pair Areas Based on Cellular Automaton. IEEE Access, 2021, 9, 35034-35044.	4.2	8
126	Positioning of Bound Electron Wave Packets in Molecules Revealed by High-Harmonic Spectroscopy. Journal of Physical Chemistry A, 2012, 116, 2723-2727.	2.5	7

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127	Optimal Design of Midblock Crosswalk to Achieve Trade-Off between Vehicles and Pedestrians. Journal of Transportation Engineering Part A: Systems, 2017, 143, .	1.4	7
128	Improving the operational performance of two-quadrant parclo interchanges with median U-turn concept. Transportmetrica B, 2018, 6, 190-210.	2.3	7
129	Impact of Guideline Markings on Saturation Flow Rate at Signalized Intersections. Journal of Advanced Transportation, 2019, 2019, 1-13.	1.7	7
130	Enhancing co-translational folding of heterologous protein by deleting non-essential ribosomal proteins in <i>Pichia pastoris</i> . Biotechnology for Biofuels, 2019, 12, 38.	6.2	7
131	An alternative design for traffic intersections with work zones by using pre-signals. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2022, 26, 168-182.	4.2	7
132	Novel Design Method for Bus Approach Lanes with Bus Guidance and Priority Controls for Prioritizing Through and Left-Turn Buses. Journal of Advanced Transportation, 2019, 2019, 1-15.	1.7	6
133	An Influencing Parameters Analysis of District Heating Network Time Delays Based on the CFD Method. Energies, 2019, 12, 1297.	3.1	6
134	Multivariable flood risk and its dynamics considering project reasonable service life in a changing environment. Journal of Hydrology, 2020, 590, 125524.	5.4	6
135	A Fuzzy Control Strategy Using the Load Forecast for Air Conditioning System. Energies, 2020, 13, 530.	3.1	6
136	Proximity-constructed bifunctional DNA probes for identification of stem-like biomarker in breast cancer. Sensors and Actuators B: Chemical, 2021, 328, 129044.	7.8	6
137	Conditions for Setting Exclusive Pedestrian Phases at Two-Phase Signalized Intersections considering Pedestrian-Vehicle Interaction. Journal of Advanced Transportation, 2021, 2021, 1-14.	1.7	6
138	Modeling the Operation of Left-Turn Vehicles at Exit Lanes for Left-Turn Intersections. Journal of Transportation Engineering Part A: Systems, 2021, 147, .	1.4	6
139	Modeling Pedestrian Delays at Signalized Intersections as a Function of Crossing Directions and Moving Paths. Transportation Research Record, 2017, 2615, 95-104.	1.9	5
140	Dynamics of dehaloperoxidase-hemoglobin A derived from NMR relaxation spectroscopy and molecular dynamics simulation. Journal of Inorganic Biochemistry, 2018, 181, 65-73.	3.5	5
141	Analysis of alternative treatments for left turn bicycles at tandem intersections. Transportation Research, Part A: Policy and Practice, 2019, 126, 314-328.	4.2	5
142	Modelling the saturation flow rate for continuous flow intersections based on field collected data. PLoS ONE, 2020, 15, e0236922.	2.5	5
143	Dynamics of Rydberg states and terahertz waves generated in strong few-cycle laser pulses. Physical Review A, 2020, 102, .	2.5	5
144	Effect of ionization asymmetry on high harmonic generation from oriented CO in orthogonal two-color fields. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 144009.	1.5	5

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145	Modelling the operation of vehicles at signalised intersections with special width approach lane based on field data. IET Intelligent Transport Systems, 2020, 14, 1565-1572.	3.0	5
146	Mechanism and control of rotational coherence in femtosecond laser-driven N2+. Optics Express, 2020, 28, 22829.	3.4	5
147	High-harmonic and terahertz wave spectroscopy (HATS) for aligned molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 235601.	1.5	4
148	Localized-plasma-assisted rotational transitions in the terahertz region. Physical Review A, 2021, 103, .	2.5	4
149	Two-Step Optimization Model for Evaluating the Saturation Flow Rate under the Impact of Small-Sized Vehicles. Journal of Transportation Engineering Part A: Systems, 2022, 148, .	1.4	4
150	Three-Dimensional Tomographic Imaging of CO Molecular Orbitals Revealing Multi-Electron Effects. Journal of Physics B: Atomic, Molecular and Optical Physics, 0, , .	1.5	3
151	Research on the Indoor Thermal Environment of Attached Sunspace Passive Solar Heating System Based on Zero-State Response Control Strategy. Applied Sciences (Switzerland), 2022, 12, 855.	2.5	3
152	Local thermal comfort-based optimal design of attached sunspace with breathing window for farmhouses in North China. Building and Environment, 2022, 219, 109251.	6.9	3
153	Nitriteâ€Cured Color and Phosphateâ€CMediated Waterâ€CBinding of Pork Muscle Proteins as Affected by Calcium in the Curing Solution. Journal of Food Science, 2012, 77, C811-7.	3.1	2
154	Laser-induced ionic excitation in one-dimensional model $\{\{m\{H}\}\}_2$. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 234001.	1.5	2
155	Bindings of NO, CO, and O2 to multifunctional globin type dehaloperoxidase follow the â€Csliding scale ruleâ€™. Biochemical Journal, 2017, 474, 3485-3498.	3.7	2
156	Coherent control of atomic inner-shell x-ray lasing via perturbed valence-shell transitions. Physical Review A, 2021, 104, .	2.5	2
157	Optimal Trajectory Control for Left-Turn Vehicles at Exit Lane for Left-Turn Intersections. Journal of Transportation Engineering Part A: Systems, 2021, 147, .	1.4	2
158	Conditional Transit Signal Priority Optimization at Stop-to-Stop Segments to Improve BRT On-Time Performance. IEEE Access, 2022, 10, 33512-33526.	4.2	2
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