Jing Zhao

List of Publications by Year in descending order

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	Joint optimisation of regular and demand-responsive transit services. Transportmetrica A: Transport Science, 2023, 19, .	2.0	13
2	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
3	Recent Advances in Bio-Sensing Methods for the Detection of Tumor Exosomes. Critical Reviews in Analytical Chemistry, 2022, 52, 356-374.	3.5	8
4	A single-layer approach for joint optimization of traffic signals and cooperative vehicle trajectories at isolated intersections. Transportation Research Part C: Emerging Technologies, 2022, 134, 103459.	7.6	25
5	Mitigation of oxidation-induced loss of myofibrillar protein gelling potential by the combination of pyrophosphate and l-lysine. LWT - Food Science and Technology, 2022, 157, 113068.	5.2	9
6	Structural and rheological properties of mung bean protein emulsion as a liquid egg substitute: The effect of pH shifting and calcium. Food Hydrocolloids, 2022, 126, 107485.	10.7	39
7	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
8	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
9	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
10	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
11	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
12	Molecular Characterization of Exosomes for Subtype-Based Diagnosis of Breast Cancer. Journal of the American Chemical Society, 2022, 144, 13475-13486.	13.7	52
13	Ultraviolet supercontinuum generation driven by ionic coherence in a strong laser field. Nature Communications, 2022, 13, .	12.8	14
14	Time-scale dependent mechanism of atmospheric CO2 concentration drivers of watershed water-energy balance. Science of the Total Environment, 2021, 754, 142132.	8.0	1
15	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
16	Mechanoplastic tribotronic two-dimensional multibit nonvolatile optoelectronic memory. Nano Energy, 2021, 82, 105692.	16.0	20
17	Strong photoperiod sensitivity is controlled by cooperation and competition among Hd1, Ghd7 and DTH8 in rice heading. New Phytologist, 2021, 229, 1635-1649.	7.3	78
18	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

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19	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
20	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
21	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
22	Localized-plasma-assisted rotational transitions in the terahertz region. Physical Review A, 2021, 103, .	2.5	4
23	Revealing Molecular Strong Field Autoionization Dynamics. Physical Review Letters, 2021, 126, 103202.	7.8	15
24	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
25	Ultrafast Hole Deformation Revealed by Molecular Attosecond Interferometry. Ultrafast Science, 2021, 2021, .	11.2	36
26	Skinâ€Inspired Highâ€Performance Activeâ€Matrix Circuitry for Multimodal Userâ€Interaction. Advanced Functional Materials, 2021, 31, 2105480.	14.9	14
27	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
28	In Situ Programmable DNA Circuit-Promoted Electrochemical Characterization of Stemlike Phenotype in Breast Cancer. Journal of the American Chemical Society, 2021, 143, 16078-16086.	13.7	30
29	Coherent control of atomic inner-shell x-ray lasing via perturbed valence-shell transitions. Physical Review A, 2021, 104, .	2.5	2
30	Variational Beta Process Hidden Markov Models with Shared Hidden States for Trajectory Recognition. Entropy, 2021, 23, 1290.	2.2	0
31	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
32	l-Histidine improves solubility and emulsifying properties of soy proteins under various ionic strengths. LWT - Food Science and Technology, 2021, 152, 112382.	5.2	15
33	A Review of Microrobotâ€™s System: Towards System Integration for Autonomous Actuation In Vivo. Micromachines, 2021, 12, 1249.	2.9	20
34	An Unscented Kalman Filter-Based Method for Reconstructing Vehicle Trajectories at Signalized Intersections. Journal of Advanced Transportation, 2021, 2021, 1-12.	1.7	2
35	Investigating gap acceptance behavior at two-way stop-controlled intersections in China. Transportation Letters, 2020, 12, 202-212.	3.1	12
36	Modification of heat-induced whey protein gels by basic amino acids. Food Hydrocolloids, 2020, 100, 105397.	10.7	52

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37	Red-light running behavior of delivery-service E-cyclists based on survival analysis. Traffic Injury Prevention, 2020, 21, 558-562.	1.4	16
38	Modeling the interaction between vehicle yielding and pedestrian crossing behavior at unsignalized midblock crosswalks. Transportation Research Part F: Traffic Psychology and Behaviour, 2020, 73, 222-235.	3.7	42
39	Modelling the saturation flow rate for continuous flow intersections based on field collected data. PLoS ONE, 2020, 15, e0236922.	2.5	5
40	Dynamics of Rydberg states and terahertz waves generated in strong few-cycle laser pulses. Physical Review A, 2020, 102, .	2.5	5
41	Vehicle Routing for Dynamic Road Network Based on Travel Time Reliability. IEEE Access, 2020, 8, 190596-190604.	4.2	10
42	Multivariable flood risk and its dynamics considering project reasonable service life in a changing environment. Journal of Hydrology, 2020, 590, 125524.	5.4	6
43	IGRNet: A Deep Learning Model for Non-Invasive, Real-Time Diagnosis of Prediabetes through Electrocardiograms. Sensors, 2020, 20, 2556.	3.8	21
44	Two-dimensional vehicular movement modelling at intersections based on optimal control. Transportation Research Part B: Methodological, 2020, 138, 1-22.	5.9	95
45	Sub-cycle coherent control of ionic dynamics via transient ionization injection. Communications Physics, 2020, 3, .	5.3	35
46	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. Solar Energy, 2020, 206, 997-1017.	6.1	97
47	Mechanoplastic Tribotronic Floatingâ€Gate Neuromorphic Transistor. Advanced Functional Materials, 2020, 30, 2002506.	14.9	103
48	Growth Performance and Nutrient Composition of Mealworms (Tenebrio Molitor) Fed on Fresh Plant Materials-Supplemented Diets. Foods, 2020, 9, 151.	4.3	68
49	A Fuzzy Control Strategy Using the Load Forecast for Air Conditioning System. Energies, 2020, 13, 530.	3.1	6
50	Time-lagged response of vegetation dynamics to climatic and teleconnection factors. Catena, 2020, 189, 104474.	5.0	90
51	Influence of sodium pyrophosphate on the physicochemical and gelling properties of myofibrillar proteins under hydroxyl radical-induced oxidative stress. Food and Function, 2020, 11, 1996-2004.	4.6	14
52	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
53	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
54	Role of rotational coherence in femtosecond-pulse-driven nitrogen ion lasing. Physical Review Research, 2020, 2, .	3.6	19

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55	Mechanism and control of rotational coherence in femtosecond laser-driven N2+. Optics Express, 2020, 28, 22829.	3.4	5
56	Improving the Operational Efficiency of Buses With Dynamic Use of Exclusive Bus Lane at Isolated Intersections. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 642-653.	8.0	32
57	Copula-Based Abrupt Variations Detection in the Relationship of Seasonal Vegetation-Climate in the Jing River Basin, China. Remote Sensing, 2019, 11, 1628.	4.0	37
58	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
59	A hidden human proteome encoded by â€˜non-codingâ€™ genes. Nucleic Acids Research, 2019, 47, 8111-8125.	14.5	110
60	Translatomics: The Global View of Translation. International Journal of Molecular Sciences, 2019, 20, 212.	4.1	62
61	Role of Bloch oscillation in high-order harmonic generation from periodic structure*. Chinese Physics B, 2019, 28, 114205.	1.4	9
62	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
63	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. Energy, 2019, 189, 116206.	8.8	26
64	Experimental study on water management improvement of proton exchange membrane fuel cells with dead-ended anode by periodically supplying fuel from anode outlet. Journal of Power Sources, 2019, 435, 226775.	7.8	23
65	Physicochemical and functional properties of Î³-aminobutyric acid-treated soy proteins. Food Chemistry, 2019, 295, 267-273.	8.2	36
66	Experimental study on temperature characteristics of an air-cooled proton exchange membrane fuel cell stack. Renewable Energy, 2019, 143, 1067-1078.	8.9	43
67	Multifaceted Stoichiometry Control of Bacterial Operons Revealed by Deep Proteome Quantification. Frontiers in Genetics, 2019, 10, 473.	2.3	9
68	Impact of Guideline Markings on Saturation Flow Rate at Signalized Intersections. Journal of Advanced Transportation, 2019, 2019, 1-13.	1.7	7
69	An Influencing Parameters Analysis of District Heating Network Time Delays Based on the CFD Method. Energies, 2019, 12, 1297.	3.1	6
70	Self-Assembling Peptide-Based Multifunctional Nanofibers for Electrochemical Identification of Breast Cancer Stem-like Cells. Analytical Chemistry, 2019, 91, 7531-7537.	6.5	52
71	Influence of Î³-aminobutyric acid on gelling properties of heat-induced whey protein gels. Food Hydrocolloids, 2019, 94, 287-293.	10.7	44
72	Piezotronic Graphene Artificial Sensory Synapse. Advanced Functional Materials, 2019, 29, 1900959.	14.9	147

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73	Vehicle yielding probability estimation model at unsignalized midblock crosswalks in Shanghai, China. PLoS ONE, 2019, 14, e0213876.	2.5	11
74	Pedestrian Delay Model for Continuous Flow Intersections under Three Design Patterns. Mathematical Problems in Engineering, 2019, 2019, 1-12.	1.1	1
75	Enhancing co-translational folding of heterologous protein by deleting non-essential ribosomal proteins in Pichia pastoris. Biotechnology for Biofuels, 2019, 12, 38.	6.2	7
76	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
77	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
78	Application of Isothermal Nucleic Acid Signal Amplification in the Detection of Hepatocellular Carcinomaâ€Associated MicroRNA. ChemPlusChem, 2019, 84, 8-17.	2.8	12
79	Localized Nanoscale Heating Leads to Ultrafast Hydrogel Volume-Phase Transition. ACS Nano, 2019, 13, 515-525.	14.6	28
80	Integration of fluorescence imaging and electrochemical biosensing for both qualitative location and quantitative detection of cancer cells. Biosensors and Bioelectronics, 2019, 130, 132-138.	10.1	59
81	Willingness to consume insect-containing foods: A survey in the United States. LWT - Food Science and Technology, 2019, 102, 100-105.	5.2	101
82	A Baby Formula Designed for Chinese Babies: Content Analysis of Milk Formula Advertisements on Chinese Parenting Apps. JMIR MHealth and UHealth, 2019, 7, e14219.	3.7	16
83	A target-responsive liposome activated by catalytic hairpin assembly enables highly sensitive detection of tuberculosis-related cytokine. Chemical Communications, 2018, 54, 4870-4873.	4.1	21
84	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
85	A Dual-Enzyme-Assisted Three-Dimensional DNA Walking Machine Using T4 Polynucleotide Kinase as Activators and Application in Polynucleotide Kinase Assays. Analytical Chemistry, 2018, 90, 2810-2815.	6.5	73
86	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
87	Light-Responsive Polymer Particles as Force Clamps for the Mechanical Unfolding of Target Molecules. Nano Letters, 2018, 18, 2630-2636.	9.1	16
88	Improving the operational performance of two-quadrant parclo interchanges with median U-turn concept. Transportmetrica B, 2018, 6, 190-210.	2.3	7
89	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
90	Chemically stimulated luminescence from food proteins. Cereal Chemistry, 2018, 95, 881-888.	2.2	0

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91	Signal Timing Optimization for Transit Priority at Near-Saturated Intersections. Journal of Advanced Transportation, 2018, 2018, 1-14.	1.7	17
92	Dynamic behavior study on voltage and temperature of proton exchange membrane fuel cells. Applied Thermal Engineering, 2018, 145, 343-351.	6.0	48
93	Uncertainty Analysis of Weather Forecast Data for Cooling Load Forecasting Based on the Monte Carlo Method. Energies, 2018, 11, 1900.	3.1	27
94	Analysis of saturation flow rate at tandem intersections using field data. IET Intelligent Transport Systems, 2018, 12, 394-403.	3.0	18
95	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. Food Chemistry, 2018, 268, 334-341.	8.2	216
96	Experimental study on the purge process of a proton exchange membrane fuel cell stack with a dead-end anode. Applied Thermal Engineering, 2018, 142, 203-214.	6.0	32
97	Micromotor Pills as a Dynamic Oral Delivery Platform. ACS Nano, 2018, 12, 8397-8405.	14.6	104
98	Optimization of Passive Envelop Energy Efficient Measures for Office Buildings in Different Climate Regions of China Based on Modified Sensitivity Analysis. Sustainability, 2018, 10, 907.	3.2	16
99	A hybrid method of dynamic cooling and heating load forecasting for office buildings based on artificial intelligence and regression analysis. Energy and Buildings, 2018, 174, 293-308.	6.7	98
100	Experimental investigation of the thermal response of open-cathode proton exchange membrane fuel cell stack. International Journal of Hydrogen Energy, 2018, 43, 13489-13500.	7.1	38
101	Surface Functionalization of Polymeric Nanoparticles with Umbilical Cord-Derived Mesenchymal Stem Cell Membrane for Tumor-Targeted Therapy. ACS Applied Materials & Interfaces, 2018, 10, 22963-22973.	8.0	110
102	An extended car-following model with the consideration of the illegal pedestrian crossing. Physica A: Statistical Mechanics and Its Applications, 2018, 508, 650-661.	2.6	17
103	An extended car-following model at un-signalized intersections under V2V communication environment. PLoS ONE, 2018, 13, e0192787.	2.5	13
104	Offset angles of photocurrents generated in few-cycle circularly polarized laser fields. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 055602.	1.5	15
105	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
106	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. Energy Conversion and Management, 2017, 138, 38-44.	9.2	28
107	Impact of in-vehicle navigation information on lane-change behavior in urban expressway diverge segments. Accident Analysis and Prevention, 2017, 106, 53-66.	5.7	50
108	Safety evaluation of intersections with dynamic use of exit-lanes for left-turn using field data. Accident Analysis and Prevention, 2017, 102, 31-40.	5.7	40

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109	An extended car-following model with consideration of vehicle to vehicle communication of two conflicting streams. Physica A: Statistical Mechanics and Its Applications, 2017, 473, 178-187.	2.6	30
110	Protein-Level Integration Strategy of Multiengine MS Spectra Search Results for Higher Confidence and Sequence Coverage. Journal of Proteome Research, 2017, 16, 4446-4454.	3.7	14
111	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
112	Bindings of NO, CO, and O2 to multifunctional globin type dehaloperoxidase follow the â€˜sliding scale ruleâ€™. Biochemical Journal, 2017, 474, 3485-3498.	3.7	2
113	Comparison of Laboratoryâ€Developed and Commercial Monoclonal Antibodyâ€Based Sandwich Enzymeâ€Linked Immunosorbent Assays for Almond (Prunus dulcis) Detection and Quantification. Journal of Food Science, 2017, 82, 2504-2515.	3.1	8
114	Increasing the Capacity of the Intersection Downstream of the Freeway Offâ€Ramp Using Presignals. Computer-Aided Civil and Infrastructure Engineering, 2017, 32, 674-690.	9.8	20
115	Spatial coherence in high-order-harmonic generation from periodic solid structures. Physical Review A, 2017, 96, .	2.5	29
116	Static headspace analysis of odorants in commercial rice proteins. Food Chemistry, 2017, 221, 345-350.	8.2	11
117	Drying performance analysis of a condensing tumbler clothes dryer with a unique water cooled heat exchanger. Applied Thermal Engineering, 2017, 113, 601-608.	6.0	17
118	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
119	Operational Efficiency Evaluation of Intersections with Dynamic Lane Assignment Using Field Data. Journal of Advanced Transportation, 2017, 2017, 1-13.	1.7	10
120	How Do Infant Feeding Apps in China Measure Up? A Content Quality Assessment. JMIR MHealth and UHealth, 2017, 5, e186.	3.7	21
121	Increasing Signalized Intersection Capacity with Unconventional Use of Special Width Approach Lanes. Computer-Aided Civil and Infrastructure Engineering, 2016, 31, 794-810.	9.8	34
122	A network enhancement model with integrated lane reorganization and traffic control strategies. Journal of Advanced Transportation, 2016, 50, 1090-1110.	1.7	22
123	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
124	An extended car-following model with consideration of speed guidance at intersections. Physica A: Statistical Mechanics and Its Applications, 2016, 461, 1-8.	2.6	43
125	Integrated signal optimization and non-traditional lane assignment for urban freeway off-ramp congestion mitigation. Transportation Research Part C: Emerging Technologies, 2016, 73, 219-238.	7.6	25
126	Optimization model for layout and signal design of full continuous flow intersections. Transportation Letters, 2016, 8, 194-204.	3.1	12

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127	Optimal operation of freeway weaving segment with combination of lane assignment and on-ramp signal control. Transportmetrica A: Transport Science, 2016, 12, 413-435.	2.0	20
128	Coomassie Brilliant Blue-binding: a simple and effective method for the determination of water-insoluble protein surface hydrophobicity. Analytical Methods, 2016, 8, 790-795.	2.7	24
129	Capacity Estimation Model for Signalized Intersections under the Impact of Access Point. PLoS ONE, 2016, 11, e0145989.	2.5	13
130	Can Mobile Phone Apps Influence Peopleâ€™s Health Behavior Change? An Evidence Review. Journal of Medical Internet Research, 2016, 18, e287.	4.3	508
131	Joint Measurements of Terahertz Wave Generation and High-Harmonic Generation from Aligned Nitrogen Molecules Reveal Angle-Resolved Molecular Structures. Physical Review Letters, 2015, 115, 123002.	7.8	35
132	Genetic interactions between diverged alleles of Early heading date 1 (Ehd1) and Heading date 3a (Hd3a)/ RICE <scp>FLOWERING LOCUS</scp> T1 (<scp>RFT</scp>1) control differential heading and contribute to regional adaptation in rice (Oryza sativa). New Phytologist, 2015, 208, 936-948.	7.3	102
133	Optimal operation of displaced left-turn intersections: A lane-based approach. Transportation Research Part C: Emerging Technologies, 2015, 61, 29-48.	7.6	53
134	Dynamic Turning Restriction Management for Signalized Road Network. Transportation Research Record, 2015, 2487, 96-111.	1.9	8
135	Operation of signalized diamond interchanges with frontage roads using dynamic reversible lane control. Transportation Research Part C: Emerging Technologies, 2015, 51, 196-209.	7.6	32
136	Measurement of Internal Substrate Binding in Dehaloperoxidaseâ€“Hemoglobin by Competition with the Hemeâ€“Fluoride Binding Equilibrium. Journal of Physical Chemistry B, 2015, 119, 2827-2838.	2.6	15
137	Interfacial peptide partitioning and undiminished antioxidative and emulsifying activity of oxidatively stressed soy protein hydrolysate in an O/W emulsion. LWT - Food Science and Technology, 2015, 61, 322-329.	5.2	28
138	Driving simulator evaluation of driversâ€™ response to intersections with dynamic use of exit-lanes for left-turn. Accident Analysis and Prevention, 2015, 81, 107-119.	5.7	41
139	LRRK2 dephosphorylation increases its ubiquitination. Biochemical Journal, 2015, 469, 107-120.	3.7	64
140	Distinct Enzymeâ€“Substrate Interactions Revealed by Two Dimensional Kinetic Comparison between Dehaloperoxidase-Hemoglobin and Horseradish Peroxidase. Journal of Physical Chemistry B, 2015, 119, 12828-12837.	2.6	18
141	Optimal Intersection Operation with Median U-Turn. Transportation Research Record, 2014, 2439, 71-82.	1.9	22
142	Integrated design and operation of urban arterials with reversible lanes. Transportmetrica B, 2014, 2, 130-150.	2.3	35
143	Energy consumption comparison analysis of high energy efficiency office buildings in typical climate zones of China and U.S. based on correction model. Energy, 2014, 65, 221-232.	8.8	26
144	Correlation of Heme Binding Affinity and Enzyme Kinetics of Dehaloperoxidase. Biochemistry, 2014, 53, 6863-6877.	2.5	15

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145	Peroxygenase and Oxidase Activities of Dehaloperoxidase-Hemoglobin from Amphitrite ornata. Journal of the American Chemical Society, 2014, 136, 7914-7925.	13.7	41
146	Determination of Ionization and Tunneling Times in High-Order Harmonic Generation. Physical Review Letters, 2013, 111, 043901.	7.8	68
147	Two-Step Optimization Model for Dynamic Lane Assignment at Isolated Signalized Intersections. Transportation Research Record, 2013, 2355, 39-48.	1.9	31
148	Increasing the Capacity of Signalized Intersections with Dynamic Use of Exit Lanes for Left-Turn Traffic. Transportation Research Record, 2013, 2355, 49-59.	1.9	64
149	Changes in Structural Characteristics of Antioxidative Soy Protein Hydrolysates Resulting from Scavenging of Hydroxyl Radicals. Journal of Food Science, 2013, 78, C152-9.	3.1	65
150	Structural and Kinetic Study of an Internal Substrate Binding Site in Dehaloperoxidase-Hemoglobin A from Amphitrite ornata. Biochemistry, 2013, 52, 2427-2439.	2.5	32
151	Kinetic Study of the Inhibition Mechanism of Dehaloperoxidase-Hemoglobin A by 4-Bromophenol. Journal of Physical Chemistry B, 2013, 117, 8301-8309.	2.6	19
152	The Regulatory Implications of Hydroquinone for the Multifunctional Enzyme Dehaloperoxidase-Hemoglobin from Amphitrite ornata. Journal of Physical Chemistry B, 2013, 117, 14615-14624.	2.6	14
153	Identification of protein phosphatase 1 as a regulator of the LRRK2 phosphorylation cycle. Biochemical Journal, 2013, 456, 119-128.	3.7	88
154	Probing Fano resonances with ultrashort pulses. New Journal of Physics, 2012, 14, 065003.	2.9	24
155	Pharmacological inhibition of LRRK2 cellular phosphorylation sites provides insight into LRRK2 biology. Biochemical Society Transactions, 2012, 40, 1158-1162.	3.4	16
156	Ultra-sensitive strain sensors based on piezoresistive nanographene films. Applied Physics Letters, 2012, 101, 063112.	3.3	270
157	Mass Spectrometric Evidence of Malonaldehyde and 4-Hydroxynonenal Adductions to Radical-Scavenging Soy Peptides. Journal of Agricultural and Food Chemistry, 2012, 60, 9727-9736.	5.2	60
158	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
159	Screening for Novel LRRK2 Inhibitors Using a High-Throughput TR-FRET Cellular Assay for LRRK2 Ser935 Phosphorylation. PLoS ONE, 2012, 7, e43580.	2.5	36
160	Phosphorylation of LRRK2 serines 955 and 973 is disrupted by Parkinsonâ€™s disease mutations and LRRK2 pharmacological inhibition. Journal of Neurochemistry, 2012, 120, 37-45.	3.9	84
161	Nitriteâ€Cured Color and Phosphateâ€Mediated Water Binding of Pork Muscle Proteins as Affected by Calcium in the Curing Solution. Journal of Food Science, 2012, 77, C811-7.	3.1	2
162	Probing<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">H</mml:mi><mml:mn>2</mml:mn><mml:none /><mml:none /><mml:mo>+</mml:mo></mml:mmultiscripts></mml:math>vibrational motions with high-order harmonic generation. Physical Review A, 2008, 78, .	2.5	29

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163	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