

# Feng Chen

## List of Publications by Year in descending order

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121  
papers

3,754  
citations

126907

33  
h-index

144013

57  
g-index

122  
all docs

122  
docs citations

122  
times ranked

4962  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Biotemplated fabrication of hierarchically porous NiO/C composite from lotus pollen grains for lithium-ion batteries. <i>Journal of Materials Chemistry</i> , 2012, 22, 9209.  | 6.7  | 232       |
| 2  | A Highly Elastic and Reversibly Stretchable All-Polymer Supercapacitor. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15707-15711.  | 13.8 | 181       |
| 3  | Analysis of hourly crash likelihood using unbalanced panel data mixed logit model and real-time driving environmental big data. <i>Journal of Safety Research</i> , 2018, 65, 153-159.   | 3.6  | 178       |
| 4  | Mixed logit model-based driver injury severity investigations in single- and multi-vehicle crashes on rural two-lane highways. <i>Accident Analysis and Prevention</i> , 2014, 72, 105-115.  | 5.7  | 169       |
| 5  | Functional exosome-mimic for delivery of siRNA to cancer: in vitro and in vivo evaluation. <i>Journal of Controlled Release</i> , 2016, 243, 160-171.  | 9.9  | 152       |
| 6  | Investigation on the Injury Severity of Drivers in Rear-End Collisions Between Cars Using a Random Parameters Bivariate Ordered Probit Model. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2632. | 2.6  | 131       |
| 7  | Self-assembly of NiO nanoparticles in lignin-derived mesoporous carbons for supercapacitor applications. <i>Green Chemistry</i> , 2013, 15, 3057.  | 9.0  | 118       |
| 8  | Physical properties of lignin-based polypropylene blends. <i>Polymer Composites</i> , 2011, 32, 1019-1025.   | 4.6  | 106       |
| 9  | General Principle for Fabricating Natural Globular Protein-Based Double-Network Hydrogels with Integrated Highly Mechanical Properties and Surface Adhesion on Solid Surfaces. <i>Chemistry of Materials</i> , 2019, 31, 179-189.        | 6.7  | 102       |
| 10 | 3D nanochannel electroporation for high-throughput cell transfection with high uniformity and dosage control. <i>Nanoscale</i> , 2016, 8, 243-252.   | 5.6  | 88        |
| 11 | General Strategy To Fabricate Strong and Tough Low-Molecular-Weight Gelator-Based Supramolecular Hydrogels with Double Network Structure. <i>Chemistry of Materials</i> , 2018, 30, 1743-1754.   | 6.7  | 82        |
| 12 | Multivariate space-time modeling of crash frequencies by injury severity levels. <i>Analytic Methods in Accident Research</i> , 2017, 15, 29-40.   | 8.2  | 81        |
| 13 | Dual-stimulus bilayer hydrogel actuators with rapid, reversible, bidirectional bending behaviors. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4970-4980.  | 5.5  | 76        |
| 14 | Assess the impacts of different autonomous trucks' lateral control modes on asphalt pavement performance. <i>Transportation Research Part C: Emerging Technologies</i> , 2019, 103, 17-29.   | 7.6  | 76        |
| 15 | Conductive regenerated silk-fibroin-based hydrogels with integrated high mechanical performances. <i>Journal of Materials Chemistry B</i> , 2019, 7, 1708-1715.  | 5.8  | 68        |
| 16 | Investigating the Differences of Single-Vehicle and Multivehicle Accident Probability Using Mixed Logit Model. <i>Journal of Advanced Transportation</i> , 2018, 2018, 1-9.  | 1.7  | 67        |
| 17 | Examining the safety of trucks under crosswind at bridge-tunnel section: A driving simulator study. <i>Tunnelling and Underground Space Technology</i> , 2019, 92, 103034.   | 6.2  | 64        |
| 18 | Investigating the Impacts of Real-Time Weather Conditions on Freeway Crash Severity: A Bayesian Spatial Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2768.                             | 2.6  | 60        |

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|----|---|------|-----------|
| 19 | Fuel Economy in Truck Platooning: A Literature Overview and Directions for Future Research. <i>Journal of Advanced Transportation</i> , 2020, 2020, 1-10.   | 1.7  | 57        |
| 20 | Visible light responsive sulfated rare earth doped TiO <sub>2</sub> @fumed SiO <sub>2</sub> composites with mesoporosity: Enhanced photocatalytic activity for methyl orange degradation. <i>Journal of Hazardous Materials</i> , 2014, 267, 88-97. | 12.4 | 52        |
| 21 | The energy dissipation and Mullins effect of tough polymer/graphene oxide hybrid nanocomposite hydrogels. <i>Polymer Chemistry</i> , 2017, 8, 4659-4672.  | 3.9  | 52        |
| 22 | Analysis of safety factors for urban expressways considering the effect of congestion in Shanghai, China. <i>Accident Analysis and Prevention</i> , 2016, 95, 503-511.  | 5.7  | 48        |
| 23 | Crash Frequency Modeling Using Real-Time Environmental and Traffic Data and Unbalanced Panel Data Models. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 609.   | 2.6  | 46        |
| 24 | Semicroystalline Hydrophobically Associated Hydrogels with Integrated High Performances. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 2946-2956.   | 8.0  | 45        |
| 25 | Self-assembly between graphene sheets and cationic poly(methyl methacrylate) (PMMA) particles: preparation and characterization of PMMA/graphene composites. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.                                 | 1.9  | 42        |
| 26 | A Highly Elastic and Reversibly Stretchable All-Polymer Supercapacitor. <i>Angewandte Chemie</i> , 2019, 131, 15854-15858.  | 2.0  | 42        |
| 27 | Polyelectrolyte/mesoporous silica hybrid materials for the high performance multiple-detection of pH value and temperature. <i>Polymer Chemistry</i> , 2015, 6, 3529-3536.  | 3.9  | 39        |
| 28 | Synthetic Melanin E-Ink. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 16553-16560.  | 8.0  | 39        |
| 29 | Morphological Structure, Rheological Behavior, Mechanical Properties and Sound Insulation Performance of Thermoplastic Rubber Composites Reinforced by Different Inorganic Fillers. <i>Polymers</i> , 2018, 10, 276.                                | 4.5  | 37        |
| 30 | Using the visual intervention influence of pavement markings for rutting mitigation—part I: preliminary experiments and field tests. <i>International Journal of Pavement Engineering</i> , 2019, 20, 734-746.                                      | 4.4  | 37        |
| 31 | A lateral control scheme of autonomous vehicles considering pavement sustainability. <i>Journal of Cleaner Production</i> , 2020, 256, 120669.  | 9.3  | 37        |
| 32 | Refined-scale panel data crash rate analysis using random-effects tobit model. <i>Accident Analysis and Prevention</i> , 2014, 73, 323-332.   | 5.7  | 36        |
| 33 | Examining the influence of decorated sidewall in road tunnels using fMRI technology. <i>Tunnelling and Underground Space Technology</i> , 2020, 99, 103362.   | 6.2  | 36        |
| 34 | Salt-Responsive “Killing and Release” Antibacterial Surfaces of Mixed Polymer Brushes. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 8938-8945.  | 3.7  | 36        |
| 35 | A facile approach to fabricate load-bearing porous polymer scaffolds for bone tissue engineering. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 1376-1384.   | 21.1 | 34        |
| 36 | Modeling Crash Rates for a Mountainous Highway by Using Refined-Scale Panel Data. <i>Transportation Research Record</i> , 2015, 2515, 10-16.  | 1.9  | 33        |

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|----|--|-----|-----------|
| 37 | Mechanical and thermal properties of attapulgite clay reinforced polymethylmethacrylate nanocomposites. <i>Polymers for Advanced Technologies</i> , 2011, 22, 1912-1918.   | 3.2 | 32        |
| 38 | Extrusion Foaming of Lightweight Polystyrene Composite Foams with Controllable Cellular Structure for Sound Absorption Application. <i>Polymers</i> , 2019, 11, 106.   | 4.5 | 32        |
| 39 | Using the visual intervention influence of pavement marking for rutting mitigation " Part II: visual intervention timing based on the finite element simulation. <i>International Journal of Pavement Engineering</i> , 2019, 20, 573-584.         | 4.4 | 32        |
| 40 | A Random Parameters Ordered Probit Analysis of Injury Severity in Truck Involved Rear-End Collisions. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 395.  | 2.6 | 32        |
| 41 | One-Pot and One-Step Fabrication of Salt-Responsive Bilayer Hydrogels with 2D and 3D Shape Transformations. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 25417-25426.   | 8.0 | 31        |
| 42 | Conductive thermoplastic polyurethane nanocomposite foams derived from a cellulose/MWCNTs aerogel framework: simultaneous enhancement of piezoresistance, strength, and endurance. <i>Journal of Materials Chemistry C</i> , 2021, 9, 13103-13114. | 5.5 | 30        |
| 43 | Bio-inspired polyelectrolyte complex/graphene oxide nanocomposite membranes with enhanced tensile strength and ultra-low gas permeability. <i>Polymer Chemistry</i> , 2013, 4, 4298.   | 3.9 | 27        |
| 44 | Framework of simulation-based vehicle safety performance assessment of highway system under hazardous driving conditions. <i>Transportation Research Part C: Emerging Technologies</i> , 2019, 105, 23-36.   | 7.6 | 26        |
| 45 | Nanoclay Reinforced Self-Cross-Linking Poly(N-hydroxyethyl Acrylamide) Hydrogels with Integrated High Performances. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1800295.  | 3.6 | 25        |
| 46 | Effect of nanoporous structure and polymer brushes on the ionic conductivity of poly(methacrylic) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50  | 3.6 | 24        |
| 47 | Correlated Random-Effects Bivariate Poisson Lognormal Model to Study Single-Vehicle and Multivehicle Crashes. <i>Journal of Transportation Engineering</i> , 2016, 142, .  | 0.9 | 23        |
| 48 | Preparation and characterization of polystyrene (PS)/layered double hydroxides (LDHs) composite by a heterocoagulation method. <i>Colloid and Polymer Science</i> , 2010, 288, 761-767.  | 2.1 | 22        |
| 49 | Aqueous lubrication of poly(N-hydroxyethyl acrylamide) brushes: a strategy for their enhanced load bearing capacity and wear resistance. <i>RSC Advances</i> , 2016, 6, 21961-21968.   | 3.6 | 22        |
| 50 | Controlled shape deformation of bilayer films with tough adhesion between nanocomposite hydrogels and polymer substrates. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6629-6636.  | 5.8 | 22        |
| 51 | Long-term stability and salt-responsive behavior of polyzwitterionic brushes with cross-linked structure. <i>Progress in Organic Coatings</i> , 2019, 134, 153-161.  | 3.9 | 22        |
| 52 | Low temperature self-healing character of asphalt mixtures under different fatigue damage degrees. <i>Construction and Building Materials</i> , 2019, 223, 870-882.  | 7.2 | 21        |
| 53 | Adjustable and ultrafast light-cured hyaluronic acid hydrogel: promoting biocompatibility and cell growth. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5441-5450.   | 5.8 | 20        |
| 54 | Enhanced strength and foamability of high-density polyethylene prepared by pressure-induced flow and low-temperature crosslinking. <i>RSC Advances</i> , 2016, 6, 34422-34427.   | 3.6 | 18        |

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|----|---|------|-----------|
| 55 | Salt- and thermo-responsive polyzwitterionic brush prepared via surface-initiated photoiniferter-mediated polymerization. <i>Applied Surface Science</i> , 2018, 450, 130-137.  | 6.1  | 18        |
| 56 | Polyamide 6 modified polypropylene with remarkably enhanced mechanical performance, thermal properties, and foaming ability <i>via</i> pressureâ€inducedâ€flow processing approach. <i>Advances in Polymer Technology</i> , 2018, 37, 2721-2729.  | 1.7  | 18        |
| 57 | Low-level wind effects on the glide paths of the North Runway of HKIA: A wind tunnel study. <i>Building and Environment</i> , 2019, 164, 106337.  | 6.9  | 17        |
| 58 | Directly photopatterning of polycaprolactone-derived photocured resin by UV-initiated thiol-ene â€œclickâ€ reaction: Enhanced mechanical property and excellent biocompatibility. <i>Chemical Engineering Journal</i> , 2019, 366, 112-122.       | 12.7 | 17        |
| 59 | Wind tunnel testing of the effect of terrain on the wind characteristics of airport glide paths. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2020, 203, 104253.  | 3.9  | 17        |
| 60 | GO@Polyaniline Nanorod Array Hierarchical Structure: A Photothermal Agent with High Photothermal Conversion Efficiency for Fast Near-Infrared Responsive Hydrogels. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 3893-3901. | 3.7  | 16        |
| 61 | Improved crystallizability and processability of ultra high molecular weight polyethylene modified by poly(amido amine) dendrimers. <i>Polymer Engineering and Science</i> , 2017, 57, 153-160.   | 3.1  | 15        |
| 62 | Natural protein-based hydrogels with high strength and rapid self-recovery. <i>International Journal of Biological Macromolecules</i> , 2019, 141, 108-116.   | 7.5  | 15        |
| 63 | Preparation of polystyrene/graphene oxide composites and their supercritical carbon dioxide foaming. <i>Journal of Polymer Research</i> , 2013, 20, 1.  | 2.4  | 14        |
| 64 | Mesoporous silica particles grafted with polystyrene brushes as a nucleation agent for polystyrene supercritical carbon dioxide foaming. <i>Journal of Applied Polymer Science</i> , 2013, 130, 4308-4317.  | 2.6  | 14        |
| 65 | Empirical Analysis of Crash Injury Severity on Mountainous and Nonmountainous Interstate Highways. <i>Traffic Injury Prevention</i> , 2015, 16, 715-723.  | 1.4  | 14        |
| 66 | Crash Frequency Analysis Using Hurdle Models with Random Effects Considering Short-Term Panel Data. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 1043.  | 2.6  | 14        |
| 67 | Vibration-induced aggregate segregation in asphalt mixtures. <i>Materials and Structures/Materiaux Et Constructions</i> , 2020, 53, 1.  | 3.1  | 14        |
| 68 | Electromagnetic and mechanical properties of soft magnetic cement composite for airport runway induction heating: Experimental and simulation analyses. <i>Journal of Cleaner Production</i> , 2022, 332, 130141.                                 | 9.3  | 14        |
| 69 | Decolorization of rhodamine B using hydrogen peroxide and H<sub>3</sub>PW<sub>12</sub>O<sub>40</sub>@C photocatalyst synthesized <i>in situ</i> under ultraviolet irradiation. <i>Desalination and Water Treatment</i> , 2015, 53, 2970-2979.     | 1.0  | 13        |
| 70 | Graphene oxide functionalized by poly(ionic liquid)s for carbon dioxide capture. <i>Journal of Applied Polymer Science</i> , 2017, 134, .   | 2.6  | 13        |
| 71 | Electric Assisted Salt-Responsive Bacterial Killing and Release of Polyzwitterionic Brushes in Low-Concentration Salt Solution. <i>Langmuir</i> , 2019, 35, 8285-8293.  | 3.5  | 13        |
| 72 | Enhanced sound insulation and mechanical properties based on inorganic fillers/thermoplastic elastomer composites. <i>Journal of Thermoplastic Composite Materials</i> , 2019, 32, 936-950.   | 4.2  | 13        |

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|----|--|-----|-----------|
| 73 | Synthesis and characterization of "comb-like" poly(ionic liquid-co-styrene): expected applications in graphene dispersion and CO <sub>2</sub> separation. <i>RSC Advances</i> , 2015, 5, 32853-32861.  | 3.6 | 12        |
| 74 | Research on Design Pattern of City Tunnel Side Wall Based on the Driver Visual Effect. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 689-701.   | 0.6 | 12        |
| 75 | Recent advances in biofluid detection with micro/nanostructured bioelectronic devices. <i>Nanoscale</i> , 2021, 13, 3436-3453.   | 5.6 | 12        |
| 76 | Bioinspired pH-Sensitive Surface on Bioinert Substrate. <i>ACS Applied Bio Materials</i> , 2018, 1, 2167-2175.   | 4.6 | 11        |
| 77 | Research on Driver Physiological Load at the Lowest Point of City River-crossing Tunnels. <i>Transportation Research Procedia</i> , 2017, 25, 1494-1502.   | 1.5 | 10        |
| 78 | Short-term forecasting of emerging on-demand ride services. , 2017, , .  |     | 10        |
| 79 | Hotspot Identification for Shanghai Expressways Using the Quantitative Risk Assessment Method. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 20.  | 2.6 | 10        |
| 80 | Effect of operating parameters on CO <sub>2</sub> capture from biogas with choline chloride" monoethanolamine deep eutectic solvent and its aqueous solution. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 283-297.                                   | 4.6 | 10        |
| 81 | Graphite oxide platelets functionalized by poly(ionic liquid) brushes and their chemical reduction. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.   | 1.9 | 9         |
| 82 | "Janus-Featured" Hydrogel with Antifouling and Bacteria-Releasing Properties. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 17792-17801.  | 3.7 | 9         |
| 83 | Impacts of Carbonaceous Particulates on Extrudate Semicrystalline Polyethylene Terephthalate Foams: Nonisothermal Crystallization, Rheology, and Infrared Attenuation Studies. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 15586-15597. | 3.7 | 9         |
| 84 | GO@Fe <sub>3</sub> O <sub>4</sub> @CuSilicate Composite with a Hierarchical Structure: Fabrication, Microstructure, and Highly Electromagnetic Shielding Performance. <i>ACS Omega</i> , 2020, 5, 7940-7949.   | 3.5 | 9         |
| 85 | Controlled Synthesis of Polyelectrolytes by 4-Cyanopentanoic Acid Dithiobenzoate Mediated RAFT Polymerization. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2013, 50, 1002-1006.  | 2.2 | 8         |
| 86 | GO@CuSilicate nano-needle arrays hierarchical structure: a new route to prepare high optical transparent, excellent self-cleaning and anticorrosion superhydrophobic surface. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.                           | 1.9 | 7         |
| 87 | Analyzing the Injury Severity Sustained by Non-Motorists at Mid-Blocks considering Non-Motorists"™ Pre-Crash Behavior. <i>Transportation Research Record</i> , 2018, 2672, 138-148.  | 1.9 | 7         |
| 88 | Synthesis and characterization of a novel ruthenium(II) trisbipyridine complex magnetic nanocomposite for the selective oxidation of phenols. <i>RSC Advances</i> , 2019, 9, 28078-28088.  | 3.6 | 7         |
| 89 | Pressure-induced flow processing behind the superior mechanical properties and heat-resistance performance of poly(butylene succinate). <i>E-Polymers</i> , 2022, 22, 156-164.   | 3.0 | 7         |
| 90 | Ionic liquid" modified graphene/poly(vinyl alcohol) composite with enhanced properties. <i>Journal of Applied Polymer Science</i> , 2017, 134, .   | 2.6 | 6         |

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|-----|---|-----|-----------|
| 91  | Surface plasmon coupling regulated CsPbBr <sub>3</sub> perovskite lasers in a metal-insulator-semiconductor structure. RSC Advances, 2021, 11, 37218-37224.   | 3.6 | 6         |
| 92  | Impact of Stochastic Traffic on Modified Cross-Section Profiles of a Slender Long-Span Bridge: Wind Tunnel Experimental Investigation. Journal of Engineering Mechanics - ASCE, 2013, 139, 347-358.                                 | 2.9 | 5         |
| 93  | Wind Data Collection and Analysis of Topographical Features along a Highway for Traffic Safety Assessment Based on Mobile Mapping Technology. Transportation Research Record, 2018, 2672, 292-301.                                  | 1.9 | 5         |
| 94  | Carbon particulate and controlled-hydrolysis assisted extrusion foaming of semi-crystalline polyethylene terephthalate for the enhanced thermal insulation property. Journal of Cellular Plastics, 2021, 57, 695-716.               | 2.4 | 5         |
| 95  | Analysis of Long-Distance Passenger Transportation Based on a Highway Network Using the SWOT-AHP Method. , 2015, , .  |     | 4         |
| 96  | Research of long-span bridge and traffic system subjected to winds: A system and multi-hazard perspective. International Journal of Transportation Science and Technology, 2017, 6, 184-195.  | 3.6 | 4         |
| 97  | Encapsulated graphenes through ultrasonically initiated <i>in situ</i> polymerization: A route to high dielectric permittivity, low loss materials with low percolation threshold. Journal of Applied Polymer Science, 2017, 134, . | 2.6 | 4         |
| 98  | Injury Severity of Pedestrians at Mid-blocks: A Random Parameter Ordered Probit Approach. , 2019, , .   |     | 4         |
| 99  | A Simulation of the Traffic Behavior with Autonomous Truck Platoons Based on Cellular Automaton. , 2019, , .  |     | 4         |
| 100 | The Influence of Pressure-Induced-Flow Processing on the Morphology, Thermal and Mechanical Properties of Polypropylene Blends. Journal of Composites Science, 2021, 5, 64.   | 3.0 | 4         |
| 101 | Influence of interaction between poly(methyl methacrylate) and clay on the properties of nanocomposites prepared by a heterocoagulation method. Journal of Polymer Science, Part B: Polymer Physics, 2010, 48, 733-738.             | 2.1 | 3         |
| 102 | Facile Preparation of Crosslinked PAN Membranes Based on Thiol-Ene Photopolymerization. Polymers, 2017, 9, 390.   | 4.5 | 3         |
| 103 | Swelling-processed high luminescent organic perovskite with superior stability. Journal of Materials Chemistry C, 2021, 9, 10222-10225.   | 5.5 | 3         |
| 104 | The viscoelastic characterisation of asphalt mixtures using the indentation test. Road Materials and Pavement Design, 2021, 22, S411-S424.  | 4.0 | 3         |
| 105 | Enzymatic Synthesis of Chiral Polyamide via Condensation of Natural Source Amino Acid Diesters and Diamine. Macromolecular Chemistry and Physics, 2021, 222, 2100162.   | 2.2 | 3         |
| 106 | The characterizations and electrochemical properties of lignosulfonate templates based mesoporous NiO. AIP Conference Proceedings, 2013, , .  | 0.4 | 2         |
| 107 | Effect of surface modification of graphite oxide on the morphological, thermal, and mechanical properties of polyurea/graphite oxide composites. Journal of Applied Polymer Science, 2014, 131, .                                   | 2.6 | 2         |
| 108 | Research on Optimized Design of Bridge-Tunnel Linkage Sections on Mountainous Highways Considering the Effect of Crosswind on Driver Behavior. Advances in Intelligent Systems and Computing, 2017, , 717-729.                      | 0.6 | 2         |

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|-----|--|-----|-----------|
| 109 | Correlated Random Parameter Marginalized Two-Part Model: Application to Refined-Scale Longitudinal Crash Rates Data. <i>Journal of Transportation Engineering Part A: Systems</i> , 2018, 144, 04017071. | 1.4 | 2         |
| 110 | Facile preparation of a crosslinked hydrophilic UHMWPE membrane. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49015.   | 2.6 | 2         |
| 111 | Efficient antibacterial polyphosphazene material with potential to prominent wound healing. <i>Materials Express</i> , 2021, 11, 947-958.  | 0.5 | 2         |
| 112 | PNIPAAm/SA pH-responsive microcapsules based on chemical and non-covalent crosslinking. <i>Journal of Polymer Engineering</i> , 2021, 41, 65-71.   | 1.4 | 2         |
| 113 | A comparison study of hyaluronic acid hydrogel exquisite micropatterns with photolithography and light-cured inkjet printing methods. <i>E-Polymers</i> , 2022, 22, 332-341.                             | 3.0 | 2         |
| 114 | Intercalation of montmorillonite based on dendritic quaternary ammonium: preparation and characterization. <i>E-Polymers</i> , 2012, 12, .   | 3.0 | 1         |
| 115 | Research on Traffic Guidance System in Underground Parking Lots Based on Visual Driving Adaptability. , 2014, , .  |     | 1         |
| 116 | Safety Evaluation of a Bridge-Tunnel Connecting Section of Mountainous Highways Based on Drivers' Heart Rate. , 2015, , .  |     | 1         |
| 117 | Fatigue Driving Influence Research and Assessment. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 677-688.   | 0.6 | 1         |
| 118 | Research on Effect Evaluation Index System of Traffic Safety Education. , 2014, , .  |     | 0         |
| 119 | Analysis of Visual Adaptability in the Threshold Zone of Tunnels. , 2015, , .  |     | 0         |
| 120 | The legibility of LED traffic guide signs in urban tunnels. , 2017, , .  |     | 0         |
| 121 | Preparation and properties of damping materials in multi-phase system. <i>AIP Conference Proceedings</i> , 2019, , .   | 0.4 | 0         |