Wenfeng Li

List of Publications by Year
in descending order

46 papers	1,677 citations	361413 20 h-index	289244 40 g-index
46 all docs	46 docs citations	46 times ranked	1601 citing authors

#	Article	IF	Citations
1	Preparation and characterization of multilayer films composed of chitosan, sodium alginate and carboxymethyl chitosan-ZnO nanoparticles. Food Chemistry, 2019, 283, 397-403.	8.2	197
2	Chassis integrated control for active suspension, active front steering and direct yaw moment systems using hierarchical strategy. Vehicle System Dynamics, 2017, 55, 72-103.	3.7	147
3	Feather keratin hydrogel for wound repair: Preparation, healing effect and biocompatibility evaluation. Colloids and Surfaces B: Biointerfaces, 2017, 149, 341-350.	5.0	140
4	Characterization, release, and antioxidant activity of curcumin-loaded sodium alginate/ZnO hydrogel beads. International Journal of Biological Macromolecules, 2019, 121, 1118-1125.	7.5	121
5	Practical multi-objective control for automotive semi-active suspension system with nonlinear hydraulic adjustable damper. Mechanical Systems and Signal Processing, 2019, 117, 667-688.	8.0	97
6	Recombinant Human Hair Keratin Nanoparticles Accelerate Dermal Wound Healing. ACS Applied Materials & Interfaces, 2019, 11, 18681-18690.	8.0	82
7	Cornering stability control for vehicles with active front steering system using T-S fuzzy based sliding mode control strategy. Mechanical Systems and Signal Processing, 2019, 125, 347-364.	8.0	76
8	Preparation and characterization of catechol-grafted chitosan/gelatin/modified chitosan-AgNP blend films. Carbohydrate Polymers, 2020, 247, 116643.	10.2	67
9	Torque Vectoring and Rear-Wheel-Steering Control for Vehicle's Uncertain Slips on Soft and Slope Terrain Using Sliding Mode Algorithm. IEEE Transactions on Vehicular Technology, 2020, 69, 3805-3815.	6.3	63
10	Adaptive-Event-Trigger-Based Fuzzy Nonlinear Lateral Dynamic Control for Autonomous Electric Vehicles Under Insecure Communication Networks. IEEE Transactions on Industrial Electronics, 2021, 68, 2447-2459.	7.9	62
11	Development of keratin nanoparticles for controlled gastric mucoadhesion and drug release. Journal of Nanobiotechnology, 2018, 16, 24.	9.1	57
12	Synthesis and fabrication of a keratin-conjugated insulin hydrogel for the enhancement of wound healing. Colloids and Surfaces B: Biointerfaces, 2019, 175, 436-444.	5.0	54
13	Fuzzy finite-frequency output feedback control for nonlinear active suspension systems with time delay and output constraints. Mechanical Systems and Signal Processing, 2019, 132, 315-334.	8.0	46
14	Velocity-based robust fault tolerant automatic steering control of autonomous ground vehicles via adaptive event triggered network communication. Mechanical Systems and Signal Processing, 2020, 143, 106798.	8.0	42
15	In vitro and in vivo release of diclofenac sodium-loaded sodium alginate/carboxymethyl chitosan-ZnO hydrogel beads. International Journal of Biological Macromolecules, 2019, 141, 1191-1198.	7.5	32
16	Robust nonfragile Hâˆž optimum control for active suspension systems with time-varying actuator delay. JVC/Journal of Vibration and Control, 2019, 25, 2435-2452.	2.6	27
17	In situ hydrogels enhancing postoperative functional recovery by reducing iron overload after intracerebral haemorrhage. International Journal of Pharmaceutics, 2017, 534, 179-189.	5.2	26
18	Fabrication of an expandable keratin sponge for improved hemostasis in a penetrating trauma. Colloids and Surfaces B: Biointerfaces, 2019, 182, 110367.	5.0	23

#	Article	IF	Citations
19	Robust non-fragile finite frequency H_∞ control for uncertain active suspension systems with time-delay using T-S fuzzy approach. Journal of the Franklin Institute, 2021, 358, 4209-4238.	3.4	21
20	Recombinant human hair keratin proteins for halting bleeding. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 456-461.	2.8	20
21	Sampled-Data Asynchronous Fuzzy Output Feedback Control for Active Suspension Systems in Restricted Frequency Domain. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1052-1066.	13.1	20
22	Improved AET Robust Control for Networked Tâ€"S Fuzzy Systems With Asynchronous Constraints. IEEE Transactions on Cybernetics, 2022, 52, 1465-1478.	9.5	19
23	Static-Output-Feedback Based Robust Fuzzy Wheelbase Preview Control for Uncertain Active Suspensions With Time Delay and Finite Frequency Constraint. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 664-678.	13.1	19
24	Multi-objective frequency domain-constrained static output feedback control for delayed active suspension systems with wheelbase preview information. Nonlinear Dynamics, 2021, 103, 1757-1774.	5.2	19
25	In vitro preparation and characterization of amorphous calcium carbonate nanoparticles for applications in curcumin delivery. Journal of Materials Science, 2019, 54, 11243-11253.	3.7	18
26	Study of Mechanisms of Recombinant Keratin Solubilization with Enhanced Wound Healing Capability. Chemistry of Materials, 2020, 32, 3122-3133.	6.7	18
27	Adaptive event-based robust passive fault tolerant control for nonlinear lateral stability of autonomous electric vehicles with asynchronous constraints. ISA Transactions, 2022, 127, 310-323.	5.7	18
28	Human-Machine Shared Steering Control for Vehicle Lane Keeping Systems via a Fuzzy Observer-Based Event-Triggered Method. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 13731-13744.	8.0	16
29	Nonfragile H_∞ Control of Delayed Active Suspension Systems in Finite Frequency Under Nonstationary Running. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2019, 141, .	1.6	14
30	Triphenylamineâ€"Based Fluorescent Soft Matter: Interlaced Methyl Cinnamate Groups as the Dominant Interaction Tools for Gel Formation. Macromolecular Chemistry and Physics, 2014, 215, 2305-2310.	2.2	12
31	Identification properties of a recombinant class I hydrophobin rHGFI. International Journal of Biological Macromolecules, 2015, 72, 658-663.	7.5	10
32	Insight into the Regulatory Function of Human Hair Keratins in Wound Healing Using Proteomics. Advanced Biology, 2020, 4, e1900235.	3.0	10
33	Robust gain-scheduling static output-feedback H_∞ control of vehicle lateral stability with heuristic approach. Information Sciences, 2021, 546, 220-233.	6.9	10
34	Observer-based gain scheduling path following control for autonomous electric vehicles subject to time delay. Vehicle System Dynamics, 2022, 60, 1602-1626.	3.7	9
35	Synthesis and biological evaluation of fluorescent hyaluronic acid modified amorphous calcium phosphate drug carriers for tumor-targeting. International Journal of Biological Macromolecules, 2021, 182, 1445-1454.	7.5	9
36	Investigation of the relationship between the rodlet formation and Cys3â€"Cys4 loop of the HGFI hydrophobin. Colloids and Surfaces B: Biointerfaces, 2017, 150, 344-351.	5.0	8

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37	Experimental analysis of dynamic performance of air‐cooled <scp>PEMFC</scp> stack integrated ultrathin vapor chambers under New European Driving Cycle. International Journal of Energy Research, 2021, 45, 20089-20103.	4.5	8
38	Interval fuzzy robust non-fragile finite frequency control for active suspension of in-wheel motor driven electric vehicles with time delay. Journal of the Franklin Institute, 2022, 359, 5960-5990.	3.4	8
39	Cell and stack‐level study of steady‐state and transient behaviour of temperature uniformity of open‐cathode proton exchange membrane fuel cells. International Journal of Energy Research, 2019, 43, 8148.	4.5	7
40	Pilot Assignment Based on Weighted-Count for Cell-Free Massive MIMO Systems. , 2021, , .		7
41	Reliable Fuzzy Sampled-Data Control for Nonlinear Suspension Systems Against Actuator Faults. IEEE/ASME Transactions on Mechatronics, 2022, 27, 5518-5528.	5.8	6
42	Preparation and Characterization of Amphiphilic Composites Made with Double‐Modified (Etherified) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.1	5
43	Voltage behavior improvement for proton exchange membrane fuel cell stack suffering fuel starvation. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2023, 45, 6500-6514.	2.3	3
44	Hyaluronic acid-amorphous calcium phosphate nanoparticles for drug delivery and anticancer. International Journal of Polymeric Materials and Polymeric Biomaterials, 0, , 1-7.	3.4	2
45	Robust Takagi‐Sugeno Fuzzy Fault Tolerant Control for Vehicle Lateral Dynamics Stabilization With Integrated Actuator Fault and Time Delay. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2022, 144, .	1.6	2
46	Application of response surface methodology in the optimization of burnishing parameters for surface integrity. , 2010, , .		0