

Fanling Meng

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

2,064
citations

361045

20
h-index

360668

35
g-index

37
all docs

37
docs citations

37
times ranked

2902
citing authors

#	ARTICLE	IF	CITATIONS
1	Conformation-reconstructed multivalent antibody mimic for amplified mitigation of human islet amyloid polypeptide amyloidogenesis. <i>Nanoscale</i> , 2022, 14, 2802-2815.	2.8	6
2	Precisely translating computed tomography diagnosis accuracy into therapeutic intervention by a carbon-iodine conjugated polymer. <i>Nature Communications</i> , 2022, 13, 2625.	5.8	9
3	Nanomaterials Based on Functional Polymers for Sensitizing Cancer Radiotherapy. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2200194.	2.0	3
4	Continuously Multiplexed Ultrastrong Raman Probes by Precise Isotopic Polymer Backbone Doping for Multidimensional Information Storage and Encryption. <i>Nano Letters</i> , 2022, 22, 4544-4551.	4.5	7
5	Bioadhesive metal-phenolic nanoparticles for enhanced NIR imaging-guided locoregional photothermal/antiangiogenic therapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 4710-4717.	2.9	11
6	Recent progress of nanotechnology-based theranostic systems in cancer treatments. <i>Cancer Biology and Medicine</i> , 2021, 18, 336-351.	1.4	16
7	Boosting the Photodynamic Degradation of Islet Amyloid Polypeptide Aggregates Via a Bait-Hook-Devastate Strategy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 14911-14919.	4.0	1
8	Luminescent AIE Dots for Anticancer Photodynamic Therapy. <i>Frontiers in Chemistry</i> , 2021, 9, 672917.	1.8	19
9	Time-Programmed Delivery of Sorafenib and Anti-CD47 Antibody via a Double-Layer-Gel Matrix for Postsurgical Treatment of Breast Cancer. <i>Nano-Micro Letters</i> , 2021, 13, 141.	14.4	24
10	Complete Degradation of a Conjugated Polymer into Green Upcycling Products by Sunlight in Air. <i>Journal of the American Chemical Society</i> , 2021, 143, 10054-10058.	6.6	38
11	Hierarchical Vitalization of Oligotyrosine in Mitigating Islet Amyloid Polypeptide Amyloidogenesis through Multivalent Macromolecules with Conformation-Restrained Nanobody Ligands. <i>ACS Nano</i> , 2021, 15, 13319-13328.	7.3	5
12	Mitochondrion-Anchored Photosensitizer with Near Infrared Aggregation-Induced Emission for Near Infrared Two-Photon Photodynamic Therapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101056.	3.9	28
13	Tunable Two-Compartment On-Demand Sustained Drug Release Based on Lipid Gels. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 1059-1067.	1.6	7
14	Paclitaxel-Potentiated Photodynamic Theranostics for Synergistic Tumor Ablation and Precise Anticancer Efficacy Monitoring. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 5476-5487.	4.0	26
15	Polydiacetylene-based ultrastrong bioorthogonal Raman probes for targeted live-cell Raman imaging. <i>Nature Communications</i> , 2020, 11, 81.	5.8	87
16	Platinum-AIEgen coordination complex for imaging-guided annihilation of cisplatin-resistant cancer cells. <i>Chemical Communications</i> , 2020, 56, 7785-7788.	2.2	13
17	Recent advances on polydiacetylene-based smart materials for biomedical applications. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1089-1104.	3.2	63
18	Multicationic AIEgens for unimolecular photodynamic theranostics and two-photon fluorescence bioimaging. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1623-1633.	3.2	20

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19	Mild photothermal therapy potentiates anti-PD-L1 treatment for immunologically cold tumors via an all-in-one and all-in-control strategy. <i>Nature Communications</i> , 2019, 10, 4871.	5.8	377
20	Dual-Color Emissive AIEgen for Specific and Label-Free Double-Stranded DNA Recognition and Single-Nucleotide Polymorphisms Detection. <i>Journal of the American Chemical Society</i> , 2019, 141, 20097-20106.	6.6	70
21	A Dual-Functional Photosensitizer for Ultraefficient Photodynamic Therapy and Synchronous Anticancer Efficacy Monitoring. <i>Advanced Functional Materials</i> , 2019, 29, 1902673.	7.8	89
22	Ultraeffective Inhibition of Amyloid Fibril Assembly by Nanobody-Gold Nanoparticle Conjugates. <i>Bioconjugate Chemistry</i> , 2019, 30, 29-33.	1.8	18
23	Oligotyrosines Inhibit Amyloid Formation of Human Islet Amyloid Polypeptide in a Tyrosine-Number-Dependent Manner. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 1092-1099.	2.6	9
24	Conformation-Dependent Manipulation of Human Islet Amyloid Polypeptide Fibrillation by Shiitake-Derived Lentinan. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 31069-31079.	4.0	32
25	Recent progress on nanoparticle-based drug delivery systems for cancer therapy. <i>Cancer Biology and Medicine</i> , 2017, 14, 228.	1.4	206
26	Time-resolved studies define the nature of toxic IAPP intermediates, providing insight for anti-amyloidosis therapeutics. <i>ELife</i> , 2016, 5, .	2.8	126
27	Design and Optimization of Anti-amyloid Domain Antibodies Specific for I ² -Amyloid and Islet Amyloid Polypeptide. <i>Journal of Biological Chemistry</i> , 2016, 291, 2858-2873.	1.6	35
28	Inhibition of Glycosaminoglycan-Mediated Amyloid Formation by Islet Amyloid Polypeptide and proIAPP Processing Intermediates. <i>Journal of Molecular Biology</i> , 2011, 406, 491-502.	2.0	19
29	Combination of Kinetically Selected Inhibitors in Trans Leads to Highly Effective Inhibition of Amyloid Formation. <i>Journal of the American Chemical Society</i> , 2010, 132, 14340-14342.	6.6	45
30	The Ability of Rodent Islet Amyloid Polypeptide To Inhibit Amyloid Formation by Human Islet Amyloid Polypeptide Has Important Implications for the Mechanism of Amyloid Formation and the Design of Inhibitors. <i>Biochemistry</i> , 2010, 49, 872-881.	1.2	72
31	The Sulfated Triphenyl Methane Derivative Acid Fuchsin Is a Potent Inhibitor of Amyloid Formation by Human Islet Amyloid Polypeptide and Protects against the Toxic Effects of Amyloid Formation. <i>Journal of Molecular Biology</i> , 2010, 400, 555-566.	2.0	46
32	The Flavanol (âˆ“)Epigallocatechin 3-Gallate Inhibits Amyloid Formation by Islet Amyloid Polypeptide, Disaggregates Amyloid Fibrils, and Protects Cultured Cells against IAPP-Induced Toxicity. <i>Biochemistry</i> , 2010, 49, 8127-8133.	1.2	241
33	Rifampicin Does Not Prevent Amyloid Fibril Formation by Human Islet Amyloid Polypeptide but Does Inhibit Fibril Thioflavin-T Interactions: Implications for Mechanistic Studies of I ² -Cell Death. <i>Biochemistry</i> , 2008, 47, 6016-6024.	1.2	84
34	A Single-Point Mutation Converts the Highly Amyloidogenic Human Islet Amyloid Polypeptide into a Potent Fibrillization Inhibitor. <i>Journal of the American Chemical Society</i> , 2007, 129, 11300-11301.	6.6	156
35	Amyloid Formation by Pro-Islet Amyloid Polypeptide Processing Intermediates: Examination of the Role of Protein Heparan Sulfate Interactions and Implications for Islet Amyloid Formation in Type 2 Diabetes. <i>Biochemistry</i> , 2007, 46, 12091-12099.	1.2	50