Fanling Meng

List of Publications by Year
in descending order

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35	2,064	361045	360668
papers	citations	20 h-index	35 g-index

37	37	37	2902
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MildÂphotothermal therapy potentiates anti-PD-L1 treatment for immunologically cold tumors via an all-in-one and all-in-control strategy. Nature Communications, 2019, 10, 4871.	5.8	377
2	The Flavanol (â˜)-Epigallocatechin 3-Gallate Inhibits Amyloid Formation by Islet Amyloid Polypeptide, Disaggregates Amyloid Fibrils, and Protects Cultured Cells against IAPP-Induced Toxicity. Biochemistry, 2010, 49, 8127-8133.	1.2	241
3	Recent progress on nanoparticle-based drug delivery systems for cancer therapy. Cancer Biology and Medicine, 2017, 14, 228.	1.4	206
4	A Single-Point Mutation Converts the Highly Amyloidogenic Human Islet Amyloid Polypeptide into a Potent Fibrillization Inhibitor. Journal of the American Chemical Society, 2007, 129, 11300-11301.	6.6	156
5	Time-resolved studies define the nature of toxic IAPP intermediates, providing insight for anti-amyloidosis therapeutics. ELife, 2016, 5, .	2.8	126
6	A Dualâ€Functional Photosensitizer for Ultraefficient Photodynamic Therapy and Synchronous Anticancer Efficacy Monitoring. Advanced Functional Materials, 2019, 29, 1902673.	7.8	89
7	Polydiacetylene-based ultrastrong bioorthogonal Raman probes for targeted live-cell Raman imaging. Nature Communications, 2020, 11, 81.	5.8	87
8	Rifampicin Does Not Prevent Amyloid Fibril Formation by Human Islet Amyloid Polypeptide but Does Inhibit Fibril Thioflavin-T Interactions: Implications for Mechanistic Studies of Î²-Cell Death. Biochemistry, 2008, 47, 6016-6024.	1.2	84
9	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. Biochemistry, 2010, 49, 872-881.	1.2	72
10	Dual-Color Emissive AIEgen for Specific and Label-Free Double-Stranded DNA Recognition and Single-Nucleotide Polymorphisms Detection. Journal of the American Chemical Society, 2019, 141, 20097-20106.	6.6	70
11	Recent advances on polydiacetylene-based smart materials for biomedical applications. Materials Chemistry Frontiers, 2020, 4, 1089-1104.	3.2	63
12	Amyloid Formation by Pro-Islet Amyloid Polypeptide Processing Intermediates:â€‰ Examination of the Role of Protein Heparan Sulfate Interactions and Implications for Islet Amyloid Formation in Type 2 Diabetes. Biochemistry, 2007, 46, 12091-12099.	1.2	50
13	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. Journal of Molecular Biology, 2010, 400, 555-566.	2.0	46
14	Combination of Kinetically Selected Inhibitorsin TransLeads to Highly Effective Inhibition of Amyloid Formation. Journal of the American Chemical Society, 2010, 132, 14340-14342.	6.6	45
15	Complete Degradation of a Conjugated Polymer into Green Upcycling Products by Sunlight in Air. Journal of the American Chemical Society, 2021, 143, 10054-10058.	6.6	38
16	Design and Optimization of Anti-amyloid Domain Antibodies Specific for Î²-Amyloid and Islet Amyloid Polypeptide. Journal of Biological Chemistry, 2016, 291, 2858-2873.	1.6	35
17	Conformation-Dependent Manipulation of Human Islet Amyloid Polypeptide Fibrillation by Shiitake-Derived Lentinan. ACS Applied Materials & Interfaces, 2018, 10, 31069-31079.	4.0	32
18	Mitochondrionâ€Anchored Photosensitizer with Near Infraredâ€Ì Aggregationâ€Ìnduced Emission for Near Infraredâ€Ì Twoâ€Photon Photodynamic Therapy. Advanced Healthcare Materials, 2021, 10, e2101056.	3.9	28

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19	Paclitaxel-Potentiated Photodynamic Theranostics for Synergistic Tumor Ablation and Precise Anticancer Efficacy Monitoring. ACS Applied Materials & Interfaces, 2020, 12, 5476-5487.	4.0	26
20	Time-Programmed Delivery of Sorafenib and Anti-CD47 Antibody via a Double-Layer-Gel Matrix for Postsurgical Treatment of Breast Cancer. Nano-Micro Letters, 2021, 13, 141.	14.4	24
21	Multicationic AIEgens for unimolecular photodynamic theranostics and two-photon fluorescence bioimaging. Materials Chemistry Frontiers, 2020, 4, 1623-1633.	3.2	20
22	Inhibition of Glycosaminoglycan-Mediated Amyloid Formation by Islet Amyloid Polypeptide and proIAPP Processing Intermediates. Journal of Molecular Biology, 2011, 406, 491-502.	2.0	19
23	Luminescent AIE Dots for Anticancer Photodynamic Therapy. Frontiers in Chemistry, 2021, 9, 672917.	1.8	19
24	Ultraeffective Inhibition of Amyloid Fibril Assembly by Nanobodyâ€“Gold Nanoparticle Conjugates. Bioconjugate Chemistry, 2019, 30, 29-33.	1.8	18
25	Recent progress of nanotechnology-based theranostic systems in cancer treatments. Cancer Biology and Medicine, 2021, 18, 336-351.	1.4	16
26	Platinum-AIEgen coordination complex for imaging-guided annihilation of cisplatin-resistant cancer cells. Chemical Communications, 2020, 56, 7785-7788.	2.2	13
27	Bioadhesive metalâ€“phenolic nanoparticles for enhanced NIR imaging-guided locoregional photothermal/antiangiogenic therapy. Journal of Materials Chemistry B, 2021, 9, 4710-4717.	2.9	11
28	Oligotyrosines Inhibit Amyloid Formation of Human Islet Amyloid Polypeptide in a Tyrosine-Number-Dependent Manner. ACS Biomaterials Science and Engineering, 2019, 5, 1092-1099.	2.6	9
29	Precisely translating computed tomography diagnosis accuracy into therapeutic intervention by a carbon-iodine conjugated polymer. Nature Communications, 2022, 13, 2625.	5.8	9
30	Tunable Two-Compartment On-Demand Sustained Drug Release Based on Lipid Gels. Journal of Pharmaceutical Sciences, 2020, 109, 1059-1067.	1.6	7
31	Continuously Multiplexed Ultrastrong Raman Probes by Precise Isotopic Polymer Backbone Doping for Multidimensional Information Storage and Encryption. Nano Letters, 2022, 22, 4544-4551.	4.5	7
32	Conformation-reconstructed multivalent antibody mimic for amplified mitigation of human islet amyloid polypeptide amyloidogenesis. Nanoscale, 2022, 14, 2802-2815.	2.8	6
33	Hierarchical Vitalization of Oligotyrosine in Mitigating Islet Amyloid Polypeptide Amyloidogenesis through Multivalent Macromolecules with Conformation-Restrained Nanobody Ligands. ACS Nano, 2021, 15, 13319-13328.	7.3	5
34	Nanomaterials Based on Functional Polymers for Sensitizing Cancer Radiotherapy. Macromolecular Rapid Communications, 2022, 43, e2200194.	2.0	3
35	Boosting the Photodynamic Degradation of Islet Amyloid Polypeptide Aggregates Via a â€œBait-Hook-Devastateâ€•Strategy. ACS Applied Materials & Interfaces, 2021, 13, 14911-14919.	4.0	1