

Wei Tao

List of Publications by Year in descending order

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Version: 2024-02-01

142
papers

18,278
citations

10373

72
h-index

12585

132
g-index

150
all docs

150
docs citations

150
times ranked

18600
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular uptake of nanoparticles: journey inside the cell. <i>Chemical Society Reviews</i> , 2017, 46, 4218-4244.	18.7	1,709
2	Progress and challenges towards targeted delivery of cancer therapeutics. <i>Nature Communications</i> , 2018, 9, 1410.	5.8	1,488
3	Black Phosphorus Nanosheets as a Robust Delivery Platform for Cancer Theranostics. <i>Advanced Materials</i> , 2017, 29, 1603276.	11.1	721
4	Emerging two-dimensional monoelemental materials (Xenes) for biomedical applications. <i>Chemical Society Reviews</i> , 2019, 48, 2891-2912.	18.7	482
5	Antimonene Quantum Dots: Synthesis and Application as Near-Infrared Photothermal Agents for Effective Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11896-11900.	7.2	465
6	Polydopamine-Modified Black Phosphorous Nanocapsule with Enhanced Stability and Photothermal Performance for Tumor Multimodal Treatments. <i>Advanced Science</i> , 2018, 5, 1800510.	5.6	460
7	ROS-Responsive Polyprodrug Nanoparticles for Triggered Drug Delivery and Effective Cancer Therapy. <i>Advanced Materials</i> , 2017, 29, 1700141.	11.1	370
8	A Novel Top-Down Synthesis of Ultrathin 2D Boron Nanosheets for Multimodal Imaging-Guided Cancer Therapy. <i>Advanced Materials</i> , 2018, 30, e1803031.	11.1	318
9	Two-Dimensional Antimonene-Based Photonic Nanomedicine for Cancer Theranostics. <i>Advanced Materials</i> , 2018, 30, e1802061.	11.1	314
10	A Multifunctional Nanoplatform against Multidrug Resistant Cancer: Merging the Best of Targeted Chemo/Gene/Photothermal Therapy. <i>Advanced Functional Materials</i> , 2017, 27, 1704135.	7.8	260
11	A Drug-Self-Gated Mesoporous Antitumor Nanoplatform Based on pH-Sensitive Dynamic Covalent Bond. <i>Advanced Functional Materials</i> , 2017, 27, 1605985.	7.8	255
12	Cholic acid-functionalized nanoparticles of star-shaped PLGA-vitamin E TPGS copolymer for docetaxel delivery to cervical cancer. <i>Biomaterials</i> , 2013, 34, 6058-6067.	5.7	252
13	TiL ₄ -Coordinated Black Phosphorus Quantum Dots as an Efficient Contrast Agent for In Vivo Photoacoustic Imaging of Cancer. <i>Small</i> , 2017, 13, 1602896.	5.2	251
14	In situ sprayed NIR-responsive, analgesic black phosphorus-based gel for diabetic ulcer treatment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28667-28677.	3.3	244
15	Docetaxel (DTX)-loaded polydopamine-modified TPGS-PLA nanoparticles as a targeted drug delivery system for the treatment of liver cancer. <i>Acta Biomaterialia</i> , 2016, 30, 144-154.	4.1	243
16	Marriage of black phosphorus and Cu ²⁺ as effective photothermal agents for PET-guided combination cancer therapy. <i>Nature Communications</i> , 2020, 11, 2778.	5.8	233
17	A materials-science perspective on tackling COVID-19. <i>Nature Reviews Materials</i> , 2020, 5, 847-860.	23.3	228
18	Capturing functional two-dimensional nanosheets from sandwich-structure vermiculite for cancer theranostics. <i>Nature Communications</i> , 2021, 12, 1124.	5.8	227

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19	TPGS-Functionalized Polydopamine-Modified Mesoporous Silica as Drug Nanocarriers for Enhanced Lung Cancer Chemotherapy against Multidrug Resistance. <i>Small</i> , 2017, 13, 1700623.	5.2	218
20	Restoration of tumour-growth suppression in vivo via systemic nanoparticle-mediated delivery of PTEN mRNA. <i>Nature Biomedical Engineering</i> , 2018, 2, 850-864.	11.6	214
21	Polydopamine-based surface modification of mesoporous silica nanoparticles as pH-sensitive drug delivery vehicles for cancer therapy. <i>Journal of Colloid and Interface Science</i> , 2016, 463, 279-287.	5.0	205
22	Glutathione-Responsive Prodrug Nanoparticles for Effective Drug Delivery and Cancer Therapy. <i>ACS Nano</i> , 2019, 13, 357-370.	7.3	204
23	Germanene-Based Theranostic Materials for Surgical Adjuvant Treatment: Inhibiting Tumor Recurrence and Wound Infection. <i>Matter</i> , 2020, 3, 127-144.	5.0	190
24	Intracellular Mechanistic Understanding of 2D MoS ₂ Nanosheets for Anti-Exocytosis-Enhanced Synergistic Cancer Therapy. <i>ACS Nano</i> , 2018, 12, 2922-2938.	7.3	188
25	Polydopamine-Based Surface Modification of Novel Nanoparticle-Aptamer Bioconjugates for <i>In Vivo</i> Breast Cancer Targeting and Enhanced Therapeutic Effects. <i>Theranostics</i> , 2016, 6, 470-484.	4.6	184
26	Minimally invasive nanomedicine: nanotechnology in photo-/ultrasound-/radiation-/magnetism-mediated therapy and imaging. <i>Chemical Society Reviews</i> , 2022, 51, 4996-5041.	18.7	179
27	Synthetic mRNA nanoparticle-mediated restoration of p53 tumor suppressor sensitizes p53-deficient cancers to mTOR inhibition. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	177
28	Glutathione-Scavenging Poly(disulfide amide) Nanoparticles for the Effective Delivery of Pt(IV) Prodrugs and Reversal of Cisplatin Resistance. <i>Nano Letters</i> , 2018, 18, 4618-4625.	4.5	173
29	Multifunctional Envelope-Type siRNA Delivery Nanoparticle Platform for Prostate Cancer Therapy. <i>ACS Nano</i> , 2017, 11, 2618-2627.	7.3	172
30	Macrophage-targeted nanomedicine for the diagnosis and treatment of atherosclerosis. <i>Nature Reviews Cardiology</i> , 2022, 19, 228-249.	6.1	171
31	Long-circulating siRNA nanoparticles for validating Prohibitin1-targeted non-small cell lung cancer treatment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7779-7784.	3.3	170
32	Phosphorus Science-Oriented Design and Synthesis of Multifunctional Nanomaterials for Biomedical Applications. <i>Matter</i> , 2020, 2, 297-322.	5.0	165
33	The effect of autophagy inhibitors on drug delivery using biodegradable polymer nanoparticles in cancer treatment. <i>Biomaterials</i> , 2014, 35, 1932-1943.	5.7	159
34	ROS-Mediated Selective Killing Effect of Black Phosphorus: Mechanistic Understanding and Its Guidance for Safe Biomedical Applications. <i>Nano Letters</i> , 2020, 20, 3943-3955.	4.5	158
35	ROS-Responsive Polymeric siRNA Nanomedicine Stabilized by Triple Interactions for the Robust Glioblastoma Combinational RNAi Therapy. <i>Advanced Materials</i> , 2019, 31, e1903277.	11.1	155
36	Ultrasound mediated therapy: Recent progress and challenges in nanoscience. <i>Nano Today</i> , 2020, 35, 100949.	6.2	153

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37	Challenges in DNA Delivery and Recent Advances in Multifunctional Polymeric DNA Delivery Systems. <i>Biomacromolecules</i> , 2017, 18, 2231-2246.	2.6	147
38	Insights from nanotechnology in COVID-19 treatment. <i>Nano Today</i> , 2021, 36, 101019.	6.2	146
39	Arsenene-mediated multiple independently targeted reactive oxygen species burst for cancer therapy. <i>Nature Communications</i> , 2021, 12, 4777.	5.8	144
40	Intracellular Fate of Nanoparticles with Polydopamine Surface Engineering and a Novel Strategy for Exocytosis-Inhibiting, Lysosome Impairment-Based Cancer Therapy. <i>Nano Letters</i> , 2017, 17, 6790-6801.	4.5	143
41	Nanotechnology-Based Strategies for siRNA Brain Delivery for Disease Therapy. <i>Trends in Biotechnology</i> , 2018, 36, 562-575.	4.9	139
42	Black phosphorus analogue tin sulfide nanosheets: synthesis and application as near-infrared photothermal agents and drug delivery platforms for cancer therapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 4747-4755.	2.9	137
43	Blood-brain barrier-penetrating siRNA nanomedicine for Alzheimer's disease therapy. <i>Science Advances</i> , 2020, 6, .	4.7	135
44	siRNA nanoparticles targeting CaMKII β in lesional macrophages improve atherosclerotic plaque stability in mice. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	132
45	Adjuvant-pulsed mRNA vaccine nanoparticle for immunoprophylactic and therapeutic tumor suppression in mice. <i>Biomaterials</i> , 2021, 266, 120431.	5.7	131
46	Synthesis of Ultrathin Biotite Nanosheets as an Intelligent Theranostic Platform for Combination Cancer Therapy. <i>Advanced Science</i> , 2019, 6, 1901211.	5.6	130
47	Enhanced Oral Delivery of Protein Drugs Using Zwitterion-Functionalized Nanoparticles to Overcome both the Diffusion and Absorption Barriers. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 25444-25453.	4.0	127
48	Polymeric Nanoparticles Amenable to Simultaneous Installation of Exterior Targeting and Interior Therapeutic Proteins. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3309-3312.	7.2	121
49	Docetaxel-loaded nanoparticles based on star-shaped mannitol-core PLGA-TPGS diblock copolymer for breast cancer therapy. <i>Acta Biomaterialia</i> , 2013, 9, 8910-8920.	4.1	120
50	Tumor Microenvironment-Responsive Multistaged Nanoplatform for Systemic RNAi and Cancer Therapy. <i>Nano Letters</i> , 2017, 17, 4427-4435.	4.5	119
51	Stannene-Based Nanosheets for Iodine Delivery and Ultrasound-Mediated Combination Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7155-7164.	7.2	113
52	Iron Oxide Nanoparticles Induce Autophagosome Accumulation through Multiple Mechanisms: Lysosome Impairment, Mitochondrial Damage, and ER Stress. <i>Molecular Pharmaceutics</i> , 2016, 13, 2578-2587.	2.3	112
53	Biologically modified nanoparticles as theranostic bionanomaterials. <i>Progress in Materials Science</i> , 2021, 118, 100768.	16.0	108
54	Nanoscale porous organic polymers for drug delivery and advanced cancer theranostics. <i>Chemical Society Reviews</i> , 2021, 50, 12883-12896.	18.7	108

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55	Pnictogens in medicinal chemistry: evolution from erstwhile drugs to emerging layered photonic nanomedicine. <i>Chemical Society Reviews</i> , 2021, 50, 2260-2279.	18.7	106
56	Stimuli-responsive prodrug-based cancer nanomedicine. <i>EBioMedicine</i> , 2020, 56, 102821.	2.7	103
57	2D Monoelemental Germanene Quantum Dots: Synthesis as Robust Photothermal Agents for Photonic Cancer Nanomedicine. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13405-13410.	7.2	102
58	Charge Conversional Biomimetic Nanocomplexes as a Multifunctional Platform for Boosting Orthotopic Glioblastoma RNAi Therapy. <i>Nano Letters</i> , 2020, 20, 1637-1646.	4.5	102
59	Stimuli-Responsive Polymer-Prodrug Hybrid Nanoplatfor for Multistage siRNA Delivery and Combination Cancer Therapy. <i>Nano Letters</i> , 2019, 19, 5967-5974.	4.5	101
60	Efferocytosis induces macrophage proliferation to help resolve tissue injury. <i>Cell Metabolism</i> , 2021, 33, 2445-2463.e8.	7.2	98
61	Engineering Halomonas species TD01 for enhanced polyhydroxyalkanoates synthesis via CRISPRi. <i>Microbial Cell Factories</i> , 2017, 16, 48.	1.9	96
62	Baicalin induces ferroptosis in bladder cancer cells by downregulating FTH1. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 4045-4054.	5.7	96
63	Nano-Bio Interactions in Cancer: From Therapeutics Delivery to Early Detection. <i>Accounts of Chemical Research</i> , 2021, 54, 291-301.	7.6	95
64	Antimonene Quantum Dots: Synthesis and Application as Near-Infrared Photothermal Agents for Effective Cancer Therapy. <i>Angewandte Chemie</i> , 2017, 129, 12058-12062.	1.6	93
65	Arsenene Nanodots with Selective Killing Effects and their Low-Dose Combination with Arsenic for Cancer Therapy. <i>Advanced Materials</i> , 2021, 33, e2102054.	11.1	93
66	Biomaterials and nanomedicine for bone regeneration: Progress and future prospects. <i>Exploration</i> , 2021, 1, 20210011.	5.4	90
67	Redox-responsive polyprodrug nanoparticles for targeted siRNA delivery and synergistic liver cancer therapy. <i>Biomaterials</i> , 2020, 234, 119760.	5.7	89
68	Oral Insulin Delivery Platforms: Strategies To Address the Biological Barriers. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19787-19795.	7.2	88
69	Orally deliverable strategy based on microalgal biomass for intestinal disease treatment. <i>Science Advances</i> , 2021, 7, eabi9265.	4.7	88
70	Intravesical delivery of KDM6A mRNA via mucoadhesive nanoparticles inhibits the metastasis of bladder cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	87
71	Redox-Responsive Nanoparticle-Mediated Systemic RNAi for Effective Cancer Therapy. <i>Small</i> , 2018, 14, e1802565.	5.2	85
72	Surface De-PEGylation Controls Nanoparticle-Mediated siRNA Delivery In Vitro and In Vivo. <i>Theranostics</i> , 2017, 7, 1990-2002.	4.6	81

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73	Ca ²⁺ -supplying black phosphorus-based scaffolds fabricated with microfluidic technology for osteogenesis. <i>Bioactive Materials</i> , 2021, 6, 4053-4064.	8.6	80
74	Microalgae-based oral microcarriers for gut microbiota homeostasis and intestinal protection in cancer radiotherapy. <i>Nature Communications</i> , 2022, 13, 1413.	5.8	78
75	Nanobuffering of pH-Responsive Polymers: A Known but Sometimes Overlooked Phenomenon and Its Biological Applications. <i>ACS Nano</i> , 2019, 13, 4876-4882.	7.3	77
76	Emerging mRNA technologies: delivery strategies and biomedical applications. <i>Chemical Society Reviews</i> , 2022, 51, 3828-3845.	18.7	76
77	Multifunctional Fibers to Shape Future Biomedical Devices. <i>Advanced Functional Materials</i> , 2019, 29, 1902834.	7.8	74
78	Triangle-Shaped Tellurium Nanostars Potentiate Radiotherapy by Boosting Checkpoint Blockade Immunotherapy. <i>Matter</i> , 2020, 3, 1725-1753.	5.0	74
79	An antimonene/Cp*Rh(phen)Cl/black phosphorus hybrid nanosheet-based Z-scheme artificial photosynthesis for enhanced photo/bio-catalytic CO ₂ reduction. <i>Journal of Materials Chemistry A</i> , 2020, 8, 323-333.	5.2	71
80	Blood-brain barrier-penetrating single CRISPR-Cas9 nanocapsules for effective and safe glioblastoma gene therapy. <i>Science Advances</i> , 2022, 8, eabm8011.	4.7	71
81	Blended Nanoparticle System Based on Miscible Structurally Similar Polymers: A Safe, Simple, Targeted, and Surprisingly High Efficiency Vehicle for Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2015, 4, 1203-1214.	3.9	67
82	Intracellular Trafficking Network of Protein Nanocapsules: Endocytosis, Exocytosis and Autophagy. <i>Theranostics</i> , 2016, 6, 2099-2113.	4.6	67
83	Tailoring Aggregation Extent of Photosensitizers to Boost Phototherapy Potency for Eliciting Systemic Antitumor Immunity. <i>Advanced Materials</i> , 2022, 34, e2106390.	11.1	65
84	Enhancing Therapeutic Effects of Docetaxel-Loaded Dendritic Copolymer Nanoparticles by Co-Treatment with Autophagy Inhibitor on Breast Cancer. <i>Theranostics</i> , 2014, 4, 1085-1095.	4.6	64
85	Polyphenol-based hydrogels: Pyramid evolution from crosslinked structures to biomedical applications and the reverse design. <i>Bioactive Materials</i> , 2022, 17, 49-70.	8.6	64
86	Systematic investigation on the intracellular trafficking network of polymeric nanoparticles. <i>Nanoscale</i> , 2017, 9, 3269-3282.	2.8	62
87	Black Phosphorus in Biological Applications: Evolutionary Journey from Monoelemental Materials to Composite Materials. <i>Accounts of Materials Research</i> , 2021, 2, 489-500.	5.9	57
88	Docetaxel-Loaded Nanoparticles of Dendritic Amphiphilic Block Copolymer H40-PLA-TPGS for Cancer Treatment. <i>Particle and Particle Systems Characterization</i> , 2015, 32, 112-122.	1.2	54
89	A facile and general method for synthesis of antibiotic-free protein-based hydrogel: Wound dressing for the eradication of drug-resistant bacteria and biofilms. <i>Bioactive Materials</i> , 2022, 18, 446-458.	8.6	54
90	2D materials-based nanomedicine: From discovery to applications. <i>Advanced Drug Delivery Reviews</i> , 2022, 185, 114268.	6.6	53

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91	Phosphorylcholine-based stealthy nanocapsules enabling tumor microenvironment-responsive doxorubicin release for tumor suppression. <i>Theranostics</i> , 2017, 7, 1192-1203.	4.6	52
92	Emerging vaccine nanotechnology: From defense against infection to sniping cancer. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 2206-2223.	5.7	52
93	Synthesis of siRNA nanoparticles to silence plaque-destabilizing gene in atherosclerotic lesional macrophages. <i>Nature Protocols</i> , 2022, 17, 748-780.	5.5	52
94	Co-delivery of docetaxel and bortezomib based on a targeting nanoplatform for enhancing cancer chemotherapy effects. <i>Drug Delivery</i> , 2017, 24, 1124-1138.	2.5	48
95	Emerging Advances in Nanotheranostics with Intelligent Bioresponsive Systems. <i>Theranostics</i> , 2017, 7, 3915-3919.	4.6	48
96	Porphyrin/SiO ₂ /Cp*Rh(bpy)Cl Hybrid Nanoparticles Mimicking Chloroplast with Enhanced Electronic Energy Transfer for Biocatalyzed Artificial Photosynthesis. <i>Advanced Functional Materials</i> , 2018, 28, 1705083.	7.8	45
97	Theranostic Nanomedicine in the NIR-II Window: Classification, Fabrication, and Biomedical Applications. <i>Chemical Reviews</i> , 2022, 122, 5405-5407.	23.0	45
98	Synthesis of cholic acid-core poly(μ -caprolactone-ran-lactide)-b-poly(ethylene glycol) 1000 random copolymer as a chemotherapeutic nanocarrier for liver cancer treatment. <i>Biomaterials Science</i> , 2014, 2, 1262-1274.	2.6	43
99	Cryogenic Exfoliation of 2D Stanene Nanosheets for Cancer Theranostics. <i>Nano-Micro Letters</i> , 2021, 13, 90.	14.4	43
100	DACHPt-Loaded Unimolecular Micelles Based on Hydrophilic Dendritic Block Copolymers for Enhanced Therapy of Lung Cancer. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 112-119.	4.0	42
101	Dual Hypoxia-Targeting RNAi Nanomedicine for Precision Cancer Therapy. <i>Nano Letters</i> , 2020, 20, 4857-4863.	4.5	42
102	2D Monoelemental Germanene Quantum Dots: Synthesis as Robust Photothermal Agents for Photonic Cancer Nanomedicine. <i>Angewandte Chemie</i> , 2019, 131, 13539-13544.	1.6	41
103	Robust aptamer–polydopamine-functionalized M-PLGA–TPGS nanoparticles for targeted delivery of docetaxel and enhanced cervical cancer therapy. <i>International Journal of Nanomedicine</i> , 2016, 11, 2953.	3.3	40
104	Drug Delivery Strategies for the Treatment of Metabolic Diseases. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801655.	3.9	40
105	Enhanced adsorption of puerarin onto a novel hydrophilic and polar modified post-crosslinked resin from aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2012, 385, 166-173.	5.0	39
106	Novel Simvastatin-Loaded Nanoparticles Based on Cholic Acid-Core Star-Shaped PLGA for Breast Cancer Treatment. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1247-1260.	0.5	39
107	Doxorubicin-loaded star-shaped copolymer PLGA-vitamin E TPGS nanoparticles for lung cancer therapy. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 165.	1.7	37
108	Non–invasive Thermal Therapy for Tissue Engineering and Regenerative Medicine. <i>Small</i> , 2022, 18, e2107705.	5.2	36

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109	Investigation and intervention of autophagy to guide cancer treatment with nanogels. <i>Nanoscale</i> , 2017, 9, 150-163.	2.8	35
110	Nano-bio interfaces effect of two-dimensional nanomaterials and their applications in cancer immunotherapy. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 3447-3464.	5.7	35
111	Intercalation-Driven Formation of siRNA Nanogels for Cancer Therapy. <i>Nano Letters</i> , 2021, 21, 9706-9714.	4.5	33
112	Visualization of human T lymphocyte-mediated eradication of cancer cells in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 22910-22919.	3.3	32
113	DTX-loaded star-shaped TAPP-PLA-b-TPGS nanoparticles for cancer chemical and photodynamic combination therapy. <i>RSC Advances</i> , 2015, 5, 50617-50627.	1.7	31
114	Biomedical applications of 2D monoelemental materials formed by group VA and VIA: a concise review. <i>Journal of Nanobiotechnology</i> , 2021, 19, 96.	4.2	30
115	Engineered nanoparticles enable deep proteomics studies at scale by leveraging tunable nano-bio interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2106053119.	3.3	29
116	RNA cancer nanomedicine: nanotechnology-mediated RNA therapy. <i>Nanoscale</i> , 2022, 14, 4448-4455.	2.8	28
117	Sensitive, Rapid, Low-Cost, and Multiplexed COVID-19 Monitoring by the Wireless Telemedicine Platform. <i>Matter</i> , 2020, 3, 1818-1820.	5.0	27
118	From mouse to mouse-ear cross: Nanomaterials as vehicles in plant biotechnology. <i>Exploration</i> , 2021, 1, 9-20.	5.4	27
119	ODC (Ornithine Decarboxylase)-Dependent Putrescine Synthesis Maintains MerTK (MER) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Biology, 2021, 41, e144-e159.	1.1	23
120	Interleukin-33 is a Novel Immunosuppressor that Protects Cancer Cells from TIL Killing by a Macrophage-Mediated Shedding Mechanism. <i>Advanced Science</i> , 2021, 8, 2101029.	5.6	20
121	One-step and facile synthesis of peptide-like poly(melphalan) nanodrug for cancer therapy. <i>Nano Today</i> , 2021, 37, 101098.	6.2	19
122	Comprehensive insights into intracellular fate of WS ₂ nanosheets for enhanced photothermal therapeutic outcomes via exocytosis inhibition. <i>Nanophotonics</i> , 2019, 8, 2331-2346.	2.9	16
123	Advancing the Pharmaceutical Potential of Bioinorganic Hybrid Lipid-Based Assemblies. <i>Advanced Science</i> , 2018, 5, 1800564.	5.6	15
124	Editorial: Applications of Nanobiotechnology in Pharmacology. <i>Frontiers in Pharmacology</i> , 2019, 10, 1451.	1.6	15
125	Arsenene Nanodots with Selective Killing Effects and their Low-Dose Combination with 5-Fluorouracil for Cancer Therapy (Adv. Mater. 37/2021). <i>Advanced Materials</i> , 2021, 33, 2170292.	11.1	15
126	Polymeric Nanoparticles Amenable to Simultaneous Installation of Exterior Targeting and Interior Therapeutic Proteins. <i>Angewandte Chemie</i> , 2016, 128, 3370-3373.	1.6	10

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127	Black Phosphorus: Black Phosphorus Nanosheets as a Robust Delivery Platform for Cancer Theranostics (Adv. Mater. 1/2017). Advanced Materials, 2017, 29, .	11.1	10
128	Docetaxel-loaded nanoparticles of dendrimer-like amphiphilic copolymer for cancer therapy. Journal of Controlled Release, 2015, 213, e119.	4.8	8
129	DNAâ€Damageâ€Responseâ€Targeting Mitochondriaâ€Activated Multifunctional Prodrug Strategy for Selfâ€Defensive Tumor Therapy. Angewandte Chemie, 2022, 134, .	1.6	8
130	Editorial: Emerging Micro- and Nanotechnologies for Medical and Pharmacological Applications. Frontiers in Pharmacology, 2021, 12, 648749.	1.6	6
131	Pharmaceutical Nanotechnology: Blended Nanoparticle System Based on Miscible Structurally Similar Polymers: A Safe, Simple, Targeted, and Surprisingly High Efficiency Vehicle for Cancer Therapy (Adv. Tj ETQq1 1 0.704314 rsgt /Overlo	7.8	3
132	Plattformen für die orale Insulinabgabe: Strategien zur Beseitigung der biologischen Barrieren. Angewandte Chemie, 2020, 132, 19955-19964.	1.6	5
133	Cancer Theranostics: A Novel Top-Down Synthesis of Ultrathin 2D Boron Nanosheets for Multimodal Imaging-Guided Cancer Therapy (Adv. Mater. 36/2018). Advanced Materials, 2018, 30, 1870268.	11.1	4
134	Lipid nanoparticles for mRNA therapy: recent advances in targeted delivery. , 2022, 1, 21-23.		4
135	Cancer Therapy: A Multifunctional Nanoplatform against Multidrug Resistant Cancer: Merging the Best of Targeted Chemo/Gene/Photothermal Therapy (Adv. Funct. Mater. 45/2017). Advanced Functional Materials, 2017, 27, .	7.8	3
136	Cancer Theranostics: Twoâ€Dimensional Antimoneneâ€Based Photonic Nanomedicine for Cancer Theranostics (Adv. Mater. 38/2018). Advanced Materials, 2018, 30, 1870283.	11.1	3
137	2D Black Mica Nanosheets: Synthesis of Ultrathin Biotite Nanosheets as an Intelligent Theranostic Platform for Combination Cancer Therapy (Adv. Sci. 19/2019). Advanced Science, 2019, 6, 1970118.	5.6	2
138	Innentitelbild: Antimonene Quantum Dots: Synthesis and Application as Nearâ€Infrared Photothermal Agents for Effective Cancer Therapy (Angew. Chem. 39/2017). Angewandte Chemie, 2017, 129, 11816-11816.	1.6	1
139	Artificial Photosynthesis: Porphyrin/SiO ₂ /Cp*Rh(bpy)Cl Hybrid Nanoparticles Mimicking Chloroplast with Enhanced Electronic Energy Transfer for Biocatalyzed Artificial Photosynthesis (Adv. Funct. Mater. 9/2018). Advanced Functional Materials, 2018, 28, 1870061.	7.8	1
140	RÄ¼cktitelbild: Plattformen für die orale Insulinabgabe: Strategien zur Beseitigung der biologischen Barrieren (Angew. Chem. 45/2020). Angewandte Chemie, 2020, 132, 20424-20424.	1.6	1
141	Cancer Therapy: TPGSâ€Functionalized Polydopamineâ€Modified Mesoporous Silica as Drug Nanocarriers for Enhanced Lung Cancer Chemotherapy against Multidrug Resistance (Small 29/2017). Small, 2017, 13, .	5.2	0
142	Titelbild: DNAâ€Damageâ€Responseâ€Targeting Mitochondriaâ€Activated Multifunctional Prodrug Strategy for Selfâ€Defensive Tumor Therapy (Angew. Chem. 16/2022). Angewandte Chemie, 2022, 134, .	1.6	0