

# Ming-Hsien Chan

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

1,031  
citations

471477

17  
h-index

414395

32  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1695  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel monodisperse FePt nanocomposites for T2-weighted magnetic resonance imaging: biomedical theranostics applications. <i>Nanoscale Advances</i> , 2022, 4, 377-386.	4.6	7
2	Integrated therapy platform of exosomal system: hybrid inorganic/organic nanoparticles with exosomes for cancer treatment. <i>Nanoscale Horizons</i> , 2022, 7, 352-367.	8.0	30
3	The optical research progress of nanophosphors composed of transition elements in the fourth period of near-infrared windows I and II for deep-tissue theranostics. <i>Nanoscale</i> , 2022, 14, 7123-7136.	5.6	19
4	Progress and Viewpoints of Multifunctional Composite Nanomaterials for Glioblastoma Theranostics. <i>Pharmaceutics</i> , 2022, 14, 456.	4.5	6
5	Ultrasound and Nanomedicine for Cancer-Targeted Drug Delivery: Screening, Cellular Mechanisms and Therapeutic Opportunities. <i>Pharmaceutics</i> , 2022, 14, 1282.	4.5	1
6	Long-Term Near-Infrared Signal Tracking of the Therapeutic Changes of Glioblastoma Cells in Brain Tissue with Ultrasound-Guided Persistent Luminescent Nanocomposites. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 6099-6108.	8.0	12
7	Near-Infrared Nanophosphor Embedded in Mesoporous Silica Nanoparticle with High Light Harvesting Efficiency for Dual Photosystem Enhancement. <i>Angewandte Chemie</i> , 2021, 133, 7031-7035.	2.0	1
8	Near-Infrared Nanophosphor Embedded in Mesoporous Silica Nanoparticle with High Light Harvesting Efficiency for Dual Photosystem Enhancement. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6955-6959.	13.8	31
9	Metabolic protein phosphoglycerate kinase 1 confers lung cancer migration by directly binding HIV Tat specific factor 1. <i>Cell Death Discovery</i> , 2021, 7, 135.	4.7	9
10	An Advanced <i>In Situ</i> Magnetic Resonance Imaging and Ultrasonic Theranostics Nanocomposite Platform: Crossing the Blood-Brain Barrier and Improving the Suppression of Glioblastoma Using Iron-Platinum Nanoparticles in Nanobubbles. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 26759-26769.	8.0	42
11	Exosomal Components and Modulators in Colorectal Cancer: Novel Diagnosis and Prognosis Biomarkers. <i>Biomedicines</i> , 2021, 9, 931.	3.2	12
12	Galectins in Cancer and the Microenvironment: Functional Roles, Therapeutic Developments, and Perspectives. <i>Biomedicines</i> , 2021, 9, 1159.	3.2	15
13	Stationed or Relocating: The Seesawing EMT/MET Determinants from Embryonic Development to Cancer Metastasis. <i>Biomedicines</i> , 2021, 9, 1265.	3.2	10
14	Magnetically guided theranostics: montmorillonite-based iron/platinum nanoparticles for enhancing in situ MRI contrast and hepatocellular carcinoma treatment. <i>Journal of Nanobiotechnology</i> , 2021, 19, 308.	9.1	16
15	Type V collagen alpha 1 chain promotes the malignancy of glioblastoma through PPRC1-ESM1 axis activation and extracellular matrix remodeling. <i>Cell Death Discovery</i> , 2021, 7, 313.	4.7	22
16	Natural Carbon Nanodots: Toxicity Assessment and Theranostic Biological Application. <i>Pharmaceutics</i> , 2021, 13, 1874.	4.5	27
17	Aldolase A and Phospholipase D1 Synergistically Resist Alkylating Agents and Radiation in Lung Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 811635.	2.8	5
18	Magnetically Guided Theranostics: Optimizing Magnetic Resonance Imaging with Sandwich-Like Kaolinite-Based Iron/Platinum Nanoparticles for Magnetic Fluid Hyperthermia and Chemotherapy. <i>Chemistry of Materials</i> , 2020, 32, 697-708.	6.7	29

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19	Theranostic nanobubble encapsulating a plasmon-enhanced upconversion hybrid nanosystem for cancer therapy. <i>Theranostics</i> , 2020, 10, 782-796.	10.0	46
20	A selective drug delivery system based on phospholipid-type nanobubbles for lung cancer therapy. <i>Nanomedicine</i> , 2020, 15, 2689-2705.	3.3	8
21	Next-Generation Cancer-Specific Hybrid Theranostic Nanomaterials: MAGE3 NIR Persistent Luminescence Nanoparticles Conjugated to Afatinib for In Situ Suppression of Lung Adenocarcinoma Growth and Metastasis. <i>Advanced Science</i> , 2020, 7, 1903741.	11.2	34
22	Magnetic and Ultrasonic Guidance of Iron-Platinum Nanoparticles Encapsulated in Multifunctional Lipid Bubbles for Conquering the Blood-Brain Barrier with Improved Theranostics. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	1
23	Exosome-Encapsulated Persistent Luminescence Nanoparticles Enabled Medicinal Product-Based Drug Delivery System. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
24	Upconversion Nanoparticles Induce Lung Inflammatory, Immunologic and Pulmonary Injury in Vivo. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
25	Development of upconversion nanoparticle-conjugated indium phosphide quantum dot for matrix metalloproteinase-2 cancer transformation sensing. <i>Nanomedicine</i> , 2019, 14, 1791-1804.	3.3	10
26	Graphitic carbon nitride-based nanocomposites and their biological applications: a review. <i>Nanoscale</i> , 2019, 11, 14993-15003.	5.6	72
27	Quantum dots for light conversion, therapeutic and energy storage applications. <i>Journal of Solid State Chemistry</i> , 2019, 270, 71-84.	2.9	16
28	Nano-lipospheres as acoustically active ultrasound contrast agents: evolving tumor imaging and therapy technique. <i>Nanotechnology</i> , 2019, 30, 182001.	2.6	15
29	Near-Infrared-Activated Fluorescence Resonance Energy Transfer-Based Nanocomposite to Sense MMP2-Overexpressing Oral Cancer Cells. <i>ACS Omega</i> , 2018, 3, 1627-1634.	3.5	7
30	Nanobubble-embedded inorganic 808 nm excited upconversion nanocomposites for tumor multiple imaging and treatment. <i>Chemical Science</i> , 2018, 9, 3141-3151.	7.4	53
31	Single 808 nm Laser Treatment Comprising Photothermal and Photodynamic Therapies by Using Gold Nanorods Hybrid Upconversion Particles. <i>Journal of Physical Chemistry C</i> , 2018, 122, 2402-2412.	3.1	74
32	Minimizing the Heat Effect of Photodynamic Therapy Based on Inorganic Nanocomposites Mediated by 808 nm Near-Infrared Light. <i>Small</i> , 2017, 13, 1700038.	10.0	94
33	Photodynamic Therapy: Minimizing the Heat Effect of Photodynamic Therapy Based on Inorganic Nanocomposites Mediated by 808 nm Near-Infrared Light ( <i>Small</i> 21/2017). <i>Small</i> , 2017, 13, .	10.0	0
34	Advanced sensing, imaging, and therapy nanoplatfoms based on Nd <sup>3+</sup> -doped nanoparticle composites exhibiting upconversion induced by 808 nm near-infrared light. <i>Nanoscale</i> , 2017, 9, 18153-18168.	5.6	37
35	Carbon Nitride Quantum Dots and Their Applications. , 2016, , 485-502.		7
36	Near-Infrared Light-Mediated Photodynamic Therapy Nanoplatform by the Electrostatic Assembly of Upconversion Nanoparticles with Graphitic Carbon Nitride Quantum Dots. <i>Inorganic Chemistry</i> , 2016, 55, 10267-10277.	4.0	69

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37	MMP2-sensing up-conversion nanoparticle for fluorescence biosensing in head and neck cancer cells. <i>Biosensors and Bioelectronics</i> , 2016, 80, 131-139.	10.1	42
38	Preparation and identification of multifunctional mesoporous silica nanoparticles for inÂvitro and inÂvivo dual-mode imaging, theranostics, and targeted tracking. <i>Biomaterials</i> , 2015, 46, 149-158.	11.4	121
39	Preparation, characterization, and in vitro evaluation of folate-modified mesoporous bioactive glass for targeted anticancer drug carriers. <i>Journal of Materials Chemistry B</i> , 2013, 1, 6147.	5.8	31