Chi-Fai Chan

List of Publications by Citations

37 papers	1,292 citations	20 h-index	35 g-index
38 ext. papers	1,441 ext. citations	6.3 avg, IF	4.12 L-index

#	Paper	IF	Citations
37	PEG modified BaGdF5:Yb/Er nanoprobes for multi-modal upconversion fluorescent, in vivo X-ray computed tomography and biomagnetic imaging. *Biomaterials*, **2012**, 33, 9232-8	15.6	221
36	Plasmonic enhancement and polarization dependence of nonlinear upconversion emissions from single gold nanorod@SiO@CaF:Yb,Er hybrid core-shell-satellite nanostructures. *Light: Science and Applications*, **2017**, 6, e16217	16.7	110
35	Dual-modal fluorescent/magnetic bioprobes based on small sized upconversion nanoparticles of amine-functionalized BaGdF5:Yb/Er. *Nanoscale*, **2012**, 4, 5118-24	7.7	91
34	Comparative studies of the cellular uptake, subcellular localization, and cytotoxic and phototoxic antitumor properties of ruthenium(II)-porphyrin conjugates with different linkers. *Bioconjugate Chemistry*, **2012**, 23, 1623-38	6.3	84
33	In vitro cell imaging using multifunctional small sized KGdF4:Yb3+,Er3+ upconverting nanoparticles synthesized by a one-pot solvothermal process. *Nanoscale*, **2013**, 5, 3465-73	7.7	82
32	Room temperature molecular up conversion in solution. *Nature Communications*, **2016**, 7, 11978	17.4	65
31	In vivo selective cancer-tracking gadolinium eradicator as new-generation photodynamic therapy agent. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, E5492-7	11.5	63
30	Bifunctional up-converting lanthanide nanoparticles for selective in vitro imaging and inhibition of cyclin D as anti-cancer agents. *Journal of Materials Chemistry B*, **2014**, 2, 84-91	7.3	59
29	A smart "off-on" gate for the detection of hydrogen sulphide with Cu(ii)-assisted europium emission. *Chemical Science*, **2016**, 7, 2151-2156	9.4	51
28	A potential water-soluble ytterbium-based porphyrin-cyclen dual bio-probe for Golgi apparatus imaging and photodynamic therapy. *Chemical Communications*, **2012**, 48, 9646-8	5.8	40
27	A Smart Europium-Ruthenium Complex as Anticancer Prodrug: Controllable Drug Release and Real-Time Monitoring under Different Light Excitations. *Journal of Medicinal Chemistry*, **2017**, 60, 8923-8932	8.3	34
26	Real-time in situ monitoring via europium emission of the photo-release of antitumor cisplatin from a Eu-Pt complex. *Chemical Communications*, **2015**, 51, 14022-5	5.8	33
25	pH-Dependent Cancer-Directed Photodynamic Therapy by a Water-Soluble Graphitic-Phase Carbon Nitride-Porphyrin Nanoprobe. *ChemPlusChem*, **2016**, 81, 535-540	2.8	32
24	Comparative studies of upconversion luminescence characteristics and cell bioimaging based on one-step synthesized upconversion nanoparticles capped with different functional groups. *Journal of Luminescence*, **2015**, 157, 172-178	3.8	31
23	Urinary Polyamines: A Pilot Study on Their Roles as Prostate Cancer Detection Biomarkers. *PLoS ONE*, **2016**, 11, e0162217	3.7	28
22	Photo-reactive charge trapping memory based on lanthanide complex. *Scientific Reports*, **2015**, 5, 14998	4.9	27
21	Reversible and Sensitive Hg Detection by a Cell-Permeable Ytterbium Complex. *Inorganic Chemistry*, **2018**, 57, 120-128	5.1	23

20	Fast uptake, water-soluble, mitochondria-specific erbium complex for a dual function molecular probe Imaging and photodynamic therapy. *RSC Advances*, **2013**, 3, 382-385	3.7	22
19	Highly selective and responsive visible to near-IR ytterbium emissive probe for monitoring mercury(II). *Chemistry - A European Journal*, **2014**, 20, 970-3	4.8	21
18	Porphyrin-based ytterbium complexes targeting anionic phospholipid membranes as selective biomarkers for cancer cell imaging. *Chemical Communications*, **2013**, 49, 7252-4	5.8	20
17	Ultrabright Lanthanide Nanoparticles. *ChemPlusChem*, **2016**, 81, 526-534	2.8	17
16	soform specific erbium complexes highly specific for bladder cancer imaging and photodynamic therapy. *Chemical Communications*, **2017**, 53, 557-560	5.8	15
15	A luminescent lanthanide approach towards direct visualization of primary cilia in living cells. *Chemical Communications*, **2017**, 53, 7084-7087	5.8	14
14	EBNA1-targeted probe for the imaging and growth inhibition of tumours associated with the Epstein Barr virus. *Nature Biomedical Engineering*, **2017**, 1,	19	14
13	Synthesis, singlet-oxygen photogeneration, two-photon absorption, photo-induced DNA cleavage and cytotoxic properties of an amphiphilic Schiff-base linked Ru(II) polypyridyl Porphyrin conjugate. *Journal of Luminescence*, **2014**, 154, 356-361	3.8	14
12	Excitation energy transfer in ruthenium (II)-porphyrin conjugates led to enhanced emission quantum yield and 1 O 2 generation. *Journal of Luminescence*, **2017**, 184, 89-95	3.8	12
11	Gallium and Functionalized-Porphyrins Combine to Form Potential Lysosome-Specific Multimodal Bioprobes. *Inorganic Chemistry*, **2016**, 55, 6839-41	5.1	11
10	EBNA1-specific luminescent small molecules for the imaging and inhibition of latent EBV-infected tumor cells. *Chemical Communications*, **2014**, 50, 6517-9	5.8	11
9	The effects of the increasing number of the same chromophore on photosensitization of water-soluble cyclen-based europium complexes with potential for biological applications. *RSC Advances*, **2015**, 5, 13347-13356	3.7	9
8	Gadolinium and Platinum in Tandem: Real-time Multi-Modal Monitoring of Drug Delivery by MRI and Fluorescence Imaging. *Nanotheranostics*, **2017**, 1, 186-195	5.6	9
7	Directional Plk1 inhibition-driven cell cycle interruption using amphiphilic thin-coated peptide-lanthanide upconversion nanomaterials as in vivo tumor suppressors. *Journal of Materials Chemistry B*, **2015**, 3, 2624-2634	7.3	6
6	Real time detection of cell cycle regulator cyclin A on living tumor cells with europium emission. *Dalton Transactions*, **2013**, 42, 13495-501	4.3	6
5	The Effects of Morphology and Linker Length on the Properties of Peptide anthanide Upconversion Nanomaterials as G2 Phase Cell Cycle Inhibitors. *European Journal of Inorganic Chemistry*, **2015**, 2015, 4539-4545	2.3	6
4	Monitoring and inhibition of Plk1: amphiphilic porphyrin conjugated Plk1 specific peptides for its imaging and anti-tumor function. *Organic and Biomolecular Chemistry*, **2014**, 12, 5876-82	3.9	5
3	Synthesis, characterization, photophysical properties of lanthanide complexes with flexible tripodal carboxylate ligands. *Polyhedron*, **2013**, 52, 939-944	2.7	4

2	Ultrabright Lanthanide Nanoparticles. *ChemPlusChem*, **2016**, 81, 497	2.8	1
1	Blended Learning Approach to Enhance Reflective Higher Order Cognitive Thinking Skills in Students. *Creativity in the Twenty First Century*, **2021**, 121-132	0.2	