

Chi-Fai Chan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Blended Learning Approach to Enhance Reflective Higher Order Cognitive Thinking Skills in Students. <i>Creativity in the Twenty First Century</i> , 2021 , 121-132	0.2	
36	Reversible and Sensitive Hg Detection by a Cell-Permeable Ytterbium Complex. <i>Inorganic Chemistry</i> , 2018 , 57, 120-128	5.1	23
35	Plasmonic enhancement and polarization dependence of nonlinear upconversion emissions from single gold nanorod@SiO@CaF:Yb,Er hybrid core-shell-satellite nanostructures. <i>Light: Science and Applications</i> , 2017 , 6, e16217	16.7	110
34	A luminescent lanthanide approach towards direct visualization of primary cilia in living cells. <i>Chemical Communications</i> , 2017 , 53, 7084-7087	5.8	14
33	EBNA1-targeted probe for the imaging and growth inhibition of tumours associated with the EpsteinBarr virus. <i>Nature Biomedical Engineering</i> , 2017 , 1,	19	14
32	Bsoform specific erbium complexes highly specific for bladder cancer imaging and photodynamic therapy. <i>Chemical Communications</i> , 2017 , 53, 557-560	5.8	15
31	Excitation energy transfer in ruthenium (II)-porphyrin conjugates led to enhanced emission quantum yield and 1 O 2 generation. <i>Journal of Luminescence</i> , 2017 , 184, 89-95	3.8	12
30	A Smart Europium-Ruthenium Complex as Anticancer Prodrug: Controllable Drug Release and Real-Time Monitoring under Different Light Excitations. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 8923-8932	8.3	34
29	Gadolinium and Platinum in Tandem: Real-time Multi-Modal Monitoring of Drug Delivery by MRI and Fluorescence Imaging. <i>Nanotheranostics</i> , 2017 , 1, 186-195	5.6	9
28	Room temperature molecular up conversion in solution. <i>Nature Communications</i> , 2016 , 7, 11978	17.4	65
27	Gallium and Functionalized-Porphyrins Combine to Form Potential Lysosome-Specific Multimodal Bioprobes. <i>Inorganic Chemistry</i> , 2016 , 55, 6839-41	5.1	11
26	A smart "off-on" gate for the detection of hydrogen sulphide with Cu(ii)-assisted europium emission. <i>Chemical Science</i> , 2016 , 7, 2151-2156	9.4	51
25	Urinary Polyamines: A Pilot Study on Their Roles as Prostate Cancer Detection Biomarkers. <i>PLoS ONE</i> , 2016 , 11, e0162217	3.7	28
24	pH-Dependent Cancer-Directed Photodynamic Therapy by a Water-Soluble Graphitic-Phase Carbon Nitride-Porphyrin Nanoprobe. <i>ChemPlusChem</i> , 2016 , 81, 535-540	2.8	32
23	Ultrabright Lanthanide Nanoparticles. <i>ChemPlusChem</i> , 2016 , 81, 526-534	2.8	17
22	Ultrabright Lanthanide Nanoparticles. <i>ChemPlusChem</i> , 2016 , 81, 497	2.8	1
21	Real-time in situ monitoring via europium emission of the photo-release of antitumor cisplatin from a Eu-Pt complex. <i>Chemical Communications</i> , 2015 , 51, 14022-5	5.8	33

20	Directional Plk1 inhibition-driven cell cycle interruption using amphiphilic thin-coated peptide-lanthanide upconversion nanomaterials as in vivo tumor suppressors. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 2624-2634	7.3	6
19	The effects of the increasing number of the same chromophore on photosensitization of water-soluble cyclen-based europium complexes with potential for biological applications. <i>RSC Advances</i> , 2015 , 5, 13347-13356	3.7	9
18	Comparative studies of upconversion luminescence characteristics and cell bioimaging based on one-step synthesized upconversion nanoparticles capped with different functional groups. <i>Journal of Luminescence</i> , 2015 , 157, 172-178	3.8	31
17	The Effects of Morphology and Linker Length on the Properties of Peptide-Lanthanide Upconversion Nanomaterials as G2 Phase Cell Cycle Inhibitors. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 4539-4545	2.3	6
16	Photo-reactive charge trapping memory based on lanthanide complex. <i>Scientific Reports</i> , 2015 , 5, 14998	4.9	27
15	Bifunctional up-converting lanthanide nanoparticles for selective in vitro imaging and inhibition of cyclin D as anti-cancer agents. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 84-91	7.3	59
14	EBNA1-specific luminescent small molecules for the imaging and inhibition of latent EBV-infected tumor cells. <i>Chemical Communications</i> , 2014 , 50, 6517-9	5.8	11
13	Monitoring and inhibition of Plk1: amphiphilic porphyrin conjugated Plk1 specific peptides for its imaging and anti-tumor function. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 5876-82	3.9	5
12	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. <i>Journal of Luminescence</i> , 2014 , 154, 356-361	3.8	14
11	Highly selective and responsive visible to near-IR ytterbium emissive probe for monitoring mercury(II). <i>Chemistry - A European Journal</i> , 2014 , 20, 970-3	4.8	21
10	In vivo selective cancer-tracking gadolinium eradicator as new-generation photodynamic therapy agent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E5492-7	11.5	63
9	Fast uptake, water-soluble, mitochondria-specific erbium complex for a dual function molecular probe - imaging and photodynamic therapy. <i>RSC Advances</i> , 2013 , 3, 382-385	3.7	22
8	Porphyrin-based ytterbium complexes targeting anionic phospholipid membranes as selective biomarkers for cancer cell imaging. <i>Chemical Communications</i> , 2013 , 49, 7252-4	5.8	20
7	Real time detection of cell cycle regulator cyclin A on living tumor cells with europium emission. <i>Dalton Transactions</i> , 2013 , 42, 13495-501	4.3	6
6	In vitro cell imaging using multifunctional small sized KGdF4:Yb3+,Er3+ upconverting nanoparticles synthesized by a one-pot solvothermal process. <i>Nanoscale</i> , 2013 , 5, 3465-73	7.7	82
5	Synthesis, characterization, photophysical properties of lanthanide complexes with flexible tripodal carboxylate ligands. <i>Polyhedron</i> , 2013 , 52, 939-944	2.7	4
4	Comparative studies of the cellular uptake, subcellular localization, and cytotoxic and phototoxic antitumor properties of ruthenium(II)-porphyrin conjugates with different linkers. <i>Bioconjugate Chemistry</i> , 2012 , 23, 1623-38	6.3	84
3	Dual-modal fluorescent/magnetic bioprobes based on small sized upconversion nanoparticles of amine-functionalized BaGdF5:Yb/Er. <i>Nanoscale</i> , 2012 , 4, 5118-24	7.7	91

2	A potential water-soluble ytterbium-based porphyrin-cyclen dual bio-probe for Golgi apparatus imaging and photodynamic therapy. <i>Chemical Communications</i> , 2012 , 48, 9646-8	5.8	40
1	PEG modified BaGdF ₃ /Er nanoprobe for multi-modal upconversion fluorescent, in vivo X-ray computed tomography and biomagnetic imaging. <i>Biomaterials</i> , 2012 , 33, 9232-8	15.6	221