

Chi-Fai Chan

List of Publications by Year in descending order

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37
papers

1,554
citations

331259

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329751

37
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38
docs citations

38
times ranked

2446
citing authors

#	ARTICLE	IF	CITATIONS
1	PEG modified BaGdF5:Yb/Er nanoprobe for multi-modal upconversion fluorescent, in vivo X-ray computed tomography and biomagnetic imaging. <i>Biomaterials</i> , 2012, 33, 9232-9238.	5.7	240
2	Plasmonic enhancement and polarization dependence of nonlinear upconversion emissions from single gold nanorod@SiO2@CaF2:Yb3+,Er3+ hybrid core-shell satellite nanostructures. <i>Light: Science and Applications</i> , 2017, 6, e16217-e16217.	7.7	155
3	Dual-modal fluorescent/magnetic bioprobes based on small sized upconversion nanoparticles of amine-functionalized BaGdF5:Yb/Er. <i>Nanoscale</i> , 2012, 4, 5118.	2.8	96
4	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.	2.8	96
5	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, 1623-1638.	1.8	92
6	Room temperature molecular up conversion in solution. <i>Nature Communications</i> , 2016, 7, 11978.	5.8	83
7	In vivo selective cancer-tracking gadolinium eradicant 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.	3.3	70
8	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.	2.9	67
9	A smart "off-on" gate for the in situ detection of hydrogen sulphide with Cu(II)-assisted europium emission. <i>Chemical Science</i> , 2016, 7, 2151-2156.	3.7	61
10	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.	2.2	49
11	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.	2.9	49
12	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, 14022-14025.	2.2	44
13	Urinary Polyamines: A Pilot Study on Their Roles as Prostate Cancer Detection Biomarkers. <i>PLoS ONE</i> , 2016, 11, e0162217.	1.1	40
14	pH-Dependent Cancer-Directed Photodynamic Therapy by a Water-Soluble Graphitic-Phase Carbon Nitride-Porphyrin Nanoprobe. <i>ChemPlusChem</i> , 2016, 81, 535-540.	1.3	38
15	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.	1.5	36
16	Photo-reactive charge trapping memory based on lanthanide complex. <i>Scientific Reports</i> , 2015, 5, 14998.	1.6	32
17	Reversible and Sensitive Hg2+ Detection by a Cell-Permeable Ytterbium Complex. <i>Inorganic Chemistry</i> , 2018, 57, 120-128.	1.9	29
18	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.	1.7	28

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19	EBNA1-targeted probe for the imaging and growth inhibition of tumours associated with the Epstein-Barr virus. <i>Nature Biomedical Engineering</i> , 2017, 1, .	11.6	27
20	Er^{3+} -Isoform specific erbium complexes highly specific for bladder cancer imaging and photodynamic therapy. <i>Chemical Communications</i> , 2017, 53, 557-560.	2.2	24
21	Highly Selective and Responsive Visible to Near-IR Ytterbium Emissive Probe for Monitoring Mercury(II). <i>Chemistry - A European Journal</i> , 2014, 20, 970-973.	1.7	22
22	Porphyrin-based ytterbium complexes targeting anionic phospholipid membranes as selective biomarkers for cancer cell imaging. <i>Chemical Communications</i> , 2013, 49, 7252.	2.2	21
23	Ultrabright Lanthanide Nanoparticles. <i>ChemPlusChem</i> , 2016, 81, 526-534.	1.3	20
24	A luminescent lanthanide approach towards direct visualization of primary cilia in living cells. <i>Chemical Communications</i> , 2017, 53, 7084-7087.	2.2	20
25	EBNA1-specific luminescent small molecules for the imaging and inhibition of latent EBV-infected tumor cells. <i>Chemical Communications</i> , 2014, 50, 6517-6519.	2.2	16
26	Synthesis, singlet-oxygen photogeneration, two-photon absorption, photo-induced DNA cleavage and cytotoxic properties of an amphiphilic Ir^{2+} -Schiff-base linked Ru(II) polypyridyl-porphyrin conjugate. <i>Journal of Luminescence</i> , 2014, 154, 356-361.	1.5	15
27	Excitation energy transfer in ruthenium (II)-porphyrin conjugates led to enhanced emission quantum yield and 1O_2 generation. <i>Journal of Luminescence</i> , 2017, 184, 89-95.	1.5	15
28	Gallium and Functionalized-Porphyrins Combine to Form Potential Lysosome-Specific Multimodal Bioprobes. <i>Inorganic Chemistry</i> , 2016, 55, 6839-6841.	1.9	13
29	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.	1.7	11
30	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.	2.7	11
31	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.	1.0	8
32	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.	2.9	8
33	Real time detection of cell cycle regulator cyclin A on living tumor cells with europium emission. <i>Dalton Transactions</i> , 2013, 42, 13495.	1.6	6
34	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, 5876-5882.	1.5	5
35	Synthesis, characterization, photophysical properties of lanthanide complexes with flexible tripodal carboxylate ligands. <i>Polyhedron</i> , 2013, 52, 939-944.	1.0	4
36	Ultrabright Lanthanide Nanoparticles. <i>ChemPlusChem</i> , 2016, 81, 497-497.	1.3	2

#	ARTICLE	IF	CITATIONS
37	Approach to Enhance Reflective Higher Order Skills in Students. Creativity in the Twenty First Century, 2021, , 121-132.	0.5	0