

Javier Hernández-Gil

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

608
citations

567281

15
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610901

24
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33
all docs

33
docs citations

33
times ranked

1352
citing authors

#	ARTICLE	IF	CITATIONS
1	Near infrared activation of an anticancer Pt(IV) complex by Tm-doped upconversion nanoparticles. <i>Chemical Communications</i> , 2015, 51, 2091-2094.	4.1	60
2	Synthesis, structure and biological properties of several binary and ternary complexes of copper(II) with ciprofloxacin and 1,10-phenanthroline. <i>Polyhedron</i> , 2009, 28, 138-144.	2.2	56
3	Facile Preparation of Drug-Loaded Tristearin Encapsulated Superparamagnetic Iron Oxide Nanoparticles Using Coaxial Electrospray Processing. <i>Molecular Pharmaceutics</i> , 2017, 14, 2010-2023.	4.6	55
4	DNA binding, nuclease activity, DNA photocleavage and cytotoxic properties of Cu(II) complexes of N-substituted sulfonamides. <i>Journal of Inorganic Biochemistry</i> , 2013, 121, 167-178.	3.5	44
5	Optically and acoustically triggerable sub-micron phase-change contrast agents for enhanced photoacoustic and ultrasound imaging. <i>Photoacoustics</i> , 2017, 6, 26-36.	7.8	44
6	Recent Advances in Radiometals for Combined Imaging and Therapy in Cancer. <i>ChemMedChem</i> , 2021, 16, 2909-2941.	3.2	44
7	An Iron Oxide Nanocarrier Loaded with a Pt(IV) Prodrug and Immunostimulatory dsRNA for Combining Complementary Cancer Killing Effects. <i>Advanced Healthcare Materials</i> , 2015, 4, 1034-1042.	7.6	38
8	A Unique Discrete Tetranuclear Cu ²⁺ –Cu(N-N)2Cu ²⁺ –Cu ²⁺ Copper(II) Complex, Built from a 1/3-1,2,4-Triazolato-1/4-carboxylato Ligand, as an Effective DNA Cleavage Agent. <i>Inorganic Chemistry</i> , 2012, 51, 9809-9819.	4.0	33
9	Design and validation of a new ratiometric intracellular pH imaging probe using lanthanide-doped upconverting nanoparticles. <i>Dalton Transactions</i> , 2017, 46, 13957-13965.	3.3	27
10	Light Harvesting and Photoemission by Nanoparticles for Photodynamic Therapy. <i>Particle and Particle Systems Characterization</i> , 2014, 31, 46-75.	2.3	24
11	Novel Hexanuclear Copper(II) Complex Built from a Simple Tetrachelating Triazole Ligand: Synthesis, Structure, and Magnetism. <i>Inorganic Chemistry</i> , 2013, 52, 2289-2291.	4.0	21
12	Two Novel Ternary Dicopper(II) 1/4-Guanazole Complexes with Aromatic Amines Strongly Activated by Quantum Dots for DNA Cleavage. <i>Inorganic Chemistry</i> , 2014, 53, 578-593.	4.0	20
13	A dinucleating ligand which promotes DNA cleavage with one and without a transition metal ion. <i>Chemical Communications</i> , 2013, 49, 3655.	4.1	17
14	Mn(II) complexes with sulfonamides as ligands. <i>Journal of Inorganic Biochemistry</i> , 2012, 115, 64-71.	3.5	16
15	Two copper complexes from two novel naphthalene-sulfonyl-triazole ligands: Different nuclearity and different DNA binding and cleavage capabilities. <i>Journal of Inorganic Biochemistry</i> , 2013, 125, 50-63.	3.5	16
16	Development of ⁶⁸ Ga-labelled ultrasound microbubbles for whole-body PET imaging. <i>Chemical Science</i> , 2019, 10, 5603-5615.	7.4	13
17	Quantification of Vaporised Targeted Nanodroplets Using High-Frame-Rate Ultrasound and Optics. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 1131-1142.	1.5	12
18	Synergy between quantum dots and 1,10-phenanthroline–copper(ii) complex towards cleaving DNA. <i>Chemical Communications</i> , 2011, 47, 2955.	4.1	11

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19	3-D Microvascular Imaging Using High Frame Rate Ultrasound and ASAP Without Contrast Agents: Development and Initial <i>In Vivo</i> Evaluation on Nontumor and Tumor Models. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2019, 66, 939-948.	3.0	11
20	Acoustic response of targeted nanodroplets post-activation using high frame rate imaging. , 2017, , .		9
21	Probing T_1 – T_2 interactions and their imaging implications through a thermally responsive nanoprobe. <i>Nanoscale</i> , 2017, 9, 11318-11326.	5.6	8
22	Hexanuclear Cu_3O – $3Cu$ triazole-based units as novel core motifs for high nuclearity copper(ii) frameworks. <i>RSC Advances</i> , 2019, 9, 29357-29367.	3.6	6
23	Photoacoustic Super-Resolution Imaging using Laser Activation of Low-Boiling-Point Dye-Coated Nanodroplets <i>in vitro</i> and <i>in vivo</i> . , 2019, , .		5
24	Leveraging synthetic chlorins for bio-imaging applications. <i>Chemical Communications</i> , 2020, 56, 12608-12611.	4.1	5
25	N-(5-Amino-1H-1,2,4-triazol-3-yl)pyridine-2-carboxamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o227-o228.	0.2	4
26	Bimodal Imaging of Mouse Peripheral Nerves with Chlorin Tracers. <i>Molecular Pharmaceutics</i> , 2021, 18, 940-951.	4.6	3
27	A kit-based aluminium- ^{18}F fluoride approach to radiolabelled microbubbles. <i>Chemical Communications</i> , 2021, 57, 11677-11680.	4.1	3
28	Multi-frame rate plane wave contrast-enhanced ultrasound imaging for tumour vascular imaging and perfusion quantification. , 2017, , .		2
29	Investigating CXCR4 expression of tumor cells and the vascular compartment: A multimodal approach. <i>PLoS ONE</i> , 2021, 16, e0260186.	2.5	1
30	Acoustic response of phase change contrast agents targeted with breast cancer cells immediately after ultrasonic activation using ultrafast imaging. , 2017, , .		0
31	Multi-frame rate plane wave contrast-enhance ultrasound imaging for tumour vasculature imaging and perfusion quantification. , 2017, , .		0
32	Notice of Removal: Optically and acoustically triggerable sub-micron phase-change contrast agents for enhanced photoacoustic and ultrasound imaging. , 2017, , .		0