# Javier HernÃ¡ndez-Gil

List of Publications by Year
in descending order



Version: 2024-02-01

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|---|---|---|---|
| 32 papers | 608 citations | 567281 15 h-index | 610901 24 g-index |
| 33 all docs | 33 docs citations | 33 times ranked | 1352 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Bimodal Imaging of Mouse Peripheral Nerves with Chlorin Tracers. Molecular Pharmaceutics, 2021, 18, 940-951. | 4.6 | 3 |
| 2 | Recent Advances in Radiometals for Combined Imaging and Therapy in Cancer. ChemMedChem, 2021, 16, 2909-2941. | 3.2 | 44 |
| 3 | A kit-based aluminium-[<sup>18</sup>F]fluoride approach to radiolabelled microbubbles. Chemical Communications, 2021, 57, 11677-11680. | 4.1 | 3 |
| 4 | Investigating CXCR4 expression of tumor cells and the vascular compartment: A multimodal approach. PLoS ONE, 2021, 16, e0260186. | 2.5 | 1 |
| 5 | Leveraging synthetic chlorins for bio-imaging applications. Chemical Communications, 2020, 56, 12608-12611. | 4.1 | 5 |
| 6 | Development of<sup>68</sup>Ga-labelled ultrasound microbubbles for whole-body PET imaging. Chemical Science, 2019, 10, 5603-5615. | 7.4 | 13 |
| 7 | 3-D Microvascular Imaging Using High Frame Rate Ultrasound and ASAP Without Contrast Agents: Development and Initial In Vivo Evaluation on Nontumor and Tumor Models. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2019, 66, 939-948. | 3.0 | 11 |
| 8 | Quantification of Vaporised Targeted Nanodroplets Using High-Frame-Rate Ultrasound and Optics. Ultrasound in Medicine and Biology, 2019, 45, 1131-1142. | 1.5 | 12 |
| 9 | Photoacoustic Super-Resolution Imaging using Laser Activation of Low-Boiling-Point Dye-Coated Nanodroplets in vitro and in vivo. , 2019, , . | | 5 |
| 10 | Hexanuclear Cu3Oâ€“3Cu triazole-based units as novel core motifs for high nuclearity copper(ii) frameworks. RSC Advances, 2019, 9, 29357-29367. | 3.6 | 6 |
| 11 | Facile Preparation of Drug-Loaded Tristearin Encapsulated Superparamagnetic Iron Oxide Nanoparticles Using Coaxial Electrospray Processing. Molecular Pharmaceutics, 2017, 14, 2010-2023. | 4.6 | 55 |
| 12 | Optically and acoustically triggerable sub-micron phase-change contrast agents for enhanced photoacoustic and ultrasound imaging. Photoacoustics, 2017, 6, 26-36. | 7.8 | 44 |
| 13 | Design and validation of a new ratiometric intracellular pH imaging probe using lanthanide-doped upconverting nanoparticles. Dalton Transactions, 2017, 46, 13957-13965. | 3.3 | 27 |
| 14 | Probing T<sub>1</sub>â€“T<sub>2</sub> interactions and their imaging implications through a thermally responsive nanoprobe. Nanoscale, 2017, 9, 11318-11326. | 5.6 | 8 |
| 15 | Acoustic response of targeted nanodroplets post-activation using high frame rate imaging. , 2017, , . | | 9 |
| 16 | Multi-frame rate plane wave contrast-enhanced ultrasound imaging for tumour vascular imaging and perfusion quantification. , 2017, , . | | 2 |
| 17 | Acoustic response of phase change contrast agents targeted with breast cancer cells immediately after ultrasonic activation using ultrafast imaging. , 2017, , . | | 0 |
| 18 | Multi-frame rate plane wave contrast-enhance ultrasound imaging for tumour vasculature imaging and perfusion quantification. , 2017, , . | | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Notice of Removal: Optically and acoustically triggerable sub-micron phase-change contrast agents for enhanced photoacoustic and ultrasound imaging. , 2017, , . | | 0 |
| 20 | An Iron Oxide Nanocarrier Loaded with a Pt(IV) Prodrug and Immunostimulatory dsRNA for Combining Complementary Cancer Killing Effects. Advanced Healthcare Materials, 2015, 4, 1034-1042. | 7.6 | 38 |
| 21 | Near infrared activation of an anticancer PtIV complex by Tm-doped upconversion nanoparticles. Chemical Communications, 2015, 51, 2091-2094. | 4.1 | 60 |
| 22 | Light Harvesting and Photoemission by Nanoparticles for Photodynamic Therapy. Particle and Particle Systems Characterization, 2014, 31, 46-75. | 2.3 | 24 |
| 23 | Two Novel Ternary Dicopper(II) Î¼-Guanazole Complexes with Aromatic Amines Strongly Activated by Quantum Dots for DNA Cleavage. Inorganic Chemistry, 2014, 53, 578-593. | 4.0 | 20 |
| 24 | A dinucleating ligand which promotes DNA cleavage with one and without a transition metal ion. Chemical Communications, 2013, 49, 3655. | 4.1 | 17 |
| 25 | Novel Hexanuclear Copper(II) Complex Built from a Simple Tetrachelating Triazole Ligand: Synthesis, Structure, and Magnetism. Inorganic Chemistry, 2013, 52, 2289-2291. | 4.0 | 21 |
| 26 | DNA binding, nuclease activity, DNA photocleavage and cytotoxic properties of Cu(II) complexes of N-substituted sulfonamides. Journal of Inorganic Biochemistry, 2013, 121, 167-178. | 3.5 | 44 |
| 27 | Two copper complexes from two novel naphthalene-sulfonyl-triazole ligands: Different nuclearity and different DNA binding and cleavage capabilities. Journal of Inorganic Biochemistry, 2013, 125, 50-63. | 3.5 | 16 |
| 28 | N-(5-Amino-1H-1,2,4-triazol-3-yl)pyridine-2-carboxamide. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o227-o228. | 0.2 | 4 |
| 29 | Mn(II) complexes with sulfonamides as ligands.. Journal of Inorganic Biochemistry, 2012, 115, 64-71. | 3.5 | 16 |
| 30 | A Unique Discrete Tetranuclear Cuâ€²â€“Cu(N-N)2Cuâ€“Cuâ€² Copper(II) Complex, Built from a Î¼3-1,2,4-Triazolato-Î¼-carboxylato Ligand, as an Effective DNA Cleavage Agent. Inorganic Chemistry, 2012, 51, 9809-9819. | 4.0 | 33 |
| 31 | Synergy between quantum dots and 1,10-phenanthrolineâ€“copper(ii) complex towards cleaving DNA. Chemical Communications, 2011, 47, 2955. | 4.1 | 11 |
| 32 | Synthesis, structure and biological properties of several binary and ternary complexes of copper(II) with ciprofloxacin and 1,10 phenanthroline. Polyhedron, 2009, 28, 138-144. | 2.2 | 56 |