Sally E Plush

List of Publications by Year
in descending order

53	1,571	304368	301761
papers	citations	22 h-index	39 g-index

57	57	57	1981
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of an optical fiberâ€based redox monitoring system for tissue metabolism. Journal of Biophotonics, 2022, 15, e202100304.	1.1	3
2	Rhenium(I) conjugates as tools for tracking cholesterol in cells. Metallomics, 2022, 14, .	1.0	4
3	In utero substrate restriction by placental insufficiency or maternal undernutrition decreases optical redox ratio in foetal perirenal fat. Journal of Biophotonics, 2021, 14, e202000322.	1.1	4
4	Concept Design, Development and Preliminary Physical and Chemical Characterization of Tamoxifen-Guided-Mesoporous Silica Nanoparticles. Molecules, 2021, 26, 219.	1.7	8
5	Functionalized Mesoporous Silica Nanoparticles as Delivery Systems for Doxorubicin: Drug Loading and Release. Applied Sciences (Switzerland), 2021, 11, 6121.	1.3	7
6	Spectroscopic and Molecular Docking Study of the Interaction between Neutral Re(I) Tetrazolate Complexes and Bovine Serum Albumin. Chemistry - A European Journal, 2021, 27, 11406-11417.	1.7	9
7	Neutral Re(I) Complex Platform for Live Intracellular Imaging. Inorganic Chemistry, 2021, 60, 10173-10185.	1.9	10
8	Redox ratio in the left ventricle of the growth restricted fetus is positively correlated with cardiac output. Journal of Biophotonics, 2021, 14, e202100157.	1.1	9
9	Detecting metabolic differences in fetal and adult sheep adipose and skeletal muscle tissues. Journal of Biophotonics, 2020, 13, e201960085.	1.1	10
10	Cross-Coupling of Amide and Amide Derivatives to Umbelliferone Nonaflates: Synthesis of Coumarin Derivatives and Fluorescent Materials. Journal of Organic Chemistry, 2020, 85, 7986-7999.	1.7	12
11	Novel Tamoxifen Nanoformulations for Improving Breast Cancer Treatment: Old Wine in New Bottles. Molecules, 2020, 25, 1182.	1.7	41
12	Photophysical and Biological Properties of Iridium Tetrazolato Complexes Functionalised with Fatty Acid Chains. Inorganics, 2020, 8, 23.	1.2	4
13	Visualizing Biomaterial Degradation by Candida albicans Using Embedded Luminescent Molecules To Report on Substrate Digestion and Cellular Uptake of Hydrolysate. ACS Applied Bio Materials, 2019, 2, 3934-3941.	2.3	0
14	A Practical Guide to Prepare and Synthetically Modify Graphene Quantum Dots. Advanced Functional Materials, 2019, 29, 1808740.	7.8	81
15	A rapid technique to determine performance and efficiency of activated carbon water filters. Water Science and Technology: Water Supply, 2018, 18, 371-382.	1.0	7
16	Labelâ€free imaging of healthy and infarcted fetal sheep hearts by twoâ€photon microscopy. Journal of Biophotonics, 2018, 11, e201600296.	1.1	6
17	Labelâ€free imaging of redox status and collagen deposition showing metabolic differences in the heart. Journal of Biophotonics, 2018, 11, e201700242.	1.1	6
18	Synthesis, photophysical and cellular characterisation of folate and methotrexate labelled luminescent lanthanide complexes. Journal of Inorganic Biochemistry, 2018, 178, 32-42.	1.5	9

#	Article	IF	Citations
19	Bright lights down under: Metal ion complexes turning the spotlight on metabolic processes at the cellular level. Coordination Chemistry Reviews, 2018, 375, 234-255.	9.5	9
20	Norbornane-based cationic antimicrobial peptidomimetics targeting the bacterial membrane. European Journal of Medicinal Chemistry, 2018, 160, 9-22.	2.6	22
21	Mitochondrial imaging in live or fixed tissues using a luminescent iridium complex. Scientific Reports, 2018, 8, 8191.	1.6	29
22	Luminescent protein staining with Re(<scp>i</scp>) tetrazolato complexes. Dalton Transactions, 2018, 47, 9400-9410.	1.6	11
23	Lipid profiles of prostate cancer cells. Oncotarget, 2018, 9, 35541-35552.	0.8	31
24	Singlet Oxygen Detection on a Nanostructured Porous Silicon Thin Film via Photonic Luminescence Enhancements. Langmuir, 2017, 33, 8606-8613.	1.6	15
25	Crosslinked shells for nano-assembled capsules: a new encapsulation method for smaller Gd3+-loaded capsules with exceedingly high relaxivities. Chemical Communications, 2017, 53, 6355-6358.	2.2	7
26	A europium-based â€˜off-onâ€™ colourimetric detector of singlet oxygen. Inorganica Chimica Acta, 2017, 462, 236-240.	1.2	11
27	Investigating Intracellular Localisation and Cytotoxicity Trends for Neutral and Cationic Iridium Tetrazolato Complexes in Live Cells. Chemistry - A European Journal, 2017, 23, 15666-15679.	1.7	53
28	Novel Gd-Loaded Silicon Nanohybrid: A Potential Epidermal Growth Factor Receptor Expressing Cancer Cell Targeting Magnetic Resonance Imaging Contrast Agent. ACS Applied Materials & Interfaces, 2017, 9, 42601-42611.	4.0	20
29	Imaging and lipidomics methods for lipid analysis in metabolic and cardiovascular disease. Journal of Developmental Origins of Health and Disease, 2017, 8, 566-574.	0.7	3
30	Intracellular distribution and stability of a luminescent rhenium(<scp>i</scp>) tricarbonyl tetrazolato complex using epifluorescence microscopy in conjunction with X-ray fluorescence imaging. Metallomics, 2017, 9, 382-390.	1.0	31
31	A Molecular Probe for the Detection of Polar Lipids in Live Cells. PLoS ONE, 2016, 11, e0161557.	1.1	29
32	Imaging nuclear, endoplasmic reticulum and plasma membrane events in real time. FEBS Letters, 2016, 590, 3051-3060.	1.3	22
33	Unprecedented staining of polar lipids by a luminescent rhenium complex revealed by FTIR microspectroscopy in adipocytes. Molecular BioSystems, 2016, 12, 2064-2068.	2.9	26
34	Recent Advances on Luminescent Enhancement-Based Porous Silicon Biosensors. Pharmaceutical Research, 2016, 33, 2314-2336.	1.7	46
35	Tri- and tetra-substituted cyclen based lanthanide(<scp>iii</scp>) ion complexes as ribonuclease mimics: a study into the effect of logâ€‰K_a, hydration and hydrophobicity on phosphodiester hydrolysis of the RNA-model 2-hydroxypropyl-4-nitrophenyl phosphate (HPNP). Organic and Biomolecular Chemistry, 2015, 13, 5804-5816.	1.5	7
36	Biomolecule detection in porous silicon based microcavitiesviaeuropium luminescence enhancement. Journal of Materials Chemistry B, 2014, 2, 7694-7703.	2.9	21

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37	Synthesis and characterisation of folic acid based lanthanide ion probes. Inorganica Chimica Acta, 2014, 410, 11-19.	1.2	6
38	Lanthanide Luminescence Enhancements in Porous Silicon Resonant Microcavities. ACS Applied Materials & Interfaces, 2014, 6, 12012-12021.	4.0	49
39	Modulation of the organelle specificity in Re(<scp>i</scp>) tetrazolato complexes leads to labeling of lipid droplets. RSC Advances, 2014, 4, 16345-16351.	1.7	48
40	Synthesis and Characterisation of First Generation Luminescent Lanthanide Complexes Suitable for Being Adapted for Uptake via the Mannose Receptor. Chinese Journal of Inorganic Chemistry, 2013, 2013, 1-8.	0.2	5
41	The effect on the lanthanide luminescence of structurally simple Eu(iii) cyclen complexes upon deprotonation of metal bound water molecules and amide based pendant arms. Dalton Transactions, 2010, 39, 3644.	1.6	24
42	Fluorescent ligands derived from 2-(9-anthrylmethylamino)ethyl-appended cyclen for use in metal ion activated molecular receptors. Inorganica Chimica Acta, 2009, 362, 3097-3103.	1.2	12
43	Nanoassembled Capsules as Delivery Vehicles for Large Payloads of High Relaxivity Gd3+ Agents. Journal of the American Chemical Society, 2009, 131, 15918-15923.	6.6	39
44	Solution studies of trimetallic lanthanide luminescent anion sensors: towards ratiometric sensing using an internal reference channel. Dalton Transactions, 2008, , 3801.	1.6	69
45	Luminescent Sensing of Dicarboxylates in Water by a Bismacrocyclic Dinuclear Eu(III) Conjugate. Organic Letters, 2007, 9, 1919-1922.	2.4	96
46	Lanthanide luminescent anion sensing: evidence of multiple anion recognition through hydrogen bonding and metal ion coordination. Chemical Communications, 2007, , 3389.	2.2	92
47	pH driven self-assembly of a ternary lanthanide luminescence complex: the sensing of anions using a Î²-diketonate-Eu(iii) displacement assay. Chemical Communications, 2007, , 129-131.	2.2	145
48	Selective mono N-alkylations of cyclen in one step syntheses. Tetrahedron Letters, 2007, 48, 8052-8055.	0.7	46
49	Tuning the properties of cyclen based lanthanide complexes for phosphodiester hydrolysis; the role of basic cofactors. Chemical Communications, 2006, , 3791.	2.2	43
50	Soft Matter pH Sensing:Â From Luminescent Lanthanide pH Switches in Solution to Sensing in Hydrogels. Chemistry of Materials, 2006, 18, 4336-4343.	3.2	105
51	A Dinuclear Lanthanide Complex for the Recognition of Bis(carboxylates):â€‰ Formation of Terbium(III) Luminescent Self-Assembly Ternary Complexes in Aqueous Solution. Inorganic Chemistry, 2006, 45, 9465-9474.	1.9	95
52	Supramolecular Self-Assembly of Mixed fâ^'d Metal Ion Conjugates. Organic Letters, 2006, 8, 2727-2730.	2.4	63
53	Aminoacid N-substituted 1,4,7-triazacyclononane and 1,4,7,10-tetraazacyclododecane Zn2+, Cd2+ and Cu2+ complexes. A preparative, potentiometric titration and NMR spectroscopic studyElectronic supplementary information (ESI) available: Titration curve for H333+ alone and in the presence of Zn2+, Cd2+ and Cu2+. Fig. S2: Distribution variation of 3 and derived species with pH in the presence of Zn2+. See http://www.rsc.org/suppdata/dt/b4/b401763c/. Dalton Transactions, 2004, , 1410.	1.6	11