

# Graeme J Stasiuk

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

1,202  
citations

361413

20  
h-index

377865

34  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1862  
citing authors

#	ARTICLE	IF	CITATIONS
1	The ubiquitous DOTA and its derivatives: the impact of 1,4,7,10-tetraazacyclododecane-1,4,7,10-tetraacetic acid on biomedical imaging. <i>Chemical Communications</i> , 2013, 49, 2732.	4.1	173
2	Cell-Permeable Ln(III) Chelate-Functionalized InP Quantum Dots As Multimodal Imaging Agents. <i>ACS Nano</i> , 2011, 5, 8193-8201.	14.6	87
3	Current advances in ligand design for inorganic positron emission tomography tracers <sup>68</sup> Ga, <sup>64</sup> Cu, <sup>89</sup> Zr and <sup>44</sup> Sc. <i>Dalton Transactions</i> , 2016, 45, 15702-15724.	3.3	81
4	NIR-quantum dots in biomedical imaging and their future. <i>IScience</i> , 2021, 24, 102189.	4.1	80
5	Changing the local coordination environment in mono- and bi-nuclear lanthanide complexes through click-chemistry. <i>Dalton Transactions</i> , 2009, , 6283.	3.3	73
6	Dual-Modal Magnetic Resonance/Fluorescent Zinc Probes for Pancreatic $\beta$ -Cell Mass Imaging. <i>Chemistry - A European Journal</i> , 2015, 21, 5023-5033.	3.3	57
7	Lanthanide(III) Complexes of Rhodamine-DO3A Conjugates as Agents for Dual-Modal Imaging. <i>Inorganic Chemistry</i> , 2013, 52, 14284-14293.	4.0	43
8	Tuning the relaxation rates of dual-mode $T_1/T_2$ nanoparticle contrast agents: a study into the ideal system. <i>Nanoscale</i> , 2015, 7, 16119-16128.	5.6	40
9	Recent developments in molecular sensor designs for inorganic pyrophosphate detection and biological imaging. <i>Coordination Chemistry Reviews</i> , 2021, 431, 213744.	18.8	40
10	A Single-Pot Template Reaction Towards a Manganese-Based $T_1$ Contrast Agent. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10736-10744.	13.8	38
11	Smart magnetic resonance imaging-based theranostics for cancer. <i>Theranostics</i> , 2021, 11, 8706-8737.	10.0	37
12	Gd <sup>3+</sup> cFLFLFK conjugate for MRI: a targeted contrast agent for FPR1 in inflammation. <i>Chemical Communications</i> , 2013, 49, 564-566.	4.1	34
13	Pancreatic $\beta$ -cell imaging in humans: fiction or option?. <i>Diabetes, Obesity and Metabolism</i> , 2016, 18, 6-15.	4.4	33
14	Click chemistry with lanthanide complexes: a word of caution. <i>Dalton Transactions</i> , 2009, , 9725.	3.3	32
15	Multimetallic Complexes and Functionalized Gold Nanoparticles Based on a Combination of d- and f-Elements. <i>Inorganic Chemistry</i> , 2014, 53, 1989-2005.	4.0	32
16	Long-term ambient air-stable cubic CsPbBr <sub>3</sub> perovskite quantum dots using molecular bromine. <i>Nanoscale Advances</i> , 2019, 1, 3388-3391.	4.6	30
17	The use of yttrium in medical imaging and therapy: historical background and future perspectives. <i>Chemical Society Reviews</i> , 2020, 49, 6169-6185.	38.1	30
18	Optimizing the relaxivity of Gd(III) complexes appended to InP/ZnS quantum dots by linker tuning. <i>Dalton Transactions</i> , 2013, 42, 8197.	3.3	26

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19	Towards understanding the design of dual-modal MR/fluorescent probes to sense zinc ions. Dalton Transactions, 2015, 44, 4976-4985.	3.3	22
20	A <sup>18</sup> F radiolabelled Zn( <sup>ii</sup> ) sensing fluorescent probe. Chemical Communications, 2018, 54, 3227-3230.	4.1	21
21	Synthesis of super bright indium phosphide colloidal quantum dots through thermal diffusion. Communications Chemistry, 2019, 2, .	4.5	20
22	<sup>99m</sup> Tc SPECT imaging agent based on cFLFLFK for the detection of FPR1 in inflammation. Dalton Transactions, 2015, 44, 4986-4993.	3.3	19
23	Selective radiolabelling with <sup>68</sup> Ga under mild conditions: a route towards a porphyrin PET/PDT theranostic agent. Chemical Communications, 2018, 54, 7952-7954.	4.1	19
24	Synthesis, structures and cytotoxicity studies of p-sulfonatocalix[4]arene lanthanide complexes. CrystEngComm, 2016, 18, 4977-4987.	2.6	17
25	Polyfunctionalised Nanoparticles Bearing Robust Gadolinium Surface Units for High Relaxivity Performance in MRI. Chemistry - A European Journal, 2019, 25, 10895-10906.	3.3	13
26	Tunable NIR-II emitting silver chalcogenide quantum dots using thio/selenourea precursors: preparation of an MRI/NIR-II multimodal imaging agent. Dalton Transactions, 2020, 49, 15425-15432.	3.3	12
27	Amino acid based gallium-68 chelators capable of radiolabeling at neutral pH. Dalton Transactions, 2017, 46, 16973-16982.	3.3	11
28	A Dual-Modal SERS/Fluorescence Gold Nanoparticle Probe for Mitochondrial Imaging. ChemPlusChem, 2017, 82, 674-680.	2.8	10
29	Synthesis of a porphyrin with histidine-like chelate: an efficient path towards molecular PDT/SPECT theranostics. Chemical Communications, 2020, 56, 11090-11093.	4.1	9
30	Combined Magnetic Resonance Imaging and Photodynamic Therapy Using Polyfunctionalised Nanoparticles Bearing Robust Gadolinium Surface Units. Chemistry - A European Journal, 2020, 26, 4552-4566.	3.3	9
31	Gallium: New developments and applications in radiopharmaceutics. Advances in Inorganic Chemistry, 2021, 78, 1-35.	1.0	9
32	Novel imaging chelates for drug discovery. Current Opinion in Pharmacology, 2012, 12, 576-582.	3.5	7
33	Evaluation of a Bispidine-Based Chelator for Gallium-68 and of the Porphyrin Conjugate as PET/PDT Theranostic Agent. Chemistry - A European Journal, 2020, 26, 7602-7608.	3.3	6
34	Water-Soluble Rhenium Phosphine Complexes Incorporating the Ph <sub>2</sub> C(X) Motif (X = O <sup>2-</sup> , NH <sup>+</sup> ): Structural and Cytotoxicity Studies. Inorganic Chemistry, 2020, 59, 2367-2378.	4.0	6
35	Metallostar Assemblies Based on Dithiocarbamates for Use as MRI Contrast Agents. Inorganic Chemistry, 2020, 59, 10813-10823.	4.0	4
36	Scandium calix[n]arenes (n = 4, 6, 8): structural, cytotoxicity and ring opening polymerization studies. Dalton Transactions, 2021, 50, 8302-8306.	3.3	4

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37	Design of gadolinium complexes as magnetic resonance imaging contrast agents. <i>Organometallic Chemistry</i> , 2020, , 83-110.	0.6	4
38	Adsorption trajectories of nonspherical particles at liquid interfaces. <i>Physical Review E</i> , 2021, 103, 042604.	2.1	3
39	Using adsorption kinetics to assemble vertically aligned nanorods at liquid interfaces for metamaterial applications. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 11000-11013.	2.8	3
40	How to Study Basement Membrane Stiffness as a Biophysical Trigger in Prostate Cancer and Other Age-related Pathologies or Metabolic Diseases. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	2
41	A Single- $\text{Cu}^{\text{II}}$ Template Reaction Towards a Manganese-Based T <sub>1</sub> Contrast Agent. <i>Angewandte Chemie</i> , 2021, 133, 10831-10839.	2.0	2
42	Single Photon Emission Computed Tomography Imaging Agents for Formyl Peptide Receptors 1 and 2. <i>FASEB Journal</i> , 2012, 26, .	0.5	2
43	Synthesis, characterisation and ROP catalytic evaluation of Cu(II) complexes bearing 2,2'-diphenylglycine-derived moieties. <i>Polyhedron</i> , 2021, 195, 114977.	2.2	1
44	Practical Considerations of Dissolved Oxygen Levels for Platelet Function under Hypoxia. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13223.	4.1	1
45	Metal Complexes as T <sub>1</sub> MRI Contrast Agents. , 2021, , 741-770.		0