

Ross W Boyle

List of Publications by Year in descending order

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18
papers

355
citations

840776

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839539

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times ranked

704
citing authors

#	ARTICLE	IF	CITATIONS
1	Photosensitizer Antibody-Drug Conjugates: Past, Present, and Future. <i>Bioconjugate Chemistry</i> , 2019, 30, 975-993.	3.6	61
2	Synthesis and Characterization of Temperature-Sensitive and Chemically Cross-Linked Poly(<i>N</i> -isopropylacrylamide)/Photosensitizer Hydrogels for Applications in Photodynamic Therapy. <i>Biomacromolecules</i> , 2018, 19, 1592-1601.	5.4	51
3	In vitro cytotoxicity of a library of BODIPY-anthracene and -pyrene dyads for application in photodynamic therapy. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 495-504.	2.9	44
4	Assembly of High-Potency Photosensitizer-Antibody Conjugates through Application of Dendron Multiplier Technology. <i>Bioconjugate Chemistry</i> , 2018, 29, 176-181.	3.6	27
5	A convenient method for multicolour labelling of proteins with BODIPY fluorophores via tyrosine residues. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 1260-1267.	2.9	26
6	Synthesis and bactericidal properties of porphyrins immobilized in a polyacrylamide support: influence of metal complexation on photoactivity. <i>Journal of Materials Chemistry B</i> , 2017, 5, 1834-1845.	5.8	23
7	Selective radiolabelling with ⁶⁸ Ga under mild conditions: a route towards a porphyrin PET/PDT theranostic agent. <i>Chemical Communications</i> , 2018, 54, 7952-7954.	4.1	19
8	Delayed release singlet oxygen sensitizers based on pyridone-appended porphyrins. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 1371-1374.	2.9	18
9	Photoimmunotherapy Using Cationic and Anionic Photosensitizer-Antibody Conjugates against HIV Env-Expressing Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9151.	4.1	18
10	Synthesis of a novel HER2 targeted aza-BODIPY-antibody conjugate: synthesis, photophysical characterisation and <i>in vitro</i> evaluation. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 1144-1149.	2.8	17
11	Photoinduced Photosensitizer-Antibody Conjugates Kill HIV Env-Expressing Cells, Also Inactivating HIV. <i>ACS Omega</i> , 2021, 6, 16524-16534.	3.5	14
12	Synthesis of a porphyrin with histidine-like chelate: an efficient path towards molecular PDT/SPECT theranostics. <i>Chemical Communications</i> , 2020, 56, 11090-11093.	4.1	9
13	Synthesis and <i>In Vitro</i> Biological Evaluation of a Second-Generation Multimodal Water-Soluble Porphyrin-RAPTA Conjugate for the Dual-Therapy of Cancers. <i>Inorganic Chemistry</i> , 2020, 59, 7884-7893.	4.0	8
14	Homo- and Heterodinuclear Arene-Linked Osmium(II) and Ruthenium(II) Organometallics: Probing the Impact of Metal Variation on Reactivity and Biological Activity. <i>Chemistry - A European Journal</i> , 2020, 26, 11593-11603.	3.3	7
15	Photo-induced anticancer activity and singlet oxygen production of prodigiosenes. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 599-606.	2.9	4
16	The Application of Reversible Intramolecular Sulfonamide Ligation to Modulate Reactivity in Organometallic Ruthenium(II) Diamine Complexes. <i>Molecules</i> , 2020, 25, 244.	3.8	4
17	Bio-Orthogonal Conjugation of a Cationic Metalloporphyrin to BSA and HSA via Click-Chemistry. <i>ChemBioChem</i> , 2021, 22, 2624-2631.	2.6	3
18	RAPTA-Decorated Polyacrylamide Nanoparticles: Exploring their Synthesis, Physical Properties and Effect on Cell Viability. <i>ChemBioChem</i> , 2021, 22, 931-936.	2.6	2