

Christopher A Derosa

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Regioregular Polymers from Biobased (<i>meta</i>)-1,3-Butylene Carbonate. <i>Macromolecules</i> , 2021, 54, 5974-5984.	4.8	9
2	Oxygen-Sensing Biomaterial Construct for Clinical Monitoring of Wound Healing. <i>Advances in Skin and Wound Care</i> , 2020, 33, 428-436.	1.0	6
3	Step-Growth Polyesters with Biobased (<i>meta</i>)-1,3-Butanediol. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 15598-15613.	3.7	13
4	Labelling primary immune cells using bright blue fluorescent nanoparticles. <i>Biomaterials Science</i> , 2020, 8, 1897-1909.	5.4	9
5	Biosurfactant-Mediated Membrane Depolarization Maintains Viability during Oxygen Depletion in <i>Bacillus subtilis</i> . <i>Current Biology</i> , 2020, 30, 1011-1022.e6.	3.9	41
6	Dual-emissive, oxygen-sensing boron nanoparticles quantify oxygen consumption rate in breast cancer cells. <i>Journal of Biomedical Optics</i> , 2020, 25, .	2.6	6
7	Amplified Heavy-Atom Free Phosphorescence from <i>meta</i> -Dimethoxy Difluoroboron \hat{I}^2 -Diketonate Charge-Transfer Materials. <i>Journal of Physical Chemistry C</i> , 2019, 123, 20488-20496.	3.1	18
8	Supercooled Liquid \hat{I}^2 -Diketones with Mechanoresponsive Emission. <i>Journal of Physical Chemistry C</i> , 2019, 123, 25788-25800.	3.1	15
9	Environment-Sensitive Azepane-Substituted \hat{I}^2 -Diketones and Difluoroboron Complexes with Restricted C-C Bond Rotation. <i>Journal of Physical Chemistry C</i> , 2019, 123, 23124-23130.	3.1	5
10	Methoxy-Substituted Difluoroboron Benzoylacetone Complexes with Color-Tunable Phosphorescence. <i>ChemPhotoChem</i> , 2019, 3, 31-36.	3.0	13
11	Phosphorescence Tuning through Heavy Atom Placement in Unsymmetrical Difluoroboron \hat{I}^2 -Diketonate Materials. <i>Chemistry - A European Journal</i> , 2018, 24, 1859-1869.	3.3	37
12	Modified VEGF-A mRNA induces sustained multifaceted microvascular response and accelerates diabetic wound healing. <i>Scientific Reports</i> , 2018, 8, 17509.	3.3	80
13	<i>Meta</i> -Dimethoxy-Substituted Difluoroboron Dibenzoylmethane Poly(Lactic Acid) Nanoparticles for Luminescence Anisotropy. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1800240.	2.2	1
14	Luminescent Difluoroboron \hat{I}^2 -Diketonate PLA-PEG Nanoparticle. <i>Biomacromolecules</i> , 2017, 18, 551-561.	5.4	30
15	Multi-stimuli responsive luminescent azepane-substituted \hat{I}^2 -diketones and difluoroboron complexes. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1866-1874.	5.9	44
16	Oxygen-Sensing Difluoroboron Thienyl Phenyl \hat{I}^2 -Diketonate Poly lactides. <i>ChemPlusChem</i> , 2017, 82, 399-406.	2.8	22
17	Meta-Alkoxy-Substituted Difluoroboron Dibenzoylmethane Complexes as Environment-Sensitive Materials. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 32008-32017.	8.0	45
18	Difluoroboron \hat{I}^2 -diketonate materials with long-lived phosphorescence enable lifetime based oxygen imaging with a portable cost effective camera. <i>Analytical Methods</i> , 2016, 8, 3109-3114.	2.7	61

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19	Thienyl Difluoroboron $\hat{\text{I}}^2$ -Diketonates in Solution and Polylactide Media. Australian Journal of Chemistry, 2016, 69, 537.	0.9	19
20	Blue thermally activated delayed fluorescence from a biphenyl difluoroboron $\hat{\text{I}}^2$ -diketonate. RSC Advances, 2016, 6, 81631-81635.	3.6	36
21	Oxygen Sensing Difluoroboron $\hat{\text{I}}^2$ -Diketonate Polylactide Materials with Tunable Dynamic Ranges for Wound Imaging. ACS Sensors, 2016, 1, 1366-1373.	7.8	104
22	Modulating Mechanochromic Luminescence Quenching of Alkylated Iodo Difluoroboron Dibenzoylmethane Materials. Journal of Physical Chemistry C, 2016, 120, 14289-14300.	3.1	36
23	Oxygen Sensing Difluoroboron Dinaphthoylmethane Polylactide. Macromolecules, 2015, 48, 2967-2977.	4.8	117
24	Tailoring Oxygen Sensitivity with Halide Substitution in Difluoroboron Dibenzoylmethane Polylactide Materials. ACS Applied Materials & Interfaces, 2015, 7, 23633-23643.	8.0	72
25	Dual-Emissive Difluoroboron Naphthyl-Phenyl $\hat{\text{I}}^2$ -Diketonate Polylactide Materials: Effects of Heavy Atom Placement and Polymer Molecular Weight. Macromolecules, 2014, 47, 3736-3746.	4.8	86