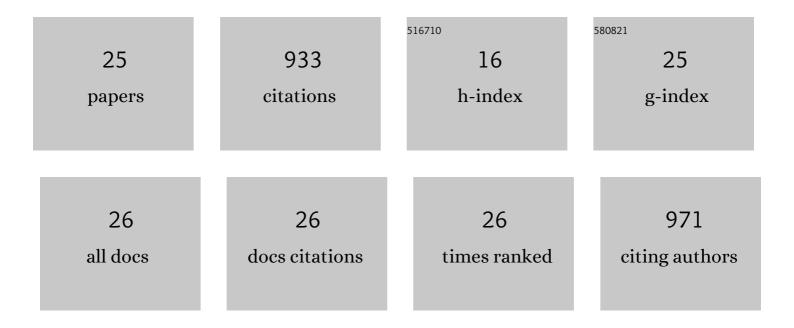
## Christopher A Derosa

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Oxygen Sensing Difluoroboron Dinaphthoylmethane Polylactide. Macromolecules, 2015, 48, 2967-2977.	4.8	117
2	Oxygen Sensing Difluoroboron β-Diketonate Polylactide Materials with Tunable Dynamic Ranges for Wound Imaging. ACS Sensors, 2016, 1, 1366-1373.	7.8	104
3	Dual-Emissive Difluoroboron Naphthyl-Phenyl β-Diketonate Polylactide Materials: Effects of Heavy Atom Placement and Polymer Molecular Weight. Macromolecules, 2014, 47, 3736-3746.	4.8	86
4	Modified VEGF-A mRNA induces sustained multifaceted microvascular response and accelerates diabetic wound healing. Scientific Reports, 2018, 8, 17509.	3.3	80
5	Tailoring Oxygen Sensitivity with Halide Substitution in Difluoroboron Dibenzoylmethane Polylactide Materials. ACS Applied Materials & Interfaces, 2015, 7, 23633-23643.	8.0	72
6	Difluoroboron β-diketonate materials with long-lived phosphorescence enable lifetime based oxygen imaging with a portable cost effective camera. Analytical Methods, 2016, 8, 3109-3114.	2.7	61
7	Meta-Alkoxy-Substituted Difluoroboron Dibenzoylmethane Complexes as Environment-Sensitive Materials. ACS Applied Materials & Interfaces, 2017, 9, 32008-32017.	8.0	45
8	Multi-stimuli responsive luminescent azepane-substituted β-diketones and difluoroboron complexes. Materials Chemistry Frontiers, 2017, 1, 1866-1874.	5.9	44
9	Biosurfactant-Mediated Membrane Depolarization Maintains Viability during Oxygen Depletion in Bacillus subtilis. Current Biology, 2020, 30, 1011-1022.e6.	3.9	41
10	Phosphorescence Tuning through Heavy Atom Placement in Unsymmetrical Difluoroboron βâ€Điketonate Materials. Chemistry - A European Journal, 2018, 24, 1859-1869.	3.3	37
11	Blue thermally activated delayed fluorescence from a biphenyl difluoroboron β-diketonate. RSC Advances, 2016, 6, 81631-81635.	3.6	36
12	Modulating Mechanochromic Luminescence Quenching of Alkylated Iodo Difluoroboron Dibenzoylmethane Materials. Journal of Physical Chemistry C, 2016, 120, 14289-14300.	3.1	36
13	Luminescent Difluoroboron β-Diketonate PLA–PEG Nanoparticle. Biomacromolecules, 2017, 18, 551-561.	5.4	30
14	Oxygenâ€Sensing Difluoroboron Thienyl Phenyl βâ€Diketonate Polylactides. ChemPlusChem, 2017, 82, 399-406.	2.8	22
15	Thienyl Difluoroboron β-Diketonates in Solution and Polylactide Media. Australian Journal of Chemistry, 2016, 69, 537.	0.9	19
16	Amplified Heavy-Atom Free Phosphorescence from <i>meta</i> -Dimethoxy Difluoroboron β-Diketonate Charge-Transfer Materials. Journal of Physical Chemistry C, 2019, 123, 20488-20496.	3.1	18
17	Supercooled Liquid β-Diketones with Mechanoresponsive Emission. Journal of Physical Chemistry C, 2019, 123, 25788-25800.	3.1	15
18	Methoxyâ€Substituted Difluoroboron Benzoylacetonate Complexes with Colorâ€Tunable Phosphorescence. ChemPhotoChem, 2019, 3, 31-36.	3.0	13

#	Article	IF	CITATIONS
19	Step-Growth Polyesters with Biobased ( <i>R</i> )-1,3-Butanediol. Industrial & Engineering Chemistry Research, 2020, 59, 15598-15613.	3.7	13
20	Labelling primary immune cells using bright blue fluorescent nanoparticles. Biomaterials Science, 2020, 8, 1897-1909.	5.4	9
21	Regioregular Polymers from Biobased ( <i>R</i> )-1,3-Butylene Carbonate. Macromolecules, 2021, 54, 5974-5984.	4.8	9
22	Oxygen-Sensing Biomaterial Construct for Clinical Monitoring of Wound Healing. Advances in Skin and Wound Care, 2020, 33, 428-436.	1.0	6
23	Dual-emissive, oxygen-sensing boron nanoparticles quantify oxygen consumption rate in breast cancer cells. Journal of Biomedical Optics, 2020, 25, .	2.6	6
24	Environment-Sensitive Azepane-Substituted β-Diketones and Difluoroboron Complexes with Restricted C–C Bond Rotation. Journal of Physical Chemistry C, 2019, 123, 23124-23130.	3.1	5
25	<i>Meta</i> â€Dimethoxyâ€Substituted Difluoroboron Dibenzoylmethane Poly(Lactic Acid) Nanoparticles for Luminescence Anisotropy. Macromolecular Chemistry and Physics, 2018, 219, 1800240.	2.2	1