

# Christopher A Derosa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8245154/publications.pdf>

Version: 2024-02-01

25  
papers

933  
citations

516710

16  
h-index

580821

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

971  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxygen Sensing Difluoroboron Dinaphthoymethane Polylactide. <i>Macromolecules</i> , 2015, 48, 2967-2977.	4.8	117
2	Oxygen Sensing Difluoroboron $\hat{I}^2$ -Diketonate Polylactide Materials with Tunable Dynamic Ranges for Wound Imaging. <i>ACS Sensors</i> , 2016, 1, 1366-1373.	7.8	104
3	Dual-Emissive Difluoroboron Naphthyl-Phenyl $\hat{I}^2$ -Diketonate Polylactide Materials: Effects of Heavy Atom Placement and Polymer Molecular Weight. <i>Macromolecules</i> , 2014, 47, 3736-3746.	4.8	86
4	Modified VEGF-A mRNA induces sustained multifaceted microvascular response and accelerates diabetic wound healing. <i>Scientific Reports</i> , 2018, 8, 17509.	3.3	80
5	Tailoring Oxygen Sensitivity with Halide Substitution in Difluoroboron Dibenzoylmethane Polylactide Materials. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 23633-23643.	8.0	72
6	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
7	Meta-Alkoxy-Substituted Difluoroboron Dibenzoylmethane Complexes as Environment-Sensitive Materials. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 32008-32017.	8.0	45
8	Multi-stimuli responsive luminescent azepane-substituted $\hat{I}^2$ -diketonates and difluoroboron complexes. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1866-1874.	5.9	44
9	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
10	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
11	Blue thermally activated delayed fluorescence from a biphenyl difluoroboron $\hat{I}^2$ -diketonate. <i>RSC Advances</i> , 2016, 6, 81631-81635.	3.6	36
12	Modulating Mechanochromic Luminescence Quenching of Alkylated Iodo Difluoroboron Dibenzoylmethane Materials. <i>Journal of Physical Chemistry C</i> , 2016, 120, 14289-14300.	3.1	36
13	Luminescent Difluoroboron $\hat{I}^2$ -Diketonate PLA-PEG Nanoparticle. <i>Biomacromolecules</i> , 2017, 18, 551-561.	5.4	30
14	Oxygen Sensing Difluoroboron Thienyl Phenyl $\hat{I}^2$ -Diketonate Polylactides. <i>ChemPlusChem</i> , 2017, 82, 399-406.	2.8	22
15	Thienyl Difluoroboron $\hat{I}^2$ -Diketonates in Solution and Polylactide Media. <i>Australian Journal of Chemistry</i> , 2016, 69, 537.	0.9	19
16	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
17	Supercooled Liquid $\hat{I}^2$ -Diketonates with Mechanoresponsive Emission. <i>Journal of Physical Chemistry C</i> , 2019, 123, 25788-25800.	3.1	15
18	Methoxy-Substituted Difluoroboron Benzoylacetate Complexes with Color-Tunable Phosphorescence. <i>ChemPhotoChem</i> , 2019, 3, 31-36.	3.0	13

#	ARTICLE	IF	CITATIONS
19	Step-Growth Polyesters with Biobased ( <i>R</i> )-1,3-Butanediol. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 15598-15613.	3.7	13
20	Labelling primary immune cells using bright blue fluorescent nanoparticles. <i>Biomaterials Science</i> , 2020, 8, 1897-1909.	5.4	9
21	Regioregular Polymers from Biobased ( <i>R</i> )-1,3-Butylene Carbonate. <i>Macromolecules</i> , 2021, 54, 5974-5984.	4.8	9
22	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
23	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
24	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
25	<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