

# Felipe Larrain Benavides

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3336110/publications.pdf>

Version: 2024-02-01

9  
papers

528  
citations

1307594

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1474206

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docs citations

9  
times ranked

862  
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-area low-noise flexible organic photodiodes for detecting faint visible light. <i>Science</i> , 2020, 370, 698-701.	12.6	235
2	Solution-based electrical doping of semiconducting polymer films over a limited depth. <i>Nature Materials</i> , 2017, 16, 474-480.	27.5	121
3	A Study on Reducing Contact Resistance in Solution-Processed Organic Field-Effect Transistors. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 24744-24752.	8.0	77
4	Stable solvent for solution-based electrical doping of semiconducting polymer films and its application to organic solar cells. <i>Energy and Environmental Science</i> , 2018, 11, 2216-2224.	30.8	32
5	Skin-like low-noise elastomeric organic photodiodes. <i>Science Advances</i> , 2021, 7, eabj6565.	10.3	30
6	Self-forming electrode modification in organic field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2016, 4, 8297-8303.	5.5	14
7	Efficient Electrical Doping of Organic Semiconductors Via an Orthogonal Liquid-Liquid Contact. <i>Advanced Functional Materials</i> , 2021, 31, 2009660.	14.9	10
8	Increasing Volume in Conjugated Polymers to Facilitate Electrical Doping with Phosphomolybdic Acid. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 23260-23267.	8.0	5
9	Morphology of Organic Semiconductors Electrically Doped from Solution Using Phosphomolybdic Acid. <i>Chemistry of Materials</i> , 2019, 31, 6677-6683.	6.7	4