

Felipe Larrain Benavides

List of Publications by Year in descending order

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9
papers

528
citations

1307594

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1474206

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all docs

9
docs citations

9
times ranked

862
citing authors

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