

Vicent Lloret

List of Publications by Year in descending order

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17
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759055

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18
times ranked

1486
citing authors

#	ARTICLE	IF	CITATIONS
1	Fundamental Insights into the Degradation and Stabilization of Thin Layer Black Phosphorus. Journal of the American Chemical Society, 2017, 139, 10432-10440.	6.6	232
2	Noncovalent Functionalization of Black Phosphorus. Angewandte Chemie - International Edition, 2016, 55, 14557-14562.	7.2	199
3	Noncovalent Functionalization of Black Phosphorus. Angewandte Chemie, 2016, 128, 14777-14782.	1.6	71
4	Exploring the Formation of Black Phosphorus Intercalation Compounds with Alkali Metals. Angewandte Chemie - International Edition, 2017, 56, 15267-15273.	7.2	69
5	Few layer 2D pnictogens catalyze the alkylation of soft nucleophiles with esters. Nature Communications, 2019, 10, 509.	5.8	61
6	Lattice Opening upon Bulk Reductive Covalent Functionalization of Black Phosphorus. Angewandte Chemie - International Edition, 2019, 58, 5763-5768.	7.2	60
7	Monolayer black phosphorus by sequential wet-chemical surface oxidation. RSC Advances, 2019, 9, 3570-3576.	1.7	28
8	Noncovalent Functionalization and Passivation of Black Phosphorus with Optimized Perylene Diimides for Hybrid Field Effect Transistors. Advanced Materials Interfaces, 2020, 7, 2001290.	1.9	19
9	Interface Amorphization of Two-Dimensional Black Phosphorus upon Treatment with Diazonium Salts. Chemistry - A European Journal, 2021, 27, 3361-3366.	1.7	15
10	Few-layer Black Phosphorous Catalyzes Radical Additions to Alkenes Faster than Low-valence Metals. ChemCatChem, 2020, 12, 2226-2232.	1.8	14
11	Exploring the Formation of Black Phosphorus Intercalation Compounds with Alkali Metals. Angewandte Chemie, 2017, 129, 15469-15475.	1.6	12
12	Gitter-Öffnung durch reduktive kovalente Volumen-Funktionalisierung von schwarzem Phosphor. Angewandte Chemie, 2019, 131, 5820-5826.	1.6	12
13	Acid Catalysis with Alkane/Water Microdroplets in Ionic Liquids. JACS Au, 2021, 1, 786-794.	3.6	12
14	Topology-Driven Reductive Silylation of Synthetic Carbon Allotropes. Journal of the American Chemical Society, 2016, 138, 15642-15647.	6.6	8
15	Isomerically Pure Star-Shaped Triphenylene-Perylene Hybrids Involving Highly Extended Conjugation. Chemistry - A European Journal, 2018, 24, 4671-4679.	1.7	8
16	Controlling the Formation of Sodium/Black Phosphorus Intercalation Compounds Towards High Sodium Content. Batteries and Supercaps, 2021, 4, 1304-1309.	2.4	3
17	Organic Field Effect Transistors: Noncovalent Functionalization and Passivation of Black Phosphorus with Optimized Perylene Diimides for Hybrid Field Effect Transistors (Adv. Mater.) Tj ETQq1 1 0.784314.gBT /Overlock 10		