

# Le Bai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10220480/publications.pdf>

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papers

645  
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1163117  
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359  
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#	ARTICLE	IF	CITATIONS
1	Interfacial Defect Passivation and Stress Release via Multi-Active-Site Ligand Anchoring Enables Efficient and Stable Methylammonium-Free Perovskite Solar Cells. ACS Energy Letters, 2021, 6, 2526-2538.	17.4	170
2	Interfacial defect passivation and stress release by multifunctional KPF6 modification for planar perovskite solar cells with enhanced efficiency and stability. Chemical Engineering Journal, 2021, 418, 129375.	12.7	157
3	Multifunctional organic ammonium salt-modified SnO <sub>2</sub> nanoparticles toward efficient and stable planar perovskite solar cells. Journal of Materials Chemistry A, 2021, 9, 3940-3951.	10.3	146
4	Passivating buried interface via self-assembled novel sulfonium salt toward stable and efficient perovskite solar cells. Chemical Engineering Journal, 2022, 431, 133209.	12.7	74
5	Interfacial defect passivation by novel phosphonium salts yields 22% efficiency perovskite solar cells: Experimental and theoretical evidence. EcoMat, 2022, 4, .	11.9	35
6	Simultaneous Passivation of Bulk and Interface Defects with Gradient 2D/3D Heterojunction Engineering for Efficient and Stable Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2022, 14, 21079-21088.	8.0	26
7	Crystal Orientation Modulation and Defect Passivation for Efficient and Stable Methylammonium-Free Dion-Jacobson Quasi-2D Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2021, 13, 29567-29575.	8.0	24
8	Self-Formed Multifunctional Grain Boundary Passivation Layer Achieving 22.4% Efficient and Stable Perovskite Solar Cells. Solar Rrl, 2022, 6, .	5.8	13