

# Kang Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7665627/publications.pdf>

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17  
papers

731  
citations

623734

14  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1329  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrinsic polaronic photocarrier dynamics in hematite. <i>Physical Review B</i> , 2021, 103, .	3.2	17
2	Intrachain and Interchain Excitonâ€“Exciton Annihilation in Donorâ€“Acceptor Copolymers. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 3928-3933.	4.6	16
3	Interplay between Intrachain and Interchain Excited States in Donorâ€“Acceptor Copolymers. <i>Journal of Physical Chemistry B</i> , 2021, 125, 7470-7476.	2.6	10
4	Asymmetric Glycolated Substitution for Enhanced Permittivity and Ecocompatibility of High-Performance Photovoltaic Electron Acceptor. <i>Jacs Au</i> , 2021, 1, 1733-1742.	7.9	47
5	Tuning Spin-Polarized Lifetime in Two-Dimensional Metalâ€“Halide Perovskite through Exciton Binding Energy. <i>Journal of the American Chemical Society</i> , 2021, 143, 19438-19445.	13.7	42
6	Individual Electron and Hole Mobilities in Lead-Halide Perovskites Revealed by Noncontact Methods. <i>ACS Energy Letters</i> , 2020, 5, 47-55.	17.4	37
7	Micro-Heterogeneous Annihilation Dynamics of Self-Trapped Excitons in Hematite Single Crystals. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 7867-7873.	4.6	15
8	Enhancing Charge Transport of 2D Perovskite Passivation Agent for Wideâ€“Bandgap Perovskite Solar Cells Beyond 21%. <i>Solar Rrl</i> , 2020, 4, 2070065.	5.8	2
9	Enhancing Charge Transport of 2D Perovskite Passivation Agent for Wideâ€“Bandgap Perovskite Solar Cells Beyond 21%. <i>Solar Rrl</i> , 2020, 4, 2000082.	5.8	79
10	Ultrafast Reaction Mechanisms in Perovskite Based Photocatalytic Câ€“C Coupling. <i>ACS Energy Letters</i> , 2020, 5, 566-571.	17.4	61
11	Both Free and Trapped Carriers Contribute to Photocurrent of Sb<sub>2</sub>Se<sub>3</sub> Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4881-4887.	4.6	47
12	Ultrafast probes at the interfaces of solar energy conversion materials. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 16399-16407.	2.8	31
13	Enhancing electron diffusion length in narrow-bandgap perovskites for efficient monolithic perovskite tandem solar cells. <i>Nature Communications</i> , 2019, 10, 4498.	12.8	234
14	Enabling Lithium-Metal Anode Encapsulated in a 3D Carbon Skeleton with a Superior Rate Performance and Capacity Retention in Full Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 35296-35305.	8.0	19
15	A novel Ni(OH) <sub>2</sub> /graphene nanosheets electrode with high capacitance and excellent cycling stability for pseudocapacitors. <i>Journal of Power Sources</i> , 2016, 333, 156-163.	7.8	49
16	Preparation of fluffy graphene nanosheets from coal-tar pitch with nano-Al <sub>2</sub> O <sub>3</sub> as filler. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 117, 354-356.	5.5	17
17	Preparation of near net-shape carbon foams from allyl COPNA-modified bismaleimide resin: Structures and properties. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 117, 125-131.	5.5	8