

# Yeongkwon Kang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11820091/publications.pdf>

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14  
papers

216  
citations

1040056

9  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

216  
citing authors

#	ARTICLE	IF	CITATIONS
1	Graded heterojunction of perovskite/dopant-free polymeric hole-transport layer for efficient and stable metal halide perovskite devices. <i>Nano Energy</i> , 2020, 78, 105159.	16.0	36
2	p-Type Redox-Active Organic Electrode Materials for Next-Generation Rechargeable Batteries. <i>Advanced Energy and Sustainability Research</i> , 2022, 3, .	5.8	35
3	High Efficiency Doping of Conjugated Polymer for Investigation of Intercorrelation of Thermoelectric Effects with Electrical and Morphological Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 1151-1158.	8.0	32
4	Exploring Wholly Doped Conjugated Polymer Films Based on Hybrid Doping: Strategic Approach for Optimizing Electrical Conductivity and Related Thermoelectric Properties. <i>Advanced Functional Materials</i> , 2020, 30, 2004598.	14.9	32
5	NO <sub>2</sub> -Affinitive Conjugated Polymer for Selective Sub-Parts-Per-Billion NO <sub>2</sub> Detection in a Field-Effect Transistor Sensor. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 31910-31918.	8.0	15
6	Instantaneous detection of explosive and toxic nitroaromatic compounds via donor-acceptor complexation. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9257-9262.	5.5	13
7	Morphology and charge recombination effects on the performance of near-infrared photodetectors based on conjugated polymers. <i>Organic Electronics</i> , 2019, 64, 274-279.	2.6	13
8	Doping characteristics of isoindoloindole-based conjugated polymer toward robust transformable organic conductor. <i>Organic Electronics</i> , 2019, 75, 105435.	2.6	12
9	Side-chain engineering of conjugated polymers toward highly efficient near-infrared organic photo-detectors via morphology and dark current management. <i>Journal of Materials Chemistry C</i> , 2020, 8, 7765-7771.	5.5	10
10	Instantaneous Detection of Trichlorinated Carbon via Photo-Induced Electron Transfer toward Chemosensor for Toxic Organochlorides. <i>ACS Sensors</i> , 2018, 3, 1831-1837.	7.8	8
11	Facile In-situ Polymerization of Thermotropic Liquid Crystalline Polymers as Thermally Conductive Matrix Materials. <i>Fibers and Polymers</i> , 2018, 19, 1143-1149.	2.1	5
12	Synthesis and properties of mono- and di-fluoro-substituted 2,3-didodecylquinoxaline-based polymers for polymer solar cells. <i>Journal of Polymer Science Part A</i> , 2019, 57, 545-552.	2.3	2
13	Synthesis and Characterization of Novel D-A Conjugated Polymers Based on Fluorinated Quinoxaline and Thiophene Series for Polymer Solar Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 5802-5805.	0.9	1
14	Synthesis of Alkyl-Substituted Quinoxaline-Based Copolymers Along with Photophysical Property Modulation for Polymer Solar Cells. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1800117.	2.2	0