

Ji-Eun Jeong

List of Publications by Year in descending order

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39
papers

1,429
citations

516561

16
h-index

330025

37
g-index

39
all docs

39
docs citations

39
times ranked

2088
citing authors

#	ARTICLE	IF	CITATIONS
19	Rational Design of Carbazole- and Carboline-Based Polymeric Host Materials for Realizing High-Efficiency Solution-Processed Thermally Activated Delayed Fluorescence Organic Light-Emitting Diode. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 8485-8494.	4.0	21
20	Achievement of high efficiency with extremely low efficiency roll-off in solution-processed thermally activated delayed fluorescence OLEDs manufactured using xanthone-based bipolar host materials. <i>Journal of Materials Chemistry C</i> , 2020, 8, 6780-6787.	2.7	26
21	Chromenopyrazole-based bipolar host materials for solution-processable thermally activated delayed fluorescence OLEDs exhibiting high efficiency and low roll-off. <i>Chemical Communications</i> , 2019, 55, 12952-12955.	2.2	16
22	An excellent bipolar host material exhibiting EQE of 24.0% with small efficiency roll-off in solution-processable thermally activated delayed fluorescence OLEDs. <i>Journal of Materials Chemistry C</i> , 2019, 7, 13930-13938.	2.7	18
23	Enhanced Electron Transfer Mediated by Conjugated Polyelectrolyte and Its Application to Washing-Free DNA Detection. <i>Journal of the American Chemical Society</i> , 2018, 140, 2409-2412.	6.6	20
24	Control of electrostatic interaction between a molecular beacon aptamer and conjugated polyelectrolyte for detection range-tunable ATP assay. <i>Polymer Chemistry</i> , 2017, 8, 6329-6334.	1.9	5
25	An Ionic 1,4-Bis(styryl)benzene-Based Fluorescent Probe for Mercury(II) Detection in Water via Deprotection of the Thioacetal Group. <i>Sensors</i> , 2016, 16, 2082.	2.1	7
26	Modulation of Charge Density of Cationic Conjugated Polyelectrolytes for Improving the FRET-Induced Sensory Signal with Enhanced On/Off Ratio. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 459-466.	1.1	2
27	Enhanced Polarization Ratio of Electrospun Nanofibers with Increased Intrachain Order by Postsolvent Treatments. <i>Journal of Physical Chemistry B</i> , 2016, 120, 12981-12987.	1.2	6
28	A Nonconventional Approach to Patterned Nanoarrays of DNA Strands for Template-Assisted Assembly of Polyfluorene Nanowires. <i>Small</i> , 2016, 12, 4254-4263.	5.2	13
29	Nanowires: A Nonconventional Approach to Patterned Nanoarrays of DNA Strands for Template-Assisted Assembly of Polyfluorene Nanowires (<i>Small</i> 31/2016). <i>Small</i> , 2016, 12, 4160-4160.	5.2	0
30	Synthesis and Characterization of Water-Soluble Conjugated Oligoelectrolytes for Near-Infrared Fluorescence Biological Imaging. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 15937-15947.	4.0	29
31	Benzodithiophene-thiophene-based photovoltaic polymers with different side-chains. <i>Journal of Polymer Science Part A</i> , 2015, 53, 854-862.	2.5	15
32	Principal factors that determine the extension of detection range in molecular beacon aptamer/conjugated polyelectrolyte bioassays. <i>Chemical Science</i> , 2015, 6, 1887-1894.	3.7	11
33	Synthesis and optical properties of pH-responsive conjugated polyampholytes. <i>Macromolecular Research</i> , 2015, 23, 457-465.	1.0	8
34	Conjugated Polyelectrolyte and Aptamer Based Potassium Assay via Single- and Two-Step Fluorescence Energy Transfer with a Tunable Dynamic Detection Range. <i>Advanced Functional Materials</i> , 2014, 24, 1748-1757.	7.8	31
35	Carbazole linked phenylquinoline-based fullerene derivatives as acceptors for bulk heterojunction polymer solar cells: effect of interfacial contacts on device performance. <i>Journal of Materials Chemistry A</i> , 2014, 2, 6916.	5.2	21
36	Semi-crystalline photovoltaic polymers with efficiency exceeding 9% in a $\sim 1/4$ 300 nm thick conventional single-cell device. <i>Energy and Environmental Science</i> , 2014, 7, 3040-3051.	15.6	600

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37	Combination of conjugated polyelectrolytes and biomolecules: A new optical platform for highly sensitive and selective chemo- and biosensors. <i>Macromolecular Research</i> , 2014, 22, 461-473.	1.0	11
38	The effect of hydrogen on the electric properties of amorphous InGaZnO with varying Zn content. <i>Journal of the Korean Physical Society</i> , 2013, 63, 209-213.	0.3	3
39	Ratiometric Fluorescent Ion Detection in Water with High Sensitivity via Aggregation-Mediated Fluorescence Resonance Energy Transfer Using a Conjugated Polyelectrolyte as an Optical Platform. <i>Macromolecular Rapid Communications</i> , 2013, 34, 772-778.	2.0	14