

# Robert J Ono

## List of Publications by Year in descending order

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34  
papers

1,705  
citations

304743

22  
h-index

377865

34  
g-index

34  
all docs

34  
docs citations

34  
times ranked

3011  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable temperature- and shear-responsive hydrogels based on poly(alkyl glycidyl ether)s. <i>Polymer International</i> , 2019, 68, 1238-1246.	3.1	19
2	Injectable Coacervate Hydrogel for Delivery of Anticancer Drug-Loaded Nanoparticles in vivo. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 13274-13282.	8.0	63
3	Cross-linkable multi-stimuli responsive hydrogel inks for direct-write 3D printing. <i>Polymer Chemistry</i> , 2017, 8, 4199-4206.	3.9	53
4	Biodegradable Strain-Promoted Click Hydrogels for Encapsulation of Drug-Loaded Nanoparticles and Sustained Release of Therapeutics. <i>Biomacromolecules</i> , 2017, 18, 2277-2285.	5.4	32
5	Tuning the Selectivity of Biodegradable Antimicrobial Cationic Polycarbonates by Exchanging the Counter-Anion. <i>Macromolecular Bioscience</i> , 2016, 16, 1360-1367.	4.1	25
6	Facile carbohydrate-mimetic modifications of poly(ethylene imine) carriers for gene delivery applications. <i>Polymer Chemistry</i> , 2016, 7, 5862-5872.	3.9	9
7	Expanding the Cationic Polycarbonate Platform: Attachment of Sulfonium Moieties by Postpolymerization Ring Opening of Epoxides. <i>ACS Macro Letters</i> , 2016, 5, 1247-1252.	4.8	24
8	Oligomeric interface modifiers in hybrid polymer solar cell prototypes investigated by fluorescence voltage spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 10640-10647.	2.8	6
9	An insight into non-emissive excited states in conjugated polymers. <i>Nature Communications</i> , 2015, 6, 8246.	12.8	48
10	Biodegradable Block Copolyelectrolyte Hydrogels for Tunable Release of Therapeutics and Topical Antimicrobial Skin Treatment. <i>ACS Macro Letters</i> , 2015, 4, 886-891.	4.8	19
11	Enhancing the Biocompatibility and Biodegradability of Linear Poly(ethylene imine) through Controlled Oxidation. <i>Macromolecules</i> , 2015, 48, 7420-7427.	4.8	21
12	Brush-Like Polycarbonates Containing Dopamine, Cations, and PEG Providing a Broad-Spectrum, Antibacterial, and Antifouling Surface via One-Step Coating. <i>Advanced Materials</i> , 2014, 26, 7346-7351.	21.0	227
13	Synthesis of a Donor-Acceptor Diblock Copolymer via Two Mechanistically Distinct, Sequential Polymerizations Using a Single Catalyst. <i>Macromolecular Rapid Communications</i> , 2014, 35, 204-209.	3.9	19
14	Antimicrobial hydrogels: A new weapon in the arsenal against multidrug-resistant infections. <i>Advanced Drug Delivery Reviews</i> , 2014, 78, 46-62.	13.7	233
15	Benzyl Chloride-Functionalized Polycarbonates: A Versatile Platform for the Synthesis of Functional Biodegradable Polycarbonates. <i>Macromolecules</i> , 2014, 47, 7725-7731.	4.8	41
16	Excitonic Energy Migration in Conjugated Polymers: The Critical Role of Interchain Morphology. <i>Journal of the American Chemical Society</i> , 2014, 136, 16023-16031.	13.7	41
17	Synthesis of poly(3-hexylthiophene)-block-poly(ethylene)-block-poly(3-hexylthiophene) via a combination of ring-opening olefin metathesis polymerization and grignard metathesis polymerization. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3810-3817.	2.3	12
18	Controlled Catalyst Transfer Polycondensation and Surface-Initiated Polymerization of a p-Phenyleneethynylene-Based Monomer. <i>Journal of the American Chemical Society</i> , 2013, 135, 4984-4987.	13.7	98

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19	Effect of interfacial dipoles on charge traps in organic-inorganic hybrid solar cells. <i>Journal of Materials Chemistry A</i> , 2013, 1, 3258.	10.3	9
20	Mimicking Conjugated Polymer Thin-Film Photophysics with a Well-Defined Triblock Copolymer in Solution. <i>Journal of Physical Chemistry B</i> , 2013, 117, 4170-4176.	2.6	20
21	Effect of the Side-Chain Distribution Density on the Single-Conjugated Polymer Chain Conformation. <i>ChemPhysChem</i> , 2013, 14, 4143-4148.	2.1	28
22	Electrochemistry and electrogenerated chemiluminescence of thiophene and fluorene oligomers. Benzoyl peroxide as a coreactant for oligomerization of thiophene dimers. <i>Chemical Science</i> , 2012, 3, 2628.	7.4	26
23	Conformational Effect on Energy Transfer in Single Polythiophene Chains. <i>Journal of Physical Chemistry B</i> , 2012, 116, 9866-9872.	2.6	27
24	Controlled Chain-Growth Kumada Catalyst Transfer Polycondensation of a Conjugated Alternating Copolymer. <i>Macromolecules</i> , 2012, 45, 2321-2326.	4.8	60
25	Oligothiophene Nanoparticles: Photophysical and Electrogenerated Chemiluminescence Studies. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 2035-2038.	4.6	21
26	Porphyran oligothiophene conjugates as additives for P3HT/PCBM solar cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 18956.	6.7	9
27	Synthesis of conjugated diblock copolymers: two mechanistically distinct, sequential living polymerizations using a single catalyst. <i>Polymer Chemistry</i> , 2012, 3, 874.	3.9	42
28	Synthesis and self-assembly of poly(3-hexylthiophene)-block-poly(acrylic acid). <i>Chemical Communications</i> , 2011, 47, 197-199.	4.1	101
29	Synthesis and Study of Redox-Active Acyclic Triazenes: Toward Electrochromic Applications. <i>Journal of Organic Chemistry</i> , 2011, 76, 3239-3245.	3.2	22
30	Regioregularity and Single Polythiophene Chain Conformation. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 1400-1404.	4.6	104
31	Polythiophene-block-poly( <sup>l</sup> -benzyl L-glutamate): synthesis and study of a new rod-rod block copolymer. <i>Polymer Chemistry</i> , 2011, 2, 300-302.	3.9	53
32	Regioregularity effect on conformation and opto-electronic properties in single polythiophene chains. <i>Proceedings of SPIE</i> , 2011, , .	0.8	1
33	Quinobis(imidazolylidene): Synthesis and Study of an Electron-Configurable Bis(N-heterocyclic) Tj ETQq1 1 0.784314 rgBTg/Overlock	3.3	9
34	Synthesis of Poly(3-alkylthiophene)-block-poly(arylisocyanide): Two Sequential, Mechanistically Distinct Polymerizations Using a Single Catalyst. <i>Journal of the American Chemical Society</i> , 2010, 132, 14000-14001.	18.7	103