

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
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34
all docs

34
docs citations

34
times ranked

3011
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | Regioregularity and Single Polythiophene Chain Conformation. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 1400-1404. | 4.6 | 104 |
| 4 | 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. | 13.7 | 103 |
| 5 | Synthesis and self-assembly of poly(3-hexylthiophene)-block-poly(acrylic acid). <i>Chemical Communications</i> , 2011, 47, 197-199. | 4.1 | 101 |
| 6 | Controlled Catalyst Transfer Polycondensation and Surface-Initiated Polymerization of a <i>p</i> -Phenyleneethynylene-Based Monomer. <i>Journal of the American Chemical Society</i> , 2013, 135, 4984-4987. | 13.7 | 98 |
| 7 | Quinobis(imidazolylidene): Synthesis and Study of an Electron-Configurable Bis(N-Heterocyclic) Tj ETQq1 1 0.784314 rgBT /Overlo | 3.3 | 89 |
| 8 | Injectable Coacervate Hydrogel for Delivery of Anticancer Drug-Loaded Nanoparticles in vivo. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 13274-13282. | 8.0 | 63 |
| 9 | Controlled Chain-Growth Kumada Catalyst Transfer Polycondensation of a Conjugated Alternating Copolymer. <i>Macromolecules</i> , 2012, 45, 2321-2326. | 4.8 | 60 |
| 10 | Polythiophene-block-poly(^l -benzyl L-glutamate): synthesis and study of a new rod-rod block copolymer. <i>Polymer Chemistry</i> , 2011, 2, 300-302. | 3.9 | 53 |
| 11 | Cross-linkable multi-stimuli responsive hydrogel inks for direct-write 3D printing. <i>Polymer Chemistry</i> , 2017, 8, 4199-4206. | 3.9 | 53 |
| 12 | An insight into non-emissive excited states in conjugated polymers. <i>Nature Communications</i> , 2015, 6, 8246. | 12.8 | 48 |
| 13 | 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 |
| 14 | Benzyl Chloride-Functionalized Polycarbonates: A Versatile Platform for the Synthesis of Functional Biodegradable Polycarbonates. <i>Macromolecules</i> , 2014, 47, 7725-7731. | 4.8 | 41 |
| 15 | 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 |
| 16 | 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 |
| 17 | Effect of the Side-Chain Distribution Density on the Single-Conjugated Polymer Chain Conformation. <i>ChemPhysChem</i> , 2013, 14, 4143-4148. | 2.1 | 28 |
| 18 | Conformational Effect on Energy Transfer in Single Polythiophene Chains. <i>Journal of Physical Chemistry B</i> , 2012, 116, 9866-9872. | 2.6 | 27 |

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|----|--|------|-----------|
| 19 | 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 |
| 20 | Tuning the Selectivity of Biodegradable Antimicrobial Cationic Polycarbonates by Exchanging the Counteranion. <i>Macromolecular Bioscience</i> , 2016, 16, 1360-1367. | 4.1 | 25 |
| 21 | 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 |
| 22 | Synthesis and Study of Redox-Active Acyclic Triazenes: Toward Electrochromic Applications. <i>Journal of Organic Chemistry</i> , 2011, 76, 3239-3245. | 3.2 | 22 |
| 23 | Oligothiophene Nanoparticles: Photophysical and Electrogenerated Chemiluminescence Studies. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 2035-2038. | 4.6 | 21 |
| 24 | Enhancing the Biocompatibility and Biodegradability of Linear Poly(ethylene imine) through Controlled Oxidation. <i>Macromolecules</i> , 2015, 48, 7420-7427. | 4.8 | 21 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | Tunable temperature- and shear-responsive hydrogels based on poly(alkyl glycidyl ether)s. <i>Polymer International</i> , 2019, 68, 1238-1246. | 3.1 | 19 |
| 29 | 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 |
| 30 | Porphyran oligothiophene conjugates as additives for P3HT/PCBM solar cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 18956. | 6.7 | 9 |
| 31 | 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 |
| 32 | Facile carbohydrate-mimetic modifications of poly(ethylene imine) carriers for gene delivery applications. <i>Polymer Chemistry</i> , 2016, 7, 5862-5872. | 3.9 | 9 |
| 33 | 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 |
| 34 | Regioregularity effect on conformation and opto-electronic properties in single polythiophene chains. <i>Proceedings of SPIE</i> , 2011, , . | 0.8 | 1 |