

# Anthony J Petty II

## List of Publications by Year in descending order

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14  
papers

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citations

933447

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1058476

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docs citations

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times ranked

639  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regiochemistry-Driven Organic Electrochemical Transistor Performance Enhancement in Ethylene Glycol-Functionalized Polythiophenes. <i>Journal of the American Chemical Society</i> , 2021, 143, 11007-11018.	13.7	74
2	Solvent Engineering for High-Performance n-Type Organic Electrochemical Transistors. <i>Advanced Electronic Materials</i> , 2019, 5, 1900249.	5.1	59
3	Singlet Fission and Triplet Transfer to PbS Quantum Dots in TIPS-Tetracene Carboxylic Acid Ligands. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1454-1460.	4.6	53
4	Conducting Polymers for Tissue Regeneration <i>in Vivo</i> . <i>Chemistry of Materials</i> , 2020, 32, 4095-4115.	6.7	49
5	Engineering Molecular Ligand Shells on Quantum Dots for Quantitative Harvesting of Triplet Excitons Generated by Singlet Fission. <i>Journal of the American Chemical Society</i> , 2019, 141, 12907-12915.	13.7	48
6	Direct vs Delayed Triplet Energy Transfer from Organic Semiconductors to Quantum Dots and Implications for Luminescent Harvesting of Triplet Excitons. <i>ACS Nano</i> , 2020, 14, 4224-4234.	14.6	33
7	Understanding the Crystal Packing and Organic Thin-Film Transistor Performance in Isomeric Guest-Host Systems. <i>Advanced Materials</i> , 2017, 29, 1700048.	21.0	24
8	Singlet Fission in Concentrated TIPS-Pentacene Solutions: The Role of Excimers and Aggregates. <i>Journal of the American Chemical Society</i> , 2021, 143, 13749-13758.	13.7	22
9	Ion Coordination and Chelation in a Glycolated Polymer Semiconductor: Molecular Dynamics and X-ray Fluorescence Study. <i>Chemistry of Materials</i> , 2020, 32, 7301-7308.	6.7	21
10	Laser-Printed Organic Thin-Film Transistors. <i>Advanced Materials Technologies</i> , 2017, 2, 1700167.	5.8	17
11	3D-Printed Electroactive Hydrogel Architectures with Sub-100- $\mu\text{m}$ Resolution Promote Myoblast Viability. <i>Macromolecular Bioscience</i> , 2022, 22, .	4.1	9
12	Insights into the Structure and Self-Assembly of Organic Semiconductor/Quantum Dot Blends. <i>Advanced Functional Materials</i> , 2022, 32, 2109252.	14.9	2
13	Ethynylated Acene Synthesis and Photophysics for an Organic Chemistry Laboratory Course. <i>Journal of Chemical Education</i> , 2021, 98, 1741-1749.	2.3	1
14	Organic Thin-Film Transistors: Laser-Printed Organic Thin-Film Transistors (Adv. Mater. Technol.)	3.8	0