

# Oleksandr V Mikhnenko

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11454364/publications.pdf>

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18  
papers

1,610  
citations

566801

15  
h-index

887659

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g-index

18  
all docs

18  
docs citations

18  
times ranked

2919  
citing authors

#	ARTICLE	IF	CITATIONS
1	n-Type Ionic Organic Electronic Ratchets for Energy Harvesting. ACS Applied Materials & Interfaces, 2019, 11, 1081-1087.	4.0	3
2	Influence of Energetic Disorder on Exciton Lifetime and Photoluminescence Efficiency in Conjugated Polymers. Journal of Physical Chemistry B, 2017, 121, 1405-1412.	1.2	22
3	Observing Ion Motion in Conjugated Polyelectrolytes with Kelvin Probe Force Microscopy. Advanced Electronic Materials, 2017, 3, 1700005.	2.6	19
4	Fabricating Low-Cost Ionic Organic Electronic Ratchets with Graphite Pencil and Adhesive Tape. Advanced Electronic Materials, 2016, 2, 1500344.	2.6	16
5	Rectifying Electrical Noise with an Ionic Organic Ratchet. Advanced Materials, 2015, 27, 2007-2012.	11.1	20
6	Exciton diffusion in organic semiconductors. Energy and Environmental Science, 2015, 8, 1867-1888.	15.6	670
7	Organic Semiconductors: Rectifying Electrical Noise with an Ionic Organic Ratchet (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT /Overlo	11.1	11.1
8	Temperature Dependence of Exciton Diffusion in a Small-Molecule Organic Semiconductor Processed With and Without Additive. Advanced Materials, 2015, 27, 2528-2532.	11.1	39
9	Trap-Limited Exciton Diffusion in Organic Semiconductors. Advanced Materials, 2014, 26, 1912-1917.	11.1	127
10	Systematic study of exciton diffusion length in organic semiconductors by six experimental methods. Materials Horizons, 2014, 1, 280-285.	6.4	144
11	Direct Measurement of the Triplet Exciton Diffusion Length in Organic Semiconductors. Physical Review Letters, 2012, 108, 137401.	2.9	44
12	Exciton diffusion length in narrow bandgap polymers. Energy and Environmental Science, 2012, 5, 6960.	15.6	207
13	Effect of thermal annealing on exciton diffusion in a diketopyrrolopyrrole derivative. Physical Chemistry Chemical Physics, 2012, 14, 14196.	1.3	47
14	Exploring the Origin of the Temperature-Dependent Behavior of PbS Nanocrystal Thin Films and Solar Cells. Advanced Functional Materials, 2012, 22, 1598-1605.	7.8	71
15	Sensitive triplet exciton detection in polyfluorene using Pd-coordinated porphyrin. Physical Chemistry Chemical Physics, 2011, 13, 14453.	1.3	9
16	Cyclometalated red iridium(III) complexes containing carbazolyl-acetylacetonate ligands: efficiency enhancement in polymer LED devices. Dalton Transactions, 2010, 39, 8613.	1.6	33
17	Solution-Processable Near-IR Photodetectors Based on Electron Transfer from PbS Nanocrystals to Fullerene Derivatives. Advanced Materials, 2009, 21, 683-687.	11.1	121
18	Exciton Quenching Close to Polymer-Vacuum Interface of Spin-Coated Films of Poly(p-phenylenevinylene) Derivative. Journal of Physical Chemistry B, 2009, 113, 9104-9109.	1.2	18