

# Gabriele Bianchi

## List of Publications by Year in descending order

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16  
papers

644  
citations

759233

12  
h-index

940533

16  
g-index

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all docs

16  
docs citations

16  
times ranked

950  
citing authors

#	ARTICLE	IF	CITATIONS
1	“All That Glitters Is Not Gold”: An Analysis of the Synthetic Complexity of Efficient Polymer Donors for Polymer Solar Cells. <i>Macromolecules</i> , 2015, 48, 453-461.	4.8	268
2	Organometallic Approaches to Conjugated Polymers for Plastic Solar Cells: From Laboratory Synthesis to Industrial Production. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 6583-6614.	2.4	63
3	Domino Direct Arylation and Cross-Aldol for Rapid Construction of Extended Polycyclic $\pi$ -Scaffolds. <i>Journal of the American Chemical Society</i> , 2017, 139, 8788-8791.	13.7	54
4	Conjugated Thiophene-Fused Isatin Dyes through Intramolecular Direct Arylation. <i>Journal of Organic Chemistry</i> , 2016, 81, 11035-11042.	3.2	48
5	Recent Advances in Non-Fullerene Acceptors of the IDIC/ITIC Families for Bulk-Heterojunction Organic Solar Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8085.	4.1	31
6	Efficient and Stable Mesoscopic Perovskite Solar Cells Using PDTITT as a New Hole Transporting Layer. <i>Advanced Functional Materials</i> , 2019, 29, 1905887.	14.9	29
7	Direct Arylation Strategies in the Synthesis of $\pi$ -Extended Monomers for Organic Polymeric Solar Cells. <i>Molecules</i> , 2017, 22, 21.	3.8	26
8	One-Pot Regiodirected Annulations for the Rapid Synthesis of $\pi$ -Extended Oligomers. <i>Organic Letters</i> , 2020, 22, 3263-3267.	4.6	25
9	A relatively wide-bandgap and air-stable donor polymer for fabrication of efficient semitransparent and tandem organic photovoltaics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22037-22043.	7.1	24
10	Donor-acceptor conjugated copolymers incorporating tetrafluorobenzene as the $\pi$ -electron deficient unit. <i>Journal of Polymer Science Part A</i> , 2017, 55, 1601-1610.	2.3	20
11	A Donor Polymer with a Good Compromise between Efficiency and Sustainability for Organic Solar Cells. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, 2100069.	5.8	15
12	Anthradithiophene-based organic semiconductors through regiodirected double annulations. <i>Journal of Materials Chemistry C</i> , 2021, 9, 9302-9308.	5.5	15
13	Synthesis of Dithienocyclohexanones (DTCHs) as a Family of Building Blocks for $\pi$ -Conjugated Compounds in Organic Electronics. <i>ACS Omega</i> , 2017, 2, 4347-4355.	3.5	12
14	Efficient and Stable Mesoscopic Perovskite Solar Cells Using a Dopant-Free A Copolymer Hole-Transporting Layer. <i>Solar Rrl</i> , 2021, 5, 2000801.	5.8	7
15	Weiss-Cook Condensations for the Synthesis of Bridged Bithiophene Monomers and Polymers. <i>ChemistrySelect</i> , 2019, 4, 12569-12572.	1.5	5
16	A Sustainable Synthetic Approach to the Indaceno[1,2-b:5,6-b <sup>2</sup> ]dithiophene (IDT) Core through Cascade Cyclization-Deprotection Reactions. <i>Chemistry</i> , 2022, 4, 206-215.	2.2	2