

# Vasilis G Gregoriou

## List of Publications by Year in descending order

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16  
papers

525  
citations

933447

10  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

998  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rational design of aqueous conjugated polymer nanoparticles as potential theranostic agents of breast cancer. <i>Materials Chemistry Frontiers</i> , 2021, 5, 4950-4962.	5.9	7
2	New conjugated polymer nanoparticles with high photoluminescence quantum yields for far-red and near infrared fluorescence bioimaging. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2357-2369.	5.9	25
3	Highly Efficient Indoor Organic Solar Cells by Voltage Loss Minimization through Fine-Tuning of Polymer Structures. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 36905-36916.	8.0	49
4	Effect of Aryl Substituents and Fluorine Addition on the Optoelectronic Properties and Organic Solar Cell Performance of a High Efficiency Indacenodithienothiophene- <i>alt</i> -Quinoxaline $\pi$ -Conjugated Polymer. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1800418.	2.2	4
5	Enhancement of the Power-Conversion Efficiency of Organic Solar Cells via Unveiling an Appropriate Rational Design Strategy in Indacenodithiophene- <i>alt</i> -quinoxaline $\pi$ -Conjugated Polymers. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 10236-10245.	8.0	11
6	Synthesis of D-A type benzodithiophene-quinoxaline copolymers by direct arylation and their application in organic solar cells. <i>Journal of Polymer Science Part A</i> , 2018, 56, 1457-1467.	2.3	20
7	4-H-1,2,6-Thiadiazine-containing donor-acceptor conjugated polymers: synthesis, optoelectronic characterization and their use in organic solar cells. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3658-3667.	5.5	10
8	Experimental and theoretical investigations on the optical and electrochemical properties of $\pi$ -conjugated donor-acceptor-donor (DAD) compounds toward a universal model. <i>Journal of Chemical Physics</i> , 2018, 149, 124902.	3.0	10
9	Beyond Donor-Acceptor (D-A) Approach: Structure-Optoelectronic Properties-Organic Photovoltaic Performance Correlation in New D-A <sub>1</sub> -D-A <sub>2</sub> Low-Bandgap Conjugated Polymers. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600720.	3.9	20
10	The role of chemical structure in indacenodithienothiophene-benzothiadiazole copolymers for high performance organic solar cells with improved photo-stability through minimization of burn-in loss. <i>Journal of Materials Chemistry A</i> , 2017, 5, 25064-25076.	10.3	24
11	Indacenodithienothiophene-Based Ternary Organic Solar Cells. <i>Frontiers in Energy Research</i> , 2017, 4, .	2.3	8
12	Enhancement of the Power Conversion Efficiency in Organic Photovoltaics by Unveiling the Appropriate Polymer Backbone Enlargement Approach. <i>Advanced Functional Materials</i> , 2016, 26, 1840-1848.	14.9	28
13	The impact of thienothiophene isomeric structures on the optoelectronic properties and photovoltaic performance in quinoxaline based donor-acceptor copolymers. <i>Polymer Chemistry</i> , 2015, 6, 3098-3109.	3.9	24
14	Rational design on n-type organic materials for high performance organic photovoltaics. <i>RSC Advances</i> , 2013, 3, 7160.	3.6	138
15	Rod-Coil Block Copolymers Incorporating Terfluorene Segments for Stable Blue Light Emission. <i>Journal of Physical Chemistry B</i> , 2005, 109, 8755-8760.	2.6	77
16	Influence of the Coil Block on the Properties of Rod-Coil Diblock Copolymers with Oligofluorene as the Rigid Segment. <i>Macromolecules</i> , 2004, 37, 2502-2510.	4.8	70