

# Corentin Pigot

## List of Publications by Year in descending order

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16  
papers

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#	ARTICLE	IF	CITATIONS
1	Sunlight Induced Polymerization Photoinitiated by Novel Push-Pull Dyes: Indane-1,3-Dione, 1H-Cyclopenta[b]Naphthalene-1,3(2H)-Dione and 4-Dimethoxyphenyl-Allylidene Derivatives. <i>Macromolecular Chemistry and Physics</i> , 2022, 223, .	2.2	29
2	Push-pull dyes based on Michler's aldehyde: Design and characterization of the optical and electrochemical properties. <i>Dyes and Pigments</i> , 2022, 202, 110278.	3.7	4
3	Synthesis, optical and electrochemical properties of a series of push-pull dyes based on the 2-(3-cyano-4,5,5-trimethylfuran-2(5H)-ylidene)malononitrile (TCF) acceptor. <i>Dyes and Pigments</i> , 2021, 184, 108807.	3.7	23
4	Synthesis, and the optical and electrochemical properties of a series of push-pull dyes based on the 4-(9-ethyl-9H-carbazol-3-yl)-4-phenylbuta-1,3-dienyl donor. <i>New Journal of Chemistry</i> , 2021, 45, 5808-5821.	2.8	6
5	N-ethyl carbazole-1-allylidene-based push-pull dyes as efficient light harvesting photoinitiators for sunlight induced polymerization. <i>European Polymer Journal</i> , 2021, 147, 110331.	5.4	43
6	Dyes with tunable absorption properties from the visible to the near infrared range: 2,4,5,7-Tetranitrofluorene (TNF) as a unique electron acceptor. <i>Dyes and Pigments</i> , 2021, 189, 109250.	3.7	2
7	Synthesis, optical and electrochemical properties of a series of push-pull dyes based on the 4,4-bis(4-methoxy phenyl)butadienyl donor. <i>Dyes and Pigments</i> , 2021, 194, 109552.	3.7	4
8	New push-pull dyes based on 2-(3-oxo-2,3-dihydro-1H-cyclopenta[b]naphthalen-1-ylidene)malononitrile: An amine-directed synthesis. <i>Dyes and Pigments</i> , 2020, 175, 108182.	3.7	16
9	Molecular engineering in 2D surface covalent organic frameworks: Towards next generation of molecular tectons - A mini review. <i>Synthetic Metals</i> , 2020, 260, 116265.	3.9	7
10	Novel Push-Pull Dyes Derived from 1H-cyclopenta[b]naphthalene-1,3(2H)-dione as Versatile Photoinitiators for Photopolymerization and Their Related Applications: 3D Printing and Fabrication of Photocomposites. <i>Catalysts</i> , 2020, 10, 1196.	3.5	38
11	Monocomponent Photoinitiators based on Benzophenone-Carbazole Structure for LED Photoinitiating Systems and Application on 3D Printing. <i>Polymers</i> , 2020, 12, 1394.	4.5	50
12	Free Radical Photopolymerization and 3D Printing Using Newly Developed Dyes: Indane-1,3-Dione and 1H-Cyclopentanaphthalene-1,3-Dione Derivatives as Photoinitiators in Three-Component Systems. <i>Catalysts</i> , 2020, 10, 463.	3.5	38
13	Recent advances on push-pull organic dyes as visible light photoinitiators of polymerization. <i>European Polymer Journal</i> , 2020, 133, 109797.	5.4	73
14	Unprecedented Nucleophilic Attack of Piperidine on the Electron Acceptor during the Synthesis of Push-Pull Dyes by a Knoevenagel Reaction. <i>Helvetica Chimica Acta</i> , 2019, 102, e1900229.	1.6	21
15	Push-Pull Chromophores Based on the Naphthalene Scaffold: Potential Candidates for Optoelectronic Applications. <i>Materials</i> , 2019, 12, 1342.	2.9	29
16	Recent Advances of Hierarchical and Sequential Growth of Macromolecular Organic Structures on Surface. <i>Materials</i> , 2019, 12, 662.	2.9	16