

Corentin Pigot

List of Publications by Year in descending order

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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Recent advances on push-pull organic dyes as visible light photoinitiators of polymerization. <i>European Polymer Journal</i> , 2020, 133, 109797. | 5.4 | 73 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Push-Pull Chromophores Based on the Naphthalene Scaffold: Potential Candidates for Optoelectronic Applications. <i>Materials</i> , 2019, 12, 1342. | 2.9 | 29 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | Recent Advances of Hierarchical and Sequential Growth of Macromolecular Organic Structures on Surface. <i>Materials</i> , 2019, 12, 662. | 2.9 | 16 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |