

Yulia A Getmanenko

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Design of Near-Infrared-Absorbing Unsymmetrical Polymethine Dyes with Large Quadratic Hyperpolarizabilities. <i>Chemistry of Materials</i> , 2018, 30, 3410-3418. | 6.7 | 35 |
| 2 | Effects of <i>meso</i> -M(PPh ₃) ₂ Cl (M = Pd, Ni) substituents on the linear and third-order nonlinear optical properties of chalcogenopyrylium-terminated heptamethines in solution and solid states. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3613-3620. | 5.5 | 19 |
| 3 | Tunable Third-Harmonic Generation from Polaritons in the Ultrastrong Coupling Regime. <i>ACS Photonics</i> , 2018, 5, 119-125. | 6.6 | 71 |
| 4 | Magnetic ordering in a vanadium-organic coordination polymer using a pyrrolo[2,3- <i>d</i> :5,4- <i>d'</i>]-bis(thiazole)-based ligand. <i>RSC Advances</i> , 2018, 8, 36223-36232. | 3.6 | 4 |
| 5 | Linear and Third-Order Nonlinear Optical Properties of Chalcogenopyrylium-Terminated Heptamethine Dyes with Rigid, Bulky Substituents. <i>Advanced Functional Materials</i> , 2018, 28, 1804073. | 14.9 | 17 |
| 6 | Unusual Electronic Structure of the Donor-Acceptor Cocrystal Formed by Dithieno[3,2- <i>a</i> :2',3'- <i>c</i>]phenazine and 7,7,8,8-Tetracyanoquinodimethane. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4510-4515. | 4.6 | 15 |
| 7 | Nonlinear Optical Properties of Chalcogenopyrylium-Terminated Heptamethine Dyes in Multiple Polymer Hosts. , 2017, , . | | 0 |
| 8 | Parallel and Perpendicular Packing in Mixed-Stack Cocrystals of Trimeric Perfluoro- <i>ortho</i> -phenylene Mercury and Benzo[1,2- <i>b</i> :6,5- <i>b'</i>]dithiophene-4,5-dione Derivatives. <i>Crystal Growth and Design</i> , 2016, 16, 2190-2200. | 3.0 | 3 |
| 9 | Crystal structure of N,N,N-triethylhydroxylammonium chloride. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016, 72, 1607-1609. | 0.5 | 0 |
| 10 | Near-Infrared Asymmetrical Squaraine Sensitizers for Highly Efficient Dye Sensitized Solar Cells: The Effect of ĩ-Bridges and Anchoring Groups on Solar Cell Performance. <i>Chemistry of Materials</i> , 2015, 27, 2480-2487. | 6.7 | 104 |
| 11 | Dithieno[3,2- <i>a</i> :2',3'- <i>c</i>]phenazine-based chemical probe for anions: a spectroscopic study of binding. <i>RSC Advances</i> , 2015, 5, 43303-43311. | 3.6 | 4 |
| 12 | Mixed-stack architecture and solvatomorphism of trimeric perfluoro- <i>ortho</i> -phenylene mercury complexes with dithieno[3,2- <i>b</i> :2',3'- <i>d</i>]thiophene. <i>Journal of Molecular Structure</i> , 2015, 1100, 506-512. | 3.6 | 7 |
| 13 | Third-order nonlinear optical characterization of organic chromophores using liquid-core optical fibers. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2014, 31, 2455. | 2.1 | 6 |
| 14 | 5,5-Bis-(alkylpyridinyl)-2,2-bithiophenes: synthesis, liquid crystalline behaviour and charge transport. <i>Journal of Materials Chemistry C</i> , 2014, 2, 256-271. | 5.5 | 9 |
| 15 | Pyrrole[3,2- <i>d</i> :4,5- <i>d'</i>]bisthiazole-bridged bis(naphthalene diimide)s as electron-transport materials. <i>Journal of Materials Chemistry C</i> , 2014, 2, 124-131. | 5.5 | 28 |
| 16 | Bis(5-alkylthiophen-2-yl)arene liquid crystals as molecular semiconductors. <i>Journal of Materials Chemistry C</i> , 2014, 2, 2600. | 5.5 | 16 |
| 17 | Polymethine materials with solid-state third-order optical susceptibilities suitable for all-optical signal-processing applications. <i>Materials Horizons</i> , 2014, 1, 577-581. | 12.2 | 59 |
| 18 | Benzo[1,2- <i>b</i> :6,5- <i>b'</i>]dithiophene(dithiazole)-4,5-dione derivatives: synthesis, electronic properties, crystal packing and charge transport. <i>Journal of Materials Chemistry C</i> , 2013, 1, 1467. | 5.5 | 23 |

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|----|---|-----|-----------|
| 19 | Bis(naphthalene diimide) derivatives with mono- and dicarbonyl-fused tricyclic heterocyclic bridges as electron-transport materials. <i>Journal of Organic Semiconductors</i> , 2013, 1, 7-15. | 1.2 | 8 |
| 20 | Easily Reducible Materials from the Reactions of Diselenopheno[3,2- <i>b</i> :2,3-d]pyrrole and Dithieno[3,2- <i>b</i> :2,3-d]pyrrole with Tetracyanoethylene. <i>Journal of Organic Chemistry</i> , 2012, 77, 10931-10937. | 3.2 | 13 |
| 21 | Characterisation of a dipolar chromophore with third-harmonic generation applications in the near-IR. <i>Journal of Materials Chemistry</i> , 2012, 22, 4371. | 6.7 | 17 |
| 22 | Mono- and Dicarbonyl-Bridged Tricyclic Heterocyclic Acceptors: Synthesis and Electronic Properties. <i>Journal of Organic Chemistry</i> , 2011, 76, 2660-2671. | 3.2 | 33 |
| 23 | Base-Catalyzed Halogen Dance Reaction and Oxidative Coupling Sequence as a Convenient Method for the Preparation of Dihalo-bisheteroarenes. <i>Organic Letters</i> , 2010, 12, 2136-2139. | 4.6 | 57 |
| 24 | Electronic and Optical Properties of 4-H-Cyclopenta[2,1- <i>b</i> :3,4- <i>b</i>]bithiophene Derivatives and Their 4-Heteroatom-Substituted Analogues: A Joint Theoretical and Experimental Comparison. <i>Journal of Physical Chemistry B</i> , 2010, 114, 14397-14407. | 2.6 | 64 |
| 25 | Dipolar Second-Order Nonlinear Optical Chromophores Containing Ferrocene, Octamethylferrocene, and Ruthenocene Donors and Strong π -Acceptors: Crystal Structures and Comparison of π -Donor Strengths. <i>Organometallics</i> , 2009, 28, 1350-1357. | 2.3 | 43 |
| 26 | Unprecedented Negishi Coupling at C^{Br} in the Presence of a Stannyl Group as a Convenient Approach to Pyridinylstannanes and Their Application in Liquid Crystal Synthesis. <i>Journal of Organic Chemistry</i> , 2008, 73, 830-839. | 3.2 | 46 |
| 27 | 2,5-Dibromopyridine as a key building block in the synthesis of 2,5-disubstituted pyridine-based liquid crystals. <i>Liquid Crystals</i> , 2006, 33, 267-288. | 2.2 | 15 |
| 28 | Radiation-induced trapping and charge transport in a smectic liquid crystal. <i>Applied Physics Letters</i> , 2005, 87, 152103. | 3.3 | 10 |
| 29 | Single crystal, liquid crystal, and hybrid organic semiconductors. , 2003, , . | | 1 |