

Bogdan Olenyuk

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

7,344
citations

331670

21
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

5118
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Self-Assembly of Discrete Cyclic Nanostructures Mediated by Transition Metals. <i>Chemical Reviews</i> , 2000, 100, 853-908. | 47.7 | 3,439 |
| 2 | Self-Assembly, Symmetry, and Molecular Architecture: Coordination as the Motif in the Rational Design of Supramolecular Metallacyclic Polygons and Polyhedra. <i>Accounts of Chemical Research</i> , 1997, 30, 502-518. | 15.6 | 1,364 |
| 3 | Self-assembly of nanoscale cuboctahedra by coordination chemistry. <i>Nature</i> , 1999, 398, 796-799. | 27.8 | 616 |
| 4 | Self-Assembly of Nanoscopic Dodecahedra from 50 Predesigned Components. <i>Journal of the American Chemical Society</i> , 1999, 121, 10434-10435. | 13.7 | 286 |
| 5 | Molecular architecture of cyclic nanostructures: use of co-ordination chemistry in the building of supermolecules with predefined geometric shapes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 1707-1728. | 1.1 | 228 |
| 6 | Self-Assembly of Porphyrin Arrays via Coordination to Transition Metal Bisphosphine Complexes and the Unique Spectral Properties of the Product Metallacyclic Ensembles. <i>Journal of the American Chemical Society</i> , 1999, 121, 2741-2752. | 13.7 | 203 |
| 7 | Design and Study of Synthetic Chiral Nanoscopic Assemblies. Preparation and Characterization of Optically Active Hybrid, Iodonium ⁺ Transition-Metal and All-Transition-Metal Macrocyclic Molecular Squares. <i>Journal of the American Chemical Society</i> , 1996, 118, 8221-8230. | 13.7 | 159 |
| 8 | Transition-Metal-Mediated Rational Design and Self-Assembly of Chiral, Nanoscale Supramolecular Polyhedra with Unique Symmetry. <i>Organometallics</i> , 1997, 16, 3094-3096. | 2.3 | 146 |
| 9 | Directed Self-Assembly of Chiral, Optically Active Macrocyclic Tetranuclear Molecular Squares. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 732-736. | 4.4 | 143 |
| 10 | Combining Ferrocenes and Molecular Squares: Self-Assembly of Heterobimetallic Macrocyclic Squares Incorporating Mixed Transition Metal Systems and a Main Group Element. Single-Crystal X-ray Structure of [Pt(dppf)(H ₂ O) ₂][OTf] ₂ . <i>Organometallics</i> , 1996, 15, 904-908. | 2.3 | 137 |
| 11 | Molecular architecture via coordination: self-assembly of cyclic cationic porphyrin aggregates via transition-metal bisphosphane auxiliaries. <i>Chemical Communications</i> , 1997, , 1453-1454. | 4.1 | 109 |
| 12 | Influence of structural variation on nuclear localization of DNA-binding polyamide-fluorophore conjugates. <i>Nucleic Acids Research</i> , 2004, 32, 2802-2818. | 14.5 | 92 |
| 13 | Sequence-Specific Fluorescence Detection of DNA by Polyamide ⁺ Thiazole Orange Conjugates. <i>Journal of the American Chemical Society</i> , 2005, 127, 16685-16691. | 13.7 | 86 |
| 14 | Design of a Sequence-Specific DNA Bisintercalator. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3591-3594. | 13.8 | 52 |
| 15 | Dynamics of Noncovalent Supramolecular Complexes. NMR Study of the Rotational Barriers in Chiral BINAP Palladium(II) and Platinum(II) Bis(phosphane) Complexes That Resemble the Minimal Subunits of Chiral Polygons and Polyhedra. <i>Organometallics</i> , 1999, 18, 758-769. | 2.3 | 47 |
| 16 | Diastereomeric Square-Planar Platinum(II) and Palladium(II) Complexes Due to Restricted Rotation about the Chelated M-N Heteroaryl Bond. <i>Organometallics</i> , 1995, 14, 5281-5289. | 2.3 | 45 |
| 17 | Enantioselective organocatalytic $\hat{\pm}$ -sulfenylation of substituted diketopiperazines. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 2742-2750. | 1.8 | 38 |
| 18 | Efficient organocatalytic $\hat{\pm}$ -sulfenylation of substituted piperazine-2,5-diones. <i>Tetrahedron Letters</i> , 2009, 50, 4310-4313. | 1.4 | 28 |

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|----|--|------|-----------|
| 19 | Preparation of Nitrogen-Containing Bis(heteroaryl)iodonium Salts. <i>Synthesis</i> , 1995, 1995, 937-938. | 2.3 | 27 |
| 20 | Gesteuerte Selbstorganisation chiraler, optisch aktiver, makrocyclischer vierkerniger molekularer Quadrate. <i>Angewandte Chemie</i> , 1996, 108, 797-802. | 2.0 | 25 |
| 21 | Parallel Synthesis of H-pin Polyamides by Alkene Metathesis on Solid Phase. <i>Journal of the American Chemical Society</i> , 2003, 125, 4741-4751. | 13.7 | 24 |
| 22 | Direct organocatalytic coupling of carboxylated piperazine-2,5-diones with indoles through conjugate addition of carbon nucleophiles to indolenine intermediates. <i>Tetrahedron Letters</i> , 2010, 51, 609-612. | 1.4 | 19 |
| 23 | Molecular Solids from Symmetrical Bis(piperazine-2,5-diones) with Open- and Closed-Monomer Conformations. <i>Crystal Growth and Design</i> , 2009, 9, 2191-2197. | 3.0 | 10 |
| 24 | Polymorphism and phase transition behavior of 6,6-bis(chloromethyl)-1,1,4,4-tetramethyl-3,3-(<i>p</i> -phenylenedimethylene)bis(piperazine-2,5-dione). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2009, 65, o381-o384. | | 3 |
| 25 | Repression of the transcriptional activity of ERR α with sequence-specific DNA-binding polyamides. <i>Medicinal Chemistry Research</i> , 2020, 29, 607-616. | 2.4 | 3 |
| 26 | Diethyltrans-2,5-bis(4-methoxybenzylsulfanyl)-1,4-dimethyl-3,6-dioxopiperazine-2,5-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1583-o1584. | 0.2 | 1 |