

# Daniel Gryko

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

471  
papers

16,634  
citations

60  
h-index

108  
g-index

507  
ext. papers

18,949  
ext. citations

7  
avg, IF

7.54  
L-index

#	Paper	IF	Citations
471	-Alkoxyimidazolylidines (NOHCs): nucleophilic carbenes based on an oxidized imidazolium core.. <i>Chemical Communications</i> , <b>2022</b> ,	5.8	1
470	The Kröhnke synthesis of benzo[a]indolizines revisited: towards small, red light emitters. <i>Organic Chemistry Frontiers</i> , <b>2022</b> , 9, 1861-1874	5.2	0
469	Computational Chemistry as a Conceptual Game Changer: Understanding the Role of London Dispersion in Hexaphenylethane Derivatives (Gomberg Systems). <i>Israel Journal of Chemistry</i> , <b>2022</b> , 62,	3.4	1
468	Hydroxy Mercapto Methylene: The Missing HCSO Isomer.. <i>Journal of Physical Chemistry Letters</i> , <b>2022</b> , 3138-3142	6.4	0
467	All-Polymer Microcavities for the Fluorescence Radiative Rate Modification of a Diketopyrrolopyrrole Derivative.. <i>ACS Omega</i> , <b>2022</b> , 7, 15499-15506	3.9	1
466	Going beyond the borders: pyrrolo[3,2-]pyrroles with deep red emission.. <i>Chemical Science</i> , <b>2021</b> , 12, 15935-15946	9.4	3
465	Amine-Functionalized Nanoporous Silica Monoliths for Heterogeneous Catalysis of the Knoevenagel Condensation in Flow. <i>ACS Omega</i> , <b>2021</b> , 6, 425-437	3.9	4
464	Do Docking Sites Persist Upon Fluorination? The Diadamantyl Ether-Aromatics Challenge for Rotational Spectroscopy and Theory. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 6198-6203	4.8	4
463	Characterization of the Simplest Thiolimine: The Higher Energy Tautomer of Thioformamide. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 6732-6739	4.8	4
462	Ethynylhydroxycarbene (H-C≡C-C-OH). <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 3741-3746	16.4	2
461	Control of Molecular Catalysts for Oxygen Reduction by Variation of pH and Functional Groups. <i>ChemSusChem</i> , <b>2021</b> , 14, 1886-1892	8.3	3
460	Diamantanethiols on Metal Surfaces: Spatial Configurations, Bond Dissociations, and Polymerization. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 3468-3475	6.4	0
459	Polarized Helical Coumarins: [1,5] Sigmatropic Rearrangement and Excited-State Intramolecular Proton Transfer. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 6148-6159	4.2	3
458	Dispersion-Bound Isolated Dimers in the Gas Phase: Observation of the Shortest Intermolecular CH...H-C Distance via Stimulated Raman Spectroscopy. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 11305-11309	16.4	4
457	London Dispersion Helps Refine Steric A-Values: The Halogens. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 7701-7713	4.2	3
456	Acylation of electrophilic bicyclo[1.1.0]butanes via Co/Ni-catalyzed reductive cross-coupling. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2021</b> , 25, 630-638	1.8	1
455	Bowl-Shaped Pentagon- and Heptagon-Embedded Nanographene Containing a Central Pyrrolo[3,2-b]pyrrole Core. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 14998-15005	16.4	14

454	Switching on H-Tunneling through Conformational Control. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 8266-8271	16.4	3
453	Reaktitelbild: Bowl-Shaped Pentagon- and Heptagon-Embedded Nanographene Containing a Central Pyrrolo[3,2-b]pyrrole Core (Angew. Chem. 27/2021). <i>Angewandte Chemie</i> , <b>2021</b> , 133, 15240-15240 <sup>6</sup>	3.6	5
452	Bowl-Shaped Pentagon- and Heptagon-Embedded Nanographene Containing a Central Pyrrolo[3,2-b]pyrrole Core. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 15125-15132	16.4	4
451	1,1,2-Ethenetriol: The Enol of Glycolic Acid, a High-Energy Prebiotic Molecule. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 15313-15316	16.4	24
450	London Dispersion Interactions Rather than Steric Hindrance Determine the Enantioselectivity of the Corey-Bakshi-Shibata Reduction. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 4823-4832	6.2	2
449	Breaking the Symmetry of a Compound by Isotopic Substitution: Synthesis and Stereochemical Assignment of Monodeuterated -Perhydroazulene. <i>Organic Letters</i> , <b>2021</b> , 23, 113-117	16.4	10
448	Intramolecular London Dispersion Interactions Do Not Cancel in Solution. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 41-45	4.5	1
447	Switch-On Diketopyrrolopyrrole-Based Chemosensors for Cations Possessing Lewis Acid Character. <i>Chemistry - an Asian Journal</i> , <b>2021</b> , 16, 355-362	3.7	1
446	Red emissive sulfone-rhodols as mitochondrial imaging agents. <i>Chemical Communications</i> , <b>2021</b> , 57, 7782-7785	4.2	1
445	Site-Selective Acylation of Pyranosides with Oligopeptide Catalysts. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 3907-3922	10.8	
444	The German Chemical Society's perspective on international collaboration with China. <i>National Science Review</i> , <b>2021</b> , 8, nwab017	3.7	1
443	How does tautomerization affect the excited-state dynamics of an amino acid-derivatized corrole?. <i>Photosynthesis Research</i> , <b>2021</b> , 148, 67-76	11.5	9
442	Role of intramolecular hydrogen bonds in promoting electron flow through amino acid and oligopeptide conjugates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	4.8	1
441	The Synthesis and Photophysical Properties of Weakly Coupled Diketopyrrolopyrroles. <i>Molecules</i> , <b>2021</b> , 26,	4.8	4
440	Hexaphenylditetrals - When Longer Bonds Provide Higher Stability. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 13699-13702	2.8	2
439	Aminohydroxymethylene (HN-C-OH), the Simplest Aminooxycarbene. <i>Journal of Physical Chemistry A</i> , <b>2021</b> , 125, 7023-7028	10.272	10.278
438	Langmuir-Blodgett Films of Diketopyrrolopyrroles with Tunable Amphiphilicity. <i>Langmuir</i> , <b>2021</b> , 37, 10272-10278	6.2	0
437	Quadrupolar Dyes Based on Highly Polarized Coumarins. <i>Organic Letters</i> , <b>2021</b> , 23, 6770-6774		

436	Identification of a prismatic PN molecule formed from electron irradiated phosphine-nitrogen ices. <i>Nature Communications</i> , <b>2021</b> , 12, 5467	17.4	3
435	X-ray spectroscopic identification of strain and structure-based resonances in a series of saturated carbon-cage molecules: Adamantane, twistane, octahedrane, and cubane. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , <b>2021</b> , 39, 053208	2.9	0
434	Formation of phosphine imide (HN[double bond, length as m-dash]PH) and its phosphinous amide (HN-PH) isomer. <i>Chemical Communications</i> , <b>2021</b> , 57, 4958-4961	5.8	0
433	Development of a universal conductive platform for anchoring photo- and electroactive proteins using organometallic terpyridine molecular wires. <i>Nanoscale</i> , <b>2021</b> , 13, 9773-9787	7.7	3
432	Potent strategy towards strongly emissive nitroaromatics through a weakly electron-deficient core. <i>Chemical Science</i> , <b>2021</b> , 12, 14039-14049	9.4	7
431	Deciphering the unusual fluorescence in weakly coupled bis-nitro-pyrrolo[3,2-b]pyrroles. <i>Communications Chemistry</i> , <b>2020</b> , 3,	6.3	13
430	Identification and Reactivity of $\text{-,--}$ Dihydroxycarbene, a New [CHO] Intermediate. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 19457-19461	16.4	3
429	London Dispersion and Hydrogen-Bonding Interactions in Bulky Molecules: The Case of Diadamantyl Ether Complexes. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 10817-10825	4.8	7
428	Change of Quadrupole Moment upon Excitation and Symmetry Breaking in Multibranched Donor-Acceptor Dyes. <i>ChemPhysChem</i> , <b>2020</b> , 21, 1718-1730	3.2	13
427	Direct Exploitation of the Ethynyl Moiety in Calcium Carbide Through Sealed Ball Milling. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 4339-4346	3.2	5
426	How To Make Nitroaromatic Compounds Glow: Next-Generation Large X-Shaped, Centrosymmetric Diketopyrrolopyrroles. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 16104-16113	16.4	14
425	Determination of the Absolute Configurations of Chiral Alkanes [An Analysis of the Available Tools. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 6328-6339	3.2	8
424	N-Arylation of Diketopyrrolopyrroles with Aryl Triflates. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 1369-1375	4.5	7
423	Photochemistry of HNSO in cryogenic matrices: spectroscopic identification of the intermediates and mechanism. <i>Physical Chemistry Chemical Physics</i> , <b>2020</b> , 22, 7975-7983	3.6	4
422	Highly Polarized Coumarin Derivatives Revisited: Solvent-Controlled Competition Between Proton-Coupled Electron Transfer and Twisted Intramolecular Charge Transfer. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 7281-7291	4.8	5
421	Ground- and Excited-State Symmetry Breaking and Solvatochromism in Centrosymmetric Pyrrolo[3,2-b]pyrroles Possessing two Nitro Groups. <i>ChemPhotoChem</i> , <b>2020</b> , 4, 508-519	3.3	11
420	An Efficient Method for the Programmed Synthesis of Multifunctional Diketopyrrolopyrroles. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 7598-7605	3.6	3
419	Capture and Reactivity of an Elusive Carbon-Sulfur Centered Biradical. <i>Journal of Physical Chemistry A</i> , <b>2020</b> , 124, 2014-2018	2.8	0

4 <sup>18</sup>	Synthesis and Conformational Analysis of Parent Perhydroazulenes Reveal an Energetically Preferred cis Ring Fusion. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 4441-4447	4.2	6
4 <sup>17</sup>	Incorporating Diamondoids as Electrolyte Additive in the Sodium Metal Anode to Mitigate Dendrite Growth. <i>ChemSusChem</i> , <b>2020</b> , 13, 2661-2670	8.3	12
4 <sup>16</sup>	TEMPO-functionalized mesoporous silica particles as heterogeneous oxidation catalysts in flow. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 4107-4117	13	15
4 <sup>15</sup>	Interplay of Aromaticity and Antiaromaticity in N-Doped Nanographenes. <i>Journal of Physical Chemistry A</i> , <b>2020</b> , 124, 695-703	2.8	12
4 <sup>14</sup>	How an Eight-Membered Ring Alters the Rhodamine Chromophore. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 5973-5980	4.2	
4 <sup>13</sup>	Absolute Configuration of -Perhydroazulene. <i>Organic Letters</i> , <b>2020</b> , 22, 3895-3899	6.2	4
4 <sup>12</sup>	Visible light communication with efficient far-red/near-infrared polymer light-emitting diodes. <i>Light: Science and Applications</i> , <b>2020</b> , 9, 70	16.7	42
4 <sup>11</sup>	Photostable orange-red fluorescent unsymmetrical diketopyrrolopyrroleBF <sub>2</sub> hybrids. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 7708-7717	7.1	5
4 <sup>10</sup>	Direct Observation of Different One- and Two-Photon Fluorescent States in a Pyrrolo[3,2-]pyrrole Fluorophore. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 4866-4872	6.4	2
4 <sup>09</sup>	Two-Step Charge Separation Passing Through the Partial Charge-Transfer State in a Molecular Dyad. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 1564-1573	16.4	19
4 <sup>08</sup>	In Situ Switching of Site-Selectivity with Light in the Acetylation of Sugars with Azopeptide Catalysts. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 1835-1846	4.2	7
4 <sup>07</sup>	1,1-Ethenediol: The Long Elusive Enol of Acetic Acid. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 5577-5580	16.4	16
4 <sup>06</sup>	Access to Corrole-Appended Persubstituted Benzofurans by a Multicomponent Reaction: The Dual Role of -Chloranil. <i>Organic Letters</i> , <b>2020</b> , 22, 8139-8143	6.2	1
4 <sup>05</sup>	Catalytic enantiocontrol over a non-classical carbocation. <i>Nature Chemistry</i> , <b>2020</b> , 12, 1174-1179	17.6	17
4 <sup>04</sup>	How To Make Nitroaromatic Compounds Glow: Next-Generation Large X-Shaped, Centrosymmetric Diketopyrrolopyrroles. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 16238-16247	3.6	3
4 <sup>03</sup>	The elusive cyclotriphosphazene molecule and its Dewar benzene-type valence isomer (PN). <i>Science Advances</i> , <b>2020</b> , 6, eaba6934	14.3	12
4 <sup>02</sup>	Chemical Probes for Blocking of Influenza A M2 Wild-type and S31N Channels. <i>ACS Chemical Biology</i> , <b>2020</b> , 15, 2331-2337	4.9	11
4 <sup>01</sup>	Synthesis and antiproliferative activity of hindered, chiral 1,2-diaminodiamantane platinum(II) complexes. <i>Dalton Transactions</i> , <b>2020</b> , 49, 14009-14016	4.3	6

400	Spectroscopic identification of the BSNO isomers. <i>Journal of Chemical Physics</i> , <b>2020</b> , 153, 094303	3.9	1
399	Method for the Large-Scale Synthesis of Multifunctional 1,4-Dihydro-pyrrolo[3,2-b]pyrroles. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 13529-13543	4.2	9
398	From Dipyrrolonaphthyridinediones to Quinazolinoindolizinoindolizinoquinazolines. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 284-290	4.2	0
397	Extending a porphyrin chromophore via fusion with naphthalene. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2020</b> , 24, 448-455	1.8	3
396	Synthetic Applications of Oxidative Aromatic Coupling-From Biphenols to Nanographenes. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 2998-3027	16.4	119
395	Syntheseanwendungen der oxidativen aromatischen Kupplung von Biphenolen zu Nanographenen. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 3020-3050	3.6	45
394	Tris(pentafluorophenyl)borane-pyrrolo[3,2-b]pyrrole Hybrids: Solid-State Structure and Crystallization-Induced Enhanced Emission. <i>ChemPhotoChem</i> , <b>2020</b> , 4, 138-143	3.3	2
393	Isolation and Characterization of the Free Phenylphosphinidene Chalcogenides CH P=O and CH P=S, the Phosphorous Analogues of Nitrosobenzene and Thionitrosobenzene. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 12445-12449	16.4	7
392	A silicon-carbonyl complex stable at room temperature. <i>Nature Chemistry</i> , <b>2020</b> , 12, 608-614	17.6	42
391	An Efficient Method for the Programmed Synthesis of Multifunctional Diketopyrrolopyrroles. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 7528-7535	16.4	10
390	The Interplay between Solvation and Stacking of Aromatic Rings Governs Bright and Dark Sites of Benzo[g]coumarins. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 15305-15314	4.8	1
389	Organic Reaction Mechanisms. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 232-232	3.2	4
388	Structures and Dynamics in Thiolated Diamantane Derivative Monolayers. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 27477-27482	3.8	2
387	Syn-Dihydroxylation of Alkenes Using a Sterically Demanding Cyclic Diacyl Peroxide. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 12377-12386	4.2	14
386	Conformer-specific [1,2]-tunnelling in captodatively-stabilized cyanohydroxycarbene (NC-C[combining umlaut]-OH). <i>Chemical Science</i> , <b>2019</b> , 10, 802-808	9.4	10
385	Diamondoid Amino Acid-Based Peptide Kinase A Inhibitor Analogues. <i>ChemMedChem</i> , <b>2019</b> , 14, 663-672	3.7	3
384	Electronic Communication in Pyrrolo[3,2-b]pyrroles Possessing Sterically Hindered Aromatic Substituents. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 5247-5253	3.2	5
383	Salt-crystal continuum for photofunction modulation: stimuli-responsive fluorescence color-tuning of pyridine-modified intramolecular charge-transfer dyes and acid complexes. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 8847-8854	7.1	16

382	Generation and Spectroscopic Identification of the Thiuram Radical (CH) <sub>3</sub> NCS. <i>Journal of Physical Chemistry A</i> , <b>2019</b> , 123, 4937-4941	2.8	3
381	EurJOC 50 Years of Rotaxanes. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 3287-3288	3.2	2
380	Diamondoid Nanostructures as sp <sup>2</sup> -Carbon-Based Gas Sensors. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 9933-9938	16.4	15
379	Is it common for charge recombination to be faster than charge separation?. <i>International Journal of Chemical Kinetics</i> , <b>2019</b> , 51, 657-668	1.4	5
378	Synthesis of Exclusively 4-Substituted $\beta$ -Lactams through the Kinugasa Reaction Utilizing Calcium Carbide. <i>Organic Letters</i> , <b>2019</b> , 21, 3746-3749	6.2	33
377	Covalently Linked Bis(Amido-Corroles): Inter- and Intramolecular Hydrogen-Bond-Driven Supramolecular Assembly. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 9658-9664	4.8	4
376	Low-Melting Porphyrins and Their Photophysical Properties <b>2019</b> , 21-37		1
375	Formation of Glyoxylic Acid in Interstellar Ices: A Key Entry Point for Prebiotic Chemistry. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 5663-5667	16.4	20
374	Role of London Dispersion Interactions in Ga-Substituted Dipnictenes. <i>Organometallics</i> , <b>2019</b> , 38, 1640-1647	16.7	26
373	Synthesis and selected transformations of 2-unsubstituted 1-(adamantyl)imidazole 3-oxides: straightforward access to non-symmetric 1,3-dialkoxyimidazolium salts. <i>Beilstein Journal of Organic Chemistry</i> , <b>2019</b> , 15, 497-505	2.5	7
372	Highly efficient chirality inducers in nematic liquid crystals: synthesis of 7,7-disubstituted 2,2-methylenedioxy-1,1-binaphthyls. <i>Liquid Crystals</i> , <b>2019</b> , 46, 1763-1768	2.3	4
371	The synthesis and photophysical properties of tris-coumarins. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 8314-8325	3.6	4
370	Syntheses, Structures, and Bonding Analyses of Carbene-Stabilized Stibinidenes. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 1669-1678	2.3	24
369	Site-selective nitrenoid insertions utilizing postfunctionalized bifunctional rhodium(ii) catalysts. <i>Chemical Science</i> , <b>2019</b> , 10, 3324-3329	9.4	17
368	Preparation and Characterization of Phenyl Phosphine Diselenide – The Monomeric Form of Woollins' Reagent. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 387-390	3.2	6
367	Building Molecular Complexity from Quinizarin: Conjoined Coumarins and Coronene Analogs. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 1763-1770	4.5	12
366	Competitive Nitrogen versus Carbon Tunneling. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 14340-14348	16.4	27
365	Excited-State Symmetry Breaking in an Aza-Nanographene Dye. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 13930-13938	4.8	9



364	Modified Isoindoliones as Bright Fluorescent Probes for Cell and Tissue Imaging. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 13354-13362	4.8	5
363	Fe(III)-Catalyzed synthesis of pyrrolo[3,2-b]pyrroles: formation of new dyes and photophysical studies. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 2939-2948	5.2	11
362	Structural and Physical Parameters Controlling the Oxygen Reduction Reaction Selectivity with Carboxylic Acid-Substituted Cobalt Corroles Incorporated in a Porous Carbon Support. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 26351-26357	3.8	15
361	High-speed two-photon polymerization 3D printing with a microchip laser at its fundamental wavelength. <i>Optics Express</i> , <b>2019</b> , 27, 25119-25125	3.3	19
360	Caged Nitric Oxide-Thiyl Radical Pairs. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 3361-3365	16.4	9
359	Spectroscopic identification of the phenyltelluryl radical and its reactivity toward molecular oxygen. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 25797-25801	3.6	0
358	Rhodols - synthesis, photophysical properties and applications as fluorescent probes. <i>Chemical Society Reviews</i> , <b>2019</b> , 48, 5242-5265	58.5	38
357	2-Unsubstituted Imidazole -Oxides as Novel Precursors of Chiral 3-Alkoxyimidazol-2-ylidenes Derived from -1,2-Diaminocyclohexane and Other Chiral Amino Compounds. <i>Molecules</i> , <b>2019</b> , 24,	4.8	6
356	Diamantane Suspended Single Copper Atoms. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 315-324	16.4	9
355	Azido-Adamantyl Tin Sulfide Clusters for Bioconjugation. <i>Organometallics</i> , <b>2019</b> , 38, 329-335	3.8	12
354	Control of Excited-State Conformations in B,N-Acenes. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 4259-4263	16.4	4
353	TUNNEX: An easy-to-use wenzel-kramers-brillouin (WKB) implementation to compute tunneling half-lives. <i>Journal of Computational Chemistry</i> , <b>2019</b> , 40, 543-547	3.5	4
352	Selective Phthalimido-N-oxyl (PINO)-Catalyzed C <sub>60</sub> Cyanation of Adamantane Derivatives. <i>Synlett</i> , <b>2019</b> , 30, 493-498	2.2	5
351	Synthesis of Bis(arylethynyl)pyrrolo[3,2-b]pyrroles and Effect of Intramolecular Charge Transfer on Their Photophysical Behavior. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 598-608	4.8	16
350	Sterically controlled mechanochemistry under hydrostatic pressure. <i>Nature</i> , <b>2018</b> , 554, 505-510	50.4	49
349	Unforeseen 1,2-Aryl Shift in Tetraarylpyrrolo[3,2-b]pyrroles Triggered by Oxidative Aromatic Coupling. <i>Organic Letters</i> , <b>2018</b> , 20, 1517-1520	6.2	28
348	Atmospherically Relevant Radicals Derived from the Oxidation of Dimethyl Sulfide. <i>Accounts of Chemical Research</i> , <b>2018</b> , 51, 475-483	24.3	25
347	Synthesis and Photophysical Properties of N-Arylated Diketopyrrolopyrroles. <i>European Journal of Organic Chemistry</i> , <b>2018</b> , 2018, 6643-6648	3.2	7



- 346 Monochromatic Photocathodes from Graphene-Stabilized Diamondoids. *Nano Letters*, **2018**, 18, 1099-1103 5
- 345 Bidirectional Solvatofluorochromism of a Pyrrolo[3,2-b]pyrroleDiketopyrrolopyrrole Hybrid. *Journal of Physical Chemistry C*, **2018**, 122, 13424-13434 3.8 17
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