

Jishan Wu

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.

345
papers

19,735
citations

68
h-index

129
g-index

374
ext. papers

21,913
ext. citations

9.3
avg, IF

7.17
L-index

#	Paper	IF	Citations
345	Two Dimensional Covalent Organic Frameworks: From Synthetic Strategies to Advanced optical-electrical-magnetic Functionalities.. <i>Advanced Materials</i> , 2022 , e2102290	24	13
344	Peri-Acenoacene for Solution Processed Distributed Feedback Laser: The Effect of 1,2-Oxaborine Doping. <i>Advanced Optical Materials</i> , 2022 , 10, 2102782	8.1	2
343	Negative Phototransistors with Ultrahigh Sensitivity and Weak-Light Detection Based on 1D/2D Molecular Crystal p-n Heterojunctions and their Application in Light Encoders.. <i>Advanced Materials</i> , 2022 , e2201364	24	5
342	Degradation Chemistry and Kinetic Stabilization of Magnetic CrI.. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	3
341	Cobalt(III) corrole-tethered semiconducting graphdiyne film for efficient electrocatalysis of oxygen reduction reaction. <i>Materials Today Chemistry</i> , 2022 , 25, 100932	6.2	
340	All are aromatic: A 3D globally aromatic cage containing five types of 2D aromatic macrocycles. <i>CheM</i> , 2021 ,	16.2	5
339	Overcrowded Ethylene-Bridged Nanohoop Dimers: Regioselective Synthesis, Multiconfigurational Electronic States, and Global Hückel/Möbius Aromaticity. <i>Journal of the American Chemical Society</i> , 2021 , 143, 20419-20430	16.4	5
338	Visualizing designer quantum states in stable macrocycle quantum corrals. <i>Nature Communications</i> , 2021 , 12, 5895	17.4	1
337	Fused Quinoidal Dithiophene-Based Helicenes: Synthesis by Intramolecular Radical-Radical Coupling Reactions and Dynamics of Interconversion of Enantiomers. <i>Angewandte Chemie</i> , 2021 , 133, 10414-10421	3.6	1
336	Fused Quinoidal Dithiophene-Based Helicenes: Synthesis by Intramolecular Radical-Radical Coupling Reactions and Dynamics of Interconversion of Enantiomers. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 10326-10333	16.4	3
335	Synthesis of a Highly Fluorescent Bis(1,4-oxaborine)pentacene. <i>ChemPlusChem</i> , 2021 , 86, 836-839	2.8	2
334	A Tetraindenone-Fused Bis(anthraoxa)quinodimethane with Nine Consecutively Fused Six-Membered Rings. <i>Organic Letters</i> , 2021 , 23, 3027-3031	6.2	3
333	Facile Synthesis of Aryl-Substituted Cycloarenes via Bismuth(III) Triflate-Catalyzed Cyclization of Vinyl Ethers. <i>CCS Chemistry</i> , 2021 , 3, 1445-1452	7.2	7
332	Isomeric Dibenzooheptazethrenes for Air-Stable Organic Field-Effect Transistors. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 16230-16236	16.4	12
331	Scholl Reaction of Perylene-Based Polyphenylene Precursors under Different Conditions: Formation of Hexagon or Octagon?. <i>Angewandte Chemie</i> , 2021 , 133, 17795-17804	3.6	5
330	Scholl Reaction of Perylene-Based Polyphenylene Precursors under Different Conditions: Formation of Hexagon or Octagon?. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 17654-17663	16.4	13
329	Highly Strained 1,8-Naphthalene-Bridged Cyclic Oligophenylenes and Their Open-Shell Diradical Dications. <i>Organic Letters</i> , 2021 , 23, 4860-4863	6.2	1

328	Isomeric Dibenzooheptazethrenes for Air-Stable Organic Field-Effect Transistors. <i>Angewandte Chemie</i> , 2021 , 133, 16366-16372	3.6	0
327	Machine Vision Automated Chiral Molecule Detection and Classification in Molecular Imaging. <i>Journal of the American Chemical Society</i> , 2021 , 143, 10177-10188	16.4	6
326	Open-Shell Graphene Fragments. <i>CheM</i> , 2021 , 7, 358-386	16.2	32
325	On-Surface Synthesis and Characterization of [7]Triangulene Quantum Ring. <i>Nano Letters</i> , 2021 , 21, 861-867	16.3	23
324	Global aromaticity in 2D macrocyclic polyradicaloids and 3D fully conjugated molecular cages 2021 , 405-447		
323	Tailoring long-range superlattice chirality in molecular self-assemblies weak fluorine-mediated interactions. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 21489-21495	3.6	0
322	Ultrahigh-yield on-surface synthesis and assembly of circumcoronene into a chiral electronic Kagome-honeycomb lattice. <i>Science Advances</i> , 2021 , 7,	14.3	10
321	On-surface synthesis of graphene nanostructures with π magnetism. <i>Chemical Society Reviews</i> , 2021 , 50, 3238-3262	58.5	23
320	Two-Dimensional Conjugated Covalent Organic Framework Films via Oxidative C-C Coupling Reactions at a Liquid-Liquid Interface. <i>Organic Materials</i> , 2021 , 03, 060-066	1.9	1
319	Synthesis and optical and electronic properties of one-dimensional sulfoxonium-based hybrid metal halide (CH)SOPbl. <i>Chemical Communications</i> , 2021 , 57, 5790-5793	5.8	
318	Facile Synthesis of Nitrogen-Doped [(6.)8]Cyclacene Carbon Nanobelts by a One-Pot Self-Condensation Reaction. <i>Journal of the American Chemical Society</i> , 2021 , 143, 2716-2721	16.4	25
317	Near-Infrared Lasing in Four-Zigzag Edged Nanographenes by 1D versus 2D Electronic π Conjugation. <i>Advanced Functional Materials</i> , 2021 , 31, 2105073	15.6	7
316	Synthesis and Structural Elucidation of Bisdibenzocorannulene in Multiple Redox States. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 19790-19796	16.4	2
315	Facile Synthesis of a Fully Fused, Three-Dimensional π Conjugated Archimedean Cage with Magnetically Shielded Cavity. <i>Journal of the American Chemical Society</i> , 2021 , 143, 14314-14321	16.4	5
314	Expanded Kekulenes. <i>Journal of the American Chemical Society</i> , 2021 , 143, 13908-13916	16.4	8
313	Synthesis and Structural Elucidation of Bisdibenzocorannulene in Multiple Redox States. <i>Angewandte Chemie</i> , 2021 , 133, 19943-19949	3.6	0
312	Synthesis and Chiral Resolution of Twisted Carbon Nanobelts. <i>Journal of the American Chemical Society</i> , 2021 , 143, 15924-15929	16.4	12
311	On-Surface Synthesis of Variable Bandgap Nanoporous Graphene. <i>Small</i> , 2021 , 17, e2102246	11	2

310	1,6-Anthrazoline-Linked π -Conjugated Macrocycles and Two-Dimensional Polymer via Friedländer Synthesis. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 25323-25327	16.4	2
309	Benzo[1,2-c;4,5-c']bis[1,2,5]thiadiazole-porphyrin-based near-infrared dyes. <i>SmartMat</i> , 2021 , 2, 398-405	22.8	3
308	A cyclopenta-fused dibenzo[,]thiophene--phenanthrene macrocyclic tetraradicaloid. <i>Chemical Science</i> , 2021 , 12, 3952-3957	9.4	6
307	Stable Olympicyenyl Radicals and Their π -Dimers. <i>Journal of the American Chemical Society</i> , 2020 , 142, 11022-11031	16.4	22
306	Metal oxide heterojunctions for high performance solution grown oxide thin film transistors. <i>Applied Surface Science</i> , 2020 , 527, 146774	6.7	10
305	Benzidine/Quinoidal-Benzidine-Linked, Superbenzene-Based π -Conjugated Chiral Macrocycles and Cyclophanes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 9727-9735	16.4	13
304	Benzidine/Quinoidal-Benzidine-Linked, Superbenzene-Based π -Conjugated Chiral Macrocycles and Cyclophanes. <i>Angewandte Chemie</i> , 2020 , 132, 9814-9822	3.6	5
303	Large Aromatic Hydrocarbon Radical Cation with Global Aromaticity and State-Associated Magnetic Activity. <i>Chemistry of Materials</i> , 2020 , 32, 5927-5936	9.6	10
302	Thermally Induced Chiral Aggregation of Dihydrobenzopyrenone on Au(111). <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 35547-35554	9.5	2
301	Real-Space Imaging of a Single-Molecule Monoradical Reaction. <i>Journal of the American Chemical Society</i> , 2020 , 142, 13550-13557	16.4	6
300	A Chichibabin's Hydrocarbon-Based Molecular Cage: The Impact of Structural Rigidity on Dynamics, Stability, and Electronic Properties. <i>Journal of the American Chemical Society</i> , 2020 , 142, 12730-12742	16.4	18
299	Ring-expansion approach towards extended asymmetric benzopentafulvalenes: overcrowded olefinic structure and chain length-dependent properties. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 2247-2254 ^{5.2}	5.2	2
298	A Stable All-Thiophene-Based Core-Modified [38]Octaphyrin Diradicaloid: Conformation and Aromaticity Switch at Different Oxidation States. <i>Angewandte Chemie</i> , 2020 , 132, 7484-7488	3.6	6
297	3D global aromaticity in a fully conjugated diradicaloid cage at different oxidation states. <i>Nature Chemistry</i> , 2020 , 12, 242-248	17.6	59
296	Cove-Edged Nanographenes with Localized Double Bonds. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8113-8117	16.4	12
295	Porphyrin/Quinoidal-Bithiophene-Based Macrocycles and Their Dications: Template-Free Synthesis and Global Aromaticity. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 2230-2234	16.4	13
294	Sulfur-Doped (Dibenzo)heptazethrene and (Dibenzo)octazethrene Diradicaloids. <i>Journal of Organic Chemistry</i> , 2020 , 85, 234-240	4.2	5
293	Porphyrin/Quinoidal-Bithiophene-Based Macrocycles and Their Dications: Template-Free Synthesis and Global Aromaticity. <i>Angewandte Chemie</i> , 2020 , 132, 2250-2254	3.6	2

292	Fine-tuning the diradical character of molecular systems via the heteroatom effect. <i>Chemical Communications</i> , 2020 , 56, 1405-1408	5.8	18
291	A sulfur-containing hetero-octulene: synthesis, host-guest properties, and transistor applications. <i>Chemical Communications</i> , 2020 , 56, 9990-9993	5.8	8
290	Molecular functionalization of all-inorganic perovskite CsPbBr ₃ thin films. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 12587-12598	7.1	2
289	Chemical design and synthesis of superior single-atom electrocatalysts via in situ polymerization. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 17683-17690	13	7
288	A Stable Nitrogen-centered Bis(imino)perylene Dimer-based Diradicaloid. <i>Asian Journal of Organic Chemistry</i> , 2020 , 9, 1798-1801	3	0
287	Atomic-Level Electronic Properties of Carbon Nitride Monolayers. <i>ACS Nano</i> , 2020 , 14, 14008-14016	16.7	7
286	Dual Amplified Spontaneous Emission and Lasing from Nanographene Films. <i>Nanomaterials</i> , 2020 , 10,	5.4	7
285	2,6-/1,5-Naphthoquinodimethane bridged porphyrin dimer diradicaloids. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020 , 24, 220-229	1.8	6
284	Cove-Edged Nanographenes with Localized Double Bonds. <i>Angewandte Chemie</i> , 2020 , 132, 8190-8194	3.6	7
283	Perylene-Fused, Aggregation-Free Polycyclic Aromatic Hydrocarbons for Solution-Processed Distributed Feedback Lasers. <i>Angewandte Chemie</i> , 2020 , 132, 15037-15044	3.6	4
282	A Stable All-Thiophene-Based Core-Modified [38]Octaphyrin Diradicaloid: Conformation and Aromaticity Switch at Different Oxidation States. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 7414-7418	16.4	15
281	Perylene-Fused, Aggregation-Free Polycyclic Aromatic Hydrocarbons for Solution-Processed Distributed Feedback Lasers. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 14927-14934	16.4	9
280	A molecular movie of ultrafast singlet fission. <i>Nature Communications</i> , 2019 , 10, 4207	17.4	41
279	[6]Cyclo-phenylmethine: An Analog of Benzene Showing Global Aromaticity and Open-Shell Diradical Character. <i>Journal of the American Chemical Society</i> , 2019 , 141, 16266-16270	16.4	25
278	Controllable Self-Assembly of PTCDI-C8 for High Mobility Low-Dimensional Organic Field-Effect Transistors. <i>ACS Applied Electronic Materials</i> , 2019 , 1, 2030-2036	4	11
277	Anion and anion radical interactions in bis(triphenylphosphonium)-naphthalene diimide salts. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 110-115	5.2	9
276	peri-Acenoacenes. <i>Chemical Communications</i> , 2019 , 55, 5567-5570	5.8	23
275	A BODIPY-Bridged Bisphenoxy Diradicaloid: Solvent-Dependent Diradical Character and Physical Properties. <i>Molecules</i> , 2019 , 24,	4.8	8

274	Dicyclopenta[4,3,2,1-ghi:4',3',2',1'-pqr]perylene: A Bowl-Shaped Fragment of Fullerene C with Global Antiaromaticity. <i>Journal of the American Chemical Society</i> , 2019 , 141, 7266-7270	16.4	23
273	Bowl-Shaped Carbon Nanobelts Showing Size-Dependent Properties and Selective Encapsulation of C. <i>Journal of the American Chemical Society</i> , 2019 , 141, 5934-5941	16.4	36
272	Long rylene nanoribbons express polyacetylene-like signatures at their edges. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 7281-7287	3.6	3
271	Room-Temperature Magnets Based on 1,3,5-Triazine-Linked Porous Organic Radical Frameworks. <i>Chem</i> , 2019 , 5, 1223-1234	16.2	41
270	Dearomatization Approach Toward a Superbenzoquinone-Based Diradicaloid, Tetraradicaloid, and Hexaradicaloid. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 14319-14326	16.4	14
269	Dearomatization Approach Toward a Superbenzoquinone-Based Diradicaloid, Tetraradicaloid, and Hexaradicaloid. <i>Angewandte Chemie</i> , 2019 , 131, 14457-14464	3.6	8
268	Global Aromaticity in Macrocyclic Polyradicaloids: Hückel's Rule or Baird's Rule?. <i>Accounts of Chemical Research</i> , 2019 , 52, 2309-2321	24.3	85
267	Perylene Bridges Equally Delocalize Anions and Cations: Proportioned Quinoidal and Aromatic Content. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 14467-14471	16.4	16
266	Giant gate-tunable bandgap renormalization and excitonic effects in a 2D semiconductor. <i>Science Advances</i> , 2019 , 5, eaaw2347	14.3	37
265	Perylene Bridges Equally Delocalize Anions and Cations: Proportioned Quinoidal and Aromatic Content. <i>Angewandte Chemie</i> , 2019 , 131, 14609-14613	3.6	10
264	Solution-processed nanographene distributed feedback lasers. <i>Nature Communications</i> , 2019 , 10, 3327	17.4	41
263	Atomically precise bottom-up synthesis of extended [5]triangulene. <i>Science Advances</i> , 2019 , 5, eaav7717	14.3	86
262	Nitrogen-doped heptazethrene and octazethrene diradicaloids. <i>Chemical Communications</i> , 2019 , 55, 9100-9103	5.8	12
261	Synthesis and Characterization of Oxygen-Embedded Quinoidal Pentacene and Nonacene. <i>Journal of the American Chemical Society</i> , 2019 , 141, 2169-2176	16.4	28
260	Switching between Coherent and Incoherent Singlet Fission via Solvent-Induced Symmetry Breaking. <i>Journal of the American Chemical Society</i> , 2019 , 141, 17558-17570	16.4	45
259	From All-Triazine C ₃ N ₃ Framework to Nitrogen-Doped Carbon Nanotubes: Efficient and Durable Trifunctional Electrocatalysts. <i>ACS Applied Nano Materials</i> , 2019 , 2, 7969-7977	5.6	27
258	Strain-Induced Isomerization in One-Dimensional Metal-Organic Chains. <i>Angewandte Chemie</i> , 2019 , 131, 18764-18770	3.6	13
257	Strain-Induced Isomerization in One-Dimensional Metal-Organic Chains. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 18591-18597	16.4	29

256	Pushpull type quinoidal perylene showing solvent polarity dependent diradical character and negative solvatochromism. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 2668-2672	7.8	5
255	Surface molecular doping of all-inorganic perovskite using zethrenes molecules. <i>Nano Research</i> , 2019 , 12, 77-84	10	12
254	Perylene Monoimide Dimers Enhance Ternary Organic Solar Cells Efficiency by Induced Disorder Crystallinity. <i>ACS Applied Energy Materials</i> , 2019 , 2, 305-311	6.1	9
253	[n]Cyclo-para-biphenylmethine Polyradicaloids: [n]Annulene Analogs and Unusual Valence Tautomerization. <i>Chem</i> , 2019 , 5, 108-121	16.2	13
252	Stable 2D anti-ferromagnetically coupled fluorenyl radical dendrons. <i>Chemical Science</i> , 2018 , 9, 3395-3400	9.4	2
251	From Open-Shell Singlet Diradicaloid to Closed-Shell Global Antiaromatic Macrocycles. <i>Angewandte Chemie</i> , 2018 , 130, 7284-7288	3.6	13
250	Graphene-like Molecules with Four Zigzag Edges. <i>Angewandte Chemie</i> , 2018 , 130, 6651-6655	3.6	26
249	Graphene-like Molecules with Four Zigzag Edges. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6541-6545	16.4	50
248	From Open-Shell Singlet Diradicaloid to Closed-Shell Global Antiaromatic Macrocycles. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7166-7170	16.4	26
247	Hexakis(3,6-di-tert-butyl-4-oxo-2,5-cyclohexadien-1-ylidene)cyclohexane: Closed-Shell [6]Radialene or Open-Shell Hexa-Radicaloid?. <i>Chemistry - A European Journal</i> , 2018 , 24, 9499-9503	4.8	1
246	From open-shell singlet diradicaloids to polyradicaloids. <i>Chemical Communications</i> , 2018 , 54, 2186-2199	5.8	143
245	Stable Nitrogen-Centered Bis(imino)rylene Diradicaloids. <i>Chemistry - A European Journal</i> , 2018 , 24, 4944-4951	4.951	11
244	Tetrabenzo-Chichibabin's hydrocarbons: substituent effects and unusual thermochromic and thermomagnetic behaviours. <i>Chemical Communications</i> , 2018 , 54, 2389-2392	5.8	12
243	Fabrication of Mesoporous Titania Nanoparticles with Controlled Porosity and Connectivity for Studying the Photovoltaic Properties in Perovskite Solar Cells. <i>ChemNanoMat</i> , 2018 , 4, 394-400	3.5	6
242	Front Cover: Toward Long Rylene Ribbons and Quinoidal Rylene Diradicaloids (Eur. J. Org. Chem. 1/2018). <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 1-1	3.2	
241	Solution-processed high performance organic thin film transistors enabled by roll-to-roll slot die coating technique. <i>Organic Electronics</i> , 2018 , 54, 80-88	3.5	31
240	Stable meso-Fluorenyl Smaragdyrin Monoradical. <i>Organic Letters</i> , 2018 , 20, 445-448	6.2	8
239	Macrocyclic Polyradicaloids with Unusual Super-ring Structure and Global Aromaticity. <i>Chem</i> , 2018 , 4, 1586-1595	16.2	79

238	Global Aromaticity in Macrocyclic Cyclopenta-Fused Tetraphenanthrenylene Tetraradicaloid and Its Charged Species. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13052-13056	16.4	35
237	Toward Two-Dimensional π Conjugated Covalent Organic Radical Frameworks. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8007-8011	16.4	94
236	Stable Expanded Porphycene-Based Diradicaloid and Tetraradicaloid. <i>Angewandte Chemie</i> , 2018 , 130, 12714-12717	3.6	3
235	Stable Expanded Porphycene-Based Diradicaloid and Tetraradicaloid. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 12534-12537	16.4	19
234	Anion- π Interactions of highly π acidic dipyridinium-naphthalene diimide salts. <i>Chemical Communications</i> , 2018 , 54, 7374-7377	5.8	14
233	Tuneable near white-emissive two-dimensional covalent organic frameworks. <i>Nature Communications</i> , 2018 , 9, 2335	17.4	159
232	Toward Long Rylene Ribbons and Quinoidal Rylene Diradicaloids. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 7-17	3.2	17
231	BODIPY-Based Antiaromatic Macrocycles: Facile Synthesis by Knoevenagel Condensation and Unusual Aggregation-Enhanced Two-Photon Absorption Properties. <i>Chemistry - A European Journal</i> , 2018 , 24, 2232-2241	4.8	15
230	Two-dimensional tessellation by molecular tiles constructed from halogen-halogen and halogen-metal networks. <i>Nature Communications</i> , 2018 , 9, 4871	17.4	22
229	Triphenylethylene- and Tetraphenylethylene-Functionalized 1,3-Bis(pyrrol-2-yl)squaraine Dyes: Synthesis, Aggregation-Caused Quenching to Aggregation-Induced Emission, and Thiol Detection. <i>ACS Omega</i> , 2018 , 3, 16424-16435	3.9	15
228	Superoctazethrene: An Open-Shell Graphene-like Molecule Possessing Large Diradical Character but Still with Reasonable Stability. <i>Journal of the American Chemical Society</i> , 2018 , 140, 14054-14058	16.4	48
227	Global Aromaticity in Macrocyclic Cyclopenta-Fused Tetraphenanthrenylene Tetraradicaloid and Its Charged Species. <i>Angewandte Chemie</i> , 2018 , 130, 13236-13240	3.6	13
226	Toward Two-Dimensional π Conjugated Covalent Organic Radical Frameworks. <i>Angewandte Chemie</i> , 2018 , 130, 8139-8143	3.6	20
225	Curved π conjugated corannulene dimer diradicaloids. <i>Chemical Science</i> , 2018 , 9, 5100-5105	9.4	17
224	A Peri-tetracene Diradicaloid: Synthesis and Properties. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9697-9701	16.4	60
223	A Peri-tetracene Diradicaloid: Synthesis and Properties. <i>Angewandte Chemie</i> , 2018 , 130, 9845-9849	3.6	27
222	Radical and Diradical Formation in Naphthalene Diimides through Simple Chemical Oxidation. <i>ChemPhysChem</i> , 2017 , 18, 591-595	3.2	17
221	Rylene Ribbons with Unusual Diradical Character. <i>Chem</i> , 2017 , 2, 81-92	16.2	82

220	Molecular Alignment and Electronic Structure of N,N'-Dibutyl-3,4,9,10-perylene-tetracarboxylic-diimide Molecules on MoS Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 5566-5573	9.5	17
219	Toward Stable Superbenzoquinone Diradicaloids. <i>Angewandte Chemie</i> , 2017 , 129, 5094-5098	3.6	18
218	A Stable N-Annulated Perylene-Bridged Bisphenoxyl Diradicaloid and the Corresponding Boron Trifluoride Complex. <i>Chemistry - A European Journal</i> , 2017 , 23, 9419-9424	4.8	11
217	Push-pull type meso-ester substituted BODIPY near-infrared dyes as contrast agents for photoacoustic imaging. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 4531-4535	3.9	14
216	Enhanced Performance and Stability of Polymer Solar Cells by In Situ Formed AlOx Passivation and Doping. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 10275-10281	3.8	10
215	Push-Pull-Type Polychlorotriphenylmethyl Radicals: New Two-Photon Absorbers and Dyes for Generation of Photo-Charges. <i>Chemistry - A European Journal</i> , 2017 , 23, 7698-7702	4.8	16
214	A facile approach toward 1,2-diazabenz[ghi]perylene derivatives: structures and electronic properties. <i>Chemical Communications</i> , 2017 , 53, 6740-6743	5.8	9
213	Toward Benzobis(thiadiazole)-based Diradicaloids. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 2177-2182	4.5	16
212	After 60 Years of Efforts: The Chemical Synthesis of a Carbon Nanobelt. <i>CheM</i> , 2017 , 2, 619-620	16.2	30
211	Ambient Stable Radical Cations, Diradicaloid Dimeric Dications, Closed-Shell Dications, and Diradical Dications of Methylthio-Capped Rylenes. <i>Chemistry - A European Journal</i> , 2017 , 23, 7595-7606	4.8	10
210	BODIPY blocked anthroxyl radicals: the substituent effect on reactivity and fluorescence turn-on detection of a hydroxyl radical. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 3188-3191	3.9	5
209	Toward Stable Superbenzoquinone Diradicaloids. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 5012-5016	16.4	32
208	9. Polycyclic Hydrocarbons with an Open-Shell Ground State 2017 ,		1
207	A Three-Dimensionally π Conjugated Diradical Molecular Cage. <i>Angewandte Chemie</i> , 2017 , 129, 15585-15589	3.9	13
206	A Three-Dimensionally π Conjugated Diradical Molecular Cage. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 15383-15387	16.4	35
205	Tuning magnetoresistance in molybdenum disulphide and graphene using a molecular spin transition. <i>Nature Communications</i> , 2017 , 8, 677	17.4	17
204	B-N-B Bond Embedded Phenalenyl and Its Anions. <i>Journal of the American Chemical Society</i> , 2017 , 139, 15760-15767	16.4	57
203	Fluorenyl Based Macrocyclic Polyradicaloids. <i>Journal of the American Chemical Society</i> , 2017 , 139, 13173-13183	16.4	44

202	Stable Oxindolyl-Based Analogues of Chichibabin's and Miller's Hydrocarbons. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14154-14158	16.4	22
201	Bay- and Ortho-Octasubstituted Perylenes. <i>Organic Letters</i> , 2017 , 19, 5094-5097	6.2	14
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