

Jishan Wu

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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	Graphenes as potential material for electronics. <i>Chemical Reviews</i> , 2007 , 107, 718-47	68.1	2216
344	Graphene/Polyaniline Nanofiber Composites as Supercapacitor Electrodes. <i>Chemistry of Materials</i> , 2010 , 22, 1392-1401	9.6	1884
343	Low band gap polycyclic hydrocarbons: from closed-shell near infrared dyes and semiconductors to open-shell radicals. <i>Chemical Society Reviews</i> , 2012 , 41, 7857-89	58.5	486
342	Far-red and near infrared BODIPY dyes: synthesis and applications for fluorescent pH probes and bio-imaging. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 3774-91	3.9	467
341	Pro-aromatic and anti-aromatic π -conjugated molecules: an irresistible wish to be diradicals. <i>Chemical Society Reviews</i> , 2015 , 44, 6578-96	58.5	399
340	Zethrenes, extended p-quinodimethanes, and periacenes with a singlet biradical ground state. <i>Accounts of Chemical Research</i> , 2014 , 47, 2582-91	24.3	329
339	From graphite molecules to columnar superstructures: an exercise in nanoscience. <i>Journal of Materials Chemistry</i> , 2004 , 14, 494-504		264
338	N-annulated perylene as an efficient electron donor for porphyrin-based dyes: enhanced light-harvesting ability and high-efficiency Co(II/III)-based dye-sensitized solar cells. <i>Journal of the American Chemical Society</i> , 2014 , 136, 265-72	16.4	262
337	Graphene oxide/ferric hydroxide composites for efficient arsenate removal from drinking water. <i>Journal of Hazardous Materials</i> , 2010 , 182, 162-8	12.8	261
336	Poly(2,7-carbazole) and perylene tetracarboxydiimide: a promising donor/acceptor pair for polymer solar cells. <i>Journal of Materials Chemistry</i> , 2006 , 16, 96-100		261
335	Graphene/nanosized silicon composites for lithium battery anodes with improved cycling stability. <i>Carbon</i> , 2011 , 49, 1787-1796	10.4	248
334	Surfactant-intercalated, chemically reduced graphene oxide for high performance supercapacitor electrodes. <i>Journal of Materials Chemistry</i> , 2011 , 21, 7302		243
333	Nanostructured MnO ₂ /graphene composites for supercapacitor electrodes: the effect of morphology, crystallinity and composition. <i>Journal of Materials Chemistry</i> , 2012 , 22, 1845-1851		228
332	Surfactant-stabilized graphene/polyaniline nanofiber composites for high performance supercapacitor electrode. <i>Journal of Materials Chemistry</i> , 2012 , 22, 80-85		221
331	Kinetically blocked stable heptazethrene and octazethrene: closed-shell or open-shell in the ground state?. <i>Journal of the American Chemical Society</i> , 2012 , 134, 14913-22	16.4	213
330	Hexakis(4-iodophenyl)-peri-hexabenzocoronene- a versatile building block for highly ordered discotic liquid crystalline materials. <i>Journal of the American Chemical Society</i> , 2004 , 126, 177-86	16.4	188
329	High anisotropy of the field-effect transistor mobility in magnetically aligned discotic liquid-crystalline semiconductors. <i>Journal of the American Chemical Society</i> , 2005 , 127, 16233-7	16.4	184

- 328 An acid-base-controllable [c2]daisy chain. *Angewandte Chemie - International Edition*, **2008**, 47, 7470-4 16.4 179
- 327 Stable tetrabenzochichibabin's hydrocarbons: tunable ground state and unusual transition between their closed-shell and open-shell resonance forms. *Journal of the American Chemical Society*, **2012**, 134, 14513-25 16.4 176
- 326 Acid-base actuation of [c2]daisy chains. *Journal of the American Chemical Society*, **2009**, 131, 7126-34 16.4 172
- 325 Tuneable near white-emissive two-dimensional covalent organic frameworks. *Nature Communications*, **2018**, 9, 2335 17.4 159
- 324 Tuneable Singlet Exciton Fission and Triplet-Triplet Annihilation in an Orthogonal Pentacene Dimer. *Advanced Functional Materials*, **2015**, 25, 5452-5461 15.6 155
- 323 Controlled self-assembly of hexa-peri-hexabenzocoronenes in solution. *Journal of the American Chemical Society*, **2004**, 126, 11311-21 16.4 154
- 322 Pushing extended p-quinodimethanes to the limit: stable tetracyano-oligo(N-annulated perylene)quinodimethanes with tunable ground states. *Journal of the American Chemical Society*, **2013**, 135, 6363-71 16.4 150
- 321 Soluble and stable heptazethrenebis(dicarboximide) with a singlet open-shell ground state. *Journal of the American Chemical Society*, **2011**, 133, 11896-9 16.4 148
- 320 Dibenzohaptazethrene isomers with different biradical characters: an exercise of Clar's aromatic sextet rule in singlet biradicaloids. *Journal of the American Chemical Society*, **2013**, 135, 18229-36 16.4 147
- 319 From open-shell singlet diradicaloids to polyradicaloids. *Chemical Communications*, **2018**, 54, 2186-2199 5.8 143
- 318 Open-shell polycyclic aromatic hydrocarbons. *Journal of Materials Chemistry*, **2012**, 22, 4151-4160 14.1
- 317 From Branched Polyphenylenes to Graphite Ribbons. *Macromolecules*, **2003**, 36, 7082-7089 5.5 117
- 316 Tuning the role of charge-transfer states in intramolecular singlet exciton fission through side-group engineering. *Nature Communications*, **2016**, 7, 13622 17.4 117
- 315 Triangle-shaped polycyclic aromatic hydrocarbons. *Angewandte Chemie - International Edition*, **2007**, 46, 3033-6 16.4 116
- 314 New Discotic Mesogens Based on Triphenylene-Fused Triazatruxenes: Synthesis, Physical Properties, and Self-Assembly. *Chemistry of Materials*, **2010**, 22, 435-449 9.6 110
- 313 Controlled growth of large-area high-performance small-molecule organic single-crystalline transistors by slot-die coating using a mixed solvent system. *Advanced Materials*, **2013**, 25, 6442-7 24 108
- 312 Perylene-fused BODIPY dye with near-IR absorption/emission and high photostability. *Organic Letters*, **2011**, 13, 632-5 6.2 108
- 311 Ag₂CO₃/UiO-66(Zr) composite with enhanced visible-light promoted photocatalytic activity for dye degradation. *Journal of Hazardous Materials*, **2015**, 299, 132-40 12.8 107

310	Efficient production of [n]rotaxanes by using template-directed clipping reactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 17266-71	11.5	107
309	Perylene anhydride fused porphyrins as near-infrared sensitizers for dye-sensitized solar cells. <i>Organic Letters</i> , 2011 , 13, 3652-5	6.2	105
308	Carbonization of dislike molecules in porous alumina membranes: toward carbon nanotubes with controlled graphene-layer orientation. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 2120-3	16.4	105
307	Engineering a FRET strategy to achieve a ratiometric two-photon fluorescence response with a large emission shift and its application to fluorescence imaging. <i>Chemical Science</i> , 2015 , 6, 2360-2365	9.4	95
306	Toward Two-Dimensional π Conjugated Covalent Organic Radical Frameworks. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8007-8011	16.4	94
305	Hexa-peri-hexabenzocoronenes by efficient oxidative cyclodehydrogenation: the role of the oligophenylene precursors. <i>Organic Letters</i> , 2006 , 8, 1145-8	6.2	94
304	Graphene and Graphene-like Molecules: Prospects in Solar Cells. <i>Journal of the American Chemical Society</i> , 2016 , 138, 1095-102	16.4	93
303	Benzenoid polycyclic hydrocarbons with an open-shell biradical ground state. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 2894-904	4.5	93
302	Structural evolution of hexa-peri-hexabenzocoronene adlayers in heteroepitaxy on n-pentacontane template monolayers. <i>Journal of the American Chemical Society</i> , 2005 , 127, 16245-50	16.4	90
301	From branched hydrocarbon propellers to C ₃ -symmetric graphite disks. <i>Journal of Organic Chemistry</i> , 2004 , 69, 5179-86	4.2	90
300	Higher Order π Conjugated Polycyclic Hydrocarbons with Open-Shell Singlet Ground State: Nonazethrene versus Nonacene. <i>Journal of the American Chemical Society</i> , 2016 , 138, 10323-30	16.4	89
299	Tetracyanoquaterrylene and tetracyanohexarylenequinodimethanes with tunable ground states and strong near-infrared absorption. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 8561-5	16.4	88
298	Enhanced visible-light photocatalytic performance of BiOBr/Uio-66(Zr) composite for dye degradation with the assistance of Uio-66. <i>RSC Advances</i> , 2015 , 5, 39592-39600	3.7	86
297	Atomically precise bottom-up synthesis of π extended [5]triangulene. <i>Science Advances</i> , 2019 , 5, eaav7717	14.3	86
296	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
295	BODIPY-fused porphyrins as soluble and stable near-IR dyes. <i>Chemistry - A European Journal</i> , 2011 , 17, 6610-4	4.8	84
294	Rylene Ribbons with Unusual Diradical Character. <i>Chem</i> , 2017 , 2, 81-92	16.2	82
293	Benzene-fused BODIPYs: synthesis and the impact of fusion mode. <i>Chemical Communications</i> , 2013 , 49, 1217-9	5.8	81

292	Stepwise cyanation of naphthalene diimide for n-channel field-effect transistors. <i>Organic Letters</i> , 2012 , 14, 2964-7	6.2	80
291	N-annulated perylene fused porphyrins with enhanced near-IR absorption and emission. <i>Organic Letters</i> , 2010 , 12, 4046-9	6.2	80
290	Solid-state pyrolyses of metal phthalocyanines: a simple approach towards nitrogen-doped CNTs and metal/carbon nanocables. <i>Small</i> , 2005 , 1, 798-801	11	80
289	Macrocyclic Polyradicaloids with Unusual Super-ring Structure and Global Aromaticity. <i>Chem</i> , 2018 , 4, 1586-1595	16.2	79
288	A Diradical Approach towards BODIPY-Based Dyes with Intense Near-Infrared Absorption around 1100 nm. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2815-9	16.4	79
287	Efficient Singlet Fission and Triplet-Pair Emission in a Family of Zethrene Diradicaloids. <i>Journal of the American Chemical Society</i> , 2017 , 139, 18376-18385	16.4	78
286	Pyrolyzed graphene oxide/resorcinol-formaldehyde resin composites as high-performance supercapacitor electrodes. <i>Journal of Materials Chemistry</i> , 2011 , 21, 2663		78
285	Nanotubes fabricated from Ni-naphthalocyanine by a template method. <i>Journal of the American Chemical Society</i> , 2005 , 127, 12792-3	16.4	78
284	Anthracene-fused BODIPYs as near-infrared dyes with high photostability. <i>Organic Letters</i> , 2011 , 13, 6026-9	6.2	77
283	Arylamine-substituted hexa-peri-hexabenzocoronenes: facile synthesis and their potential applications as "coaxial" hole-transport materials. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 5331-5	16.4	77
282	Push-Pull Type Oligo(N-annulated perylene)quinodimethanes: Chain Length and Solvent-Dependent Ground States and Physical Properties. <i>Journal of the American Chemical Society</i> , 2015 , 137, 8572-83	16.4	76
281	Toward Tetraradicaloid: The Effect of Fusion Mode on Radical Character and Chemical Reactivity. <i>Journal of the American Chemical Society</i> , 2016 , 138, 1065-77	16.4	76
280	Synthesis, self-assembly, and charge transporting property of contorted tetrabenzocoronenes. <i>Journal of Organic Chemistry</i> , 2010 , 75, 8069-77	4.2	75
279	Reinforced self-assembly of hexa-peri-hexabenzocoronenes by hydrogen bonds: from microscopic aggregates to macroscopic fluorescent organogels. <i>Chemistry - A European Journal</i> , 2008 , 14, 240-9	4.8	70
278	meso-Substituted bisanthrenes as soluble and stable near-infrared dyes. <i>Journal of Organic Chemistry</i> , 2010 , 75, 856-63	4.2	69
277	Soluble and stable zethrenebis(dicarboximide) and its quinone. <i>Organic Letters</i> , 2010 , 12, 4690-3	6.2	68
276	Influence of molecular conformation on organic/metal interface energetics. <i>Chemical Physics Letters</i> , 2005 , 413, 390-395	2.5	66
275	Bisanthracene bis(dicarboxylic imide)s as soluble and stable NIR dyes. <i>Chemistry - A European Journal</i> , 2009 , 15, 9299-302	4.8	65

- 274 Bis-N-annulated quaterrylenebis(dicarboximide) as a new soluble and stable near-infrared dye. *Organic Letters*, **2009**, 11, 4508-11 6.2 65
- 273 Fully Fused Quinoidal/Aromatic Carbazole Macrocycles with Poly-radical Characters. *Journal of the American Chemical Society*, **2016**, 138, 7782-90 16.4 63
- 272 Bismuth tungstate incorporated zirconium metal-organic framework composite with enhanced visible-light photocatalytic performance. *RSC Advances*, **2014**, 4, 64977-64984 3.7 63
- 271 The versatile synthesis and self-assembly of star-type hexabenzocoronenes. *Angewandte Chemie - International Edition*, **2003**, 42, 5329-33 16.4 63
- 270 Cyanated diazatetracene diimides with ultrahigh electron affinity for n-channel field effect transistors. *Organic Letters*, **2013**, 15, 1194-7 6.2 61
- 269 A cruciform 6,6'-dipentacenyl: synthesis, solid-state packing and applications in thin-film transistors. *Chemistry - A European Journal*, **2010**, 16, 464-8 4.8 60
- 268 A Peri-tetracene Diradicaloid: Synthesis and Properties. *Angewandte Chemie - International Edition*, **2018**, 57, 9697-9701 16.4 60
- 267 3D global aromaticity in a fully conjugated diradicaloid cage at different oxidation states. *Nature Chemistry*, **2020**, 12, 242-248 17.6 59
- 266 Electron-deficient triphenylene and trinaphthylene carboximides. *Organic Letters*, **2009**, 11, 3028-31 6.2 59
- 265 Super-heptazethrene. *Angewandte Chemie - International Edition*, **2016**, 55, 8615-9 16.4 59
- 264 B-N-B Bond Embedded Phenalenyl and Its Anions. *Journal of the American Chemical Society*, **2017**, 139, 15760-15767 16.4 57
- 263 Oligomers of hexa-peri-hexabenzocoronenes as "super-oligophenylenes": synthesis, electronic properties, and self-assembly. *Journal of Organic Chemistry*, **2004**, 69, 8194-204 4.2 57
- 262 Solution-processed LiF-doped ZnO films for high performance low temperature field effect transistors and inverted solar cells. *ACS Applied Materials & Interfaces*, **2013**, 5, 6687-93 9.5 56
- 261 A kinetically blocked 1,14:11,12-dibenzopentacene: a persistent triplet diradical of a non-Kekulé polycyclic benzenoid hydrocarbon. *Chemical Science*, **2014**, 5, 1908 9.4 55
- 260 Solid-state synthesis of "bamboo-like" and straight carbon nanotubes by thermolysis of hexa-peri-hexabenzocoronene-cobalt complexes. *Small*, **2005**, 1, 210-2 11 55
- 259 Lateral extension of π -conjugation along the bay regions of bisanthene through a Diels-Alder cycloaddition reaction. *Chemistry - A European Journal*, **2011**, 17, 14672-80 4.8 51
- 258 Fused bispentacenequinone and its unexpected Michael addition. *Organic Letters*, **2010**, 12, 3946-9 6.2 51
- 257 New carbon-rich materials for electronics, lithium battery, and hydrogen storage applications. *Chemical Communications*, **2005**, 2197-204 5.8 51

256	Graphene-like Molecules with Four Zigzag Edges. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6541-6545	16.4	50
255	Disc-like 7, 14-dicyano-ovalene-3,4:10,11-bis(dicarboximide) as a solution-processible n-type semiconductor for air stable field-effect transistors. <i>Chemical Science</i> , 2012 , 3, 846-850	9.4	50
254	An AcidBase-Controllable [c2]Daisy Chain. <i>Angewandte Chemie</i> , 2008 , 120, 7580-7584	3.6	50
253	Solution processed F doped ZnO (ZnO:F) for thin film transistors and improved stability through co-doping with alkali metals. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 1787-1793	7.1	49
252	A soluble and stable quinoidal bisanthene with NIR absorption and amphoteric redox behavior. <i>Organic Letters</i> , 2009 , 11, 4854-7	6.2	49
251	Synthesis of [n]rotaxanes by template-directed clipping: the role of the dialkylammonium recognition sites. <i>Organic Letters</i> , 2010 , 12, 1712-5	6.2	48
250	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
249	Enhanced Photocatalytic Activity of the AgI/UiO-66(Zr) Composite for Rhodamine B Degradation under Visible-Light Irradiation. <i>ChemPlusChem</i> , 2015 , 80, 1321-1328	2.8	47
248	meso-Ester and carboxylic acid substituted BODIPYs with far-red and near-infrared emission for bioimaging applications. <i>Chemistry - A European Journal</i> , 2014 , 20, 2301-10	4.8	47
247	Modern zethrene chemistry. <i>Canadian Journal of Chemistry</i> , 2017 , 95, 223-233	0.9	47
246	A water-soluble hexa-peri-hexabenzocoronene: synthesis, self-assembly and role as template for porous silica with aligned nanochannels. <i>Chemical Communications</i> , 2006 , 48-50	5.8	47
245	Combining one-, two- and three-dimensional polyphenylene nanostructures. <i>Journal of Materials Chemistry</i> , 2005 , 15, 41-52		46
244	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
243	Formation of [2]rotaxanes by encircling [20], [21] and [22]crown ethers onto the dibenzylammonium dumbbell. <i>Chemical Science</i> , 2012 , 3, 425-432	9.4	45
242	Phenalenyl-fused porphyrins with different ground states. <i>Chemical Science</i> , 2015 , 6, 2427-2433	9.4	44
241	Naphthalene-fused BODIPY near-infrared dye as a stable contrast agent for in vivo photoacoustic imaging. <i>Chemical Communications</i> , 2016 , 52, 11504-11507	5.8	44
240	Fluorenyl Based Macrocyclic Polyradicaloids. <i>Journal of the American Chemical Society</i> , 2017 , 139, 13173-13183	16.4	44
239	Self-assembly of amphiphilic imidazolium-based hexa-peri-hexabenzocoronenes into fibrous aggregates. <i>Chemical Communications</i> , 2007 , 2384-6	5.8	44

- 238 Turning on the biradical state of tetracyano-perylene and quaterrylenequinodimethanes by incorporation of additional thiophene rings. *Chemical Science*, **2014**, 5, 3072-3080 9.4 43
- 237 Elimination of burn-in open-circuit voltage degradation by ZnO surface modification in organic solar cells. *ACS Applied Materials & Interfaces*, **2015**, 7, 1608-15 9.5 43
- 236 N-Annulated perylene substituted zinc porphyrins with different linking modes and electron acceptors for dye sensitized solar cells. *Journal of Materials Chemistry A*, **2016**, 4, 8428-8434 13 43
- 235 A work-function tunable polyelectrolyte complex (PEI:PSS) as a cathode interfacial layer for inverted organic solar cells. *Journal of Materials Chemistry A*, **2014**, 2, 7788-7794 13 42
- 234 para-Quinodimethane-bridged perylene dimers and pericondensed quaterrylene: the effect of the fusion mode on the ground states and physical properties. *Chemistry - A European Journal*, **2014**, 20, 11410-20 4.8 42
- 233 Triphenylethylenyl-based donor-acceptor-donor molecules: studies on structural and optical properties and AIE properties for cyanide detection. *Journal of Materials Chemistry C*, **2017**, 5, 12194-12203 7.1 42
- 232 Partially stripped insulated nanowires: a lightly substituted hexa-peri-hexabenzocoronene-based columnar liquid crystal. *Chemical Communications*, **2004**, 336-7 5.8 42
- 231 A molecular movie of ultrafast singlet fission. *Nature Communications*, **2019**, 10, 4207 17.4 41
- 230 Room-Temperature Magnets Based on 1,3,5-Triazine-Linked Porous Organic Radical Frameworks. *CheM*, **2019**, 5, 1223-1234 16.2 41
- 229 Solution-processed nanographene distributed feedback lasers. *Nature Communications*, **2019**, 10, 3327 17.4 41
- 228 Efficient synthesis of a hetero[4]rotaxane by a "threading-stoppering-followed-by-clipping" approach. *Organic and Biomolecular Chemistry*, **2010**, 8, 2594-9 3.9 41
- 227 Construction of hetero[n]rotaxanes by use of polyfunctional rotaxane frameworks. *Journal of Organic Chemistry*, **2013**, 78, 11560-70 4.2 39
- 226 N-annulated perylene-based push-pull-type sensitizers. *Organic Letters*, **2015**, 17, 724-7 6.2 39
- 225 Triangle-Shaped Polycyclic Aromatic Hydrocarbons. *Angewandte Chemie*, **2007**, 119, 3093-3096 3.6 39
- 224 Hole mobility of 3.56 cm² V⁻¹ s⁻¹ accomplished using more extended dithienothiophene with furan flanked diketopyrrolopyrrole polymer. *Journal of Materials Chemistry C*, **2015**, 3, 9299-9305 7.1 37
- 223 Giant gate-tunable bandgap renormalization and excitonic effects in a 2D semiconductor. *Science Advances*, **2019**, 5, eaaw2347 14.3 37
- 222 Doubly and triply linked porphyrin-perylene monoimides as near IR dyes with large dipole moments and high photostability. *Journal of Organic Chemistry*, **2011**, 76, 661-4 4.2 37
- 221 Bowl-Shaped Carbon Nanobelts Showing Size-Dependent Properties and Selective Encapsulation of C. *Journal of the American Chemical Society*, **2019**, 141, 5934-5941 16.4 36

220	Polycyclic Aromatic Compounds for Organic Field-effect Transistors: Molecular Design and Syntheses. <i>Current Organic Chemistry</i> , 2007 , 11, 1220-1240	1.7	36
219	A Three-Dimensionally EConjugated Diradical Molecular Cage. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 15383-15387	16.4	35
218	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
217	Conjugated polyfluorene imidazolium ionic liquids intercalated reduced graphene oxide for high performance supercapacitor electrodes. <i>Nano Energy</i> , 2014 , 6, 119-128	17.1	35
216	Tetrakis(4-tert-butylphenyl) substituted and fused quinoidal porphyrins. <i>Chemical Communications</i> , 2012 , 48, 7684-6	5.8	35
215	Cetyltrimethylammonium bromide intercalated graphene/polypyrrole nanowire composites for high performance supercapacitor electrode. <i>RSC Advances</i> , 2012 , 2, 10610	3.7	35
214	Stable 3,6-Linked Fluorenyl Radical Oligomers with Intramolecular Antiferromagnetic Coupling and Polyradical Characters. <i>Journal of the American Chemical Society</i> , 2016 , 138, 13048-13058	16.4	35
213	Octazethrene and Its Isomer with Different Diradical Characters and Chemical Reactivity: The Role of the Bridge Structure. <i>Journal of Organic Chemistry</i> , 2016 , 81, 2911-9	4.2	34
212	Enhanced inverted organic solar cell performance by post-treatments of solution-processed ZnO buffer layers. <i>RSC Advances</i> , 2014 , 4, 6646	3.7	34
211	Towards meso-Ester BODIPYs with Aggregation-Induced Emission Properties: The Effect of Substitution Positions. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 1631-4	4.5	34
210	A p-quinodimethane-bridged porphyrin dimer. <i>Chemistry - A European Journal</i> , 2013 , 19, 16814-24	4.8	34
209	Low temperature aqueous solution-processed Li doped ZnO buffer layers for high performance inverted organic solar cells. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 6169-6175	7.1	33
208	Conformationally Flexible Bis(9-fluorenylidene)porphyrin Diradicaloids. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 13484-13488	16.4	33
207	Star-shaped hexa-peri-hexabenzocoronene "heptamer": synthesis and self-assembly. <i>Organic Letters</i> , 2005 , 7, 5761-4	6.2	33
206	Arylamine-Substituted Hexa-peri-hexabenzocoronenes: Facile Synthesis and Their Potential Applications as Coaxial-Hole-Transport Materials. <i>Angewandte Chemie</i> , 2004 , 116, 5445-5449	3.6	33
205	Toward Stable Superbenzoquinone Diradicaloids. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 5012-5016	16.4	32
204	Conformal graphene encapsulation of tin oxide nanoparticle aggregates for improved performance in reversible Li ⁺ storage. <i>Nanoscale</i> , 2013 , 5, 5965-72	7.7	32
203	Solvent molecules in an epitaxially grown scaffold of star-shaped nanographenes. <i>Journal of the American Chemical Society</i> , 2005 , 127, 14580-1	16.4	32

202	Open-Shell Graphene Fragments. <i>CheM</i> , 2021 , 7, 358-386	16.2	32
201	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
200	Indolo[2,3-b]carbazoles with tunable ground states: how Clar's aromatic sextet determines the singlet biradical character. <i>Chemical Science</i> , 2014 , 5, 4944-4952	9.4	31
199	7,14-Diaryl-substituted zethrene diimides as stable far-red dyes with tunable photophysical properties. <i>Journal of Organic Chemistry</i> , 2013 , 78, 9032-40	4.2	31
198	Octupolar polycyclic aromatic hydrocarbons as new two-photon absorption chromophores: synthesis and application for optical power limiting. <i>Chemistry - A European Journal</i> , 2011 , 17, 3837-41	4.8	31
197	Efficient preparation of separable pseudo[n]rotaxanes by selective threading of oligoalkylammonium salts with cucurbit[7]uril. <i>Chemistry - A European Journal</i> , 2009 , 15, 6050-7	4.8	31
196	Synthesis of functionalized tetracene dicarboxylic imides. <i>Tetrahedron Letters</i> , 2010 , 51, 6313-6315	2	31
195	After 60 Years of Efforts: The Chemical Synthesis of a Carbon Nanobelt. <i>CheM</i> , 2017 , 2, 619-620	16.2	30
194	Enhanced Polymer Thin Film Transistor Performance by Carefully Controlling the Solution Self-Assembly and Film Alignment with Slot Die Coating. <i>Advanced Electronic Materials</i> , 2015 , 1, 1500036	6.4	30
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