

# Enrique Orti

## List of Publications by Citations

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57  
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89  
g-index

331  
ext. papers

12,242  
ext. citations

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6.1  
L-index

#	Paper	IF	Citations
315	Luminescent ionic transition-metal complexes for light-emitting electrochemical cells. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 8178-211	16.4	767
314	Electronic structure of phthalocyanines: Theoretical investigation of the optical properties of phthalocyanine monomers, dimers, and crystals. <i>Journal of Chemical Physics</i> , <b>1990</b> , 92, 1228-1235	3.9	225
313	Archetype Cationic Iridium Complexes and Their Use in Solid-State Light-Emitting Electrochemical Cells. <i>Advanced Functional Materials</i> , <b>2009</b> , 19, 3456-3463	15.6	214
312	Light-emitting electrochemical cells: recent progress and future prospects. <i>Materials Today</i> , <b>2014</b> , 17, 217-223	21.8	211
311	Stable single-layer light-emitting electrochemical cell using 4,7-diphenyl-1,10-phenanthroline-bis(2-phenylpyridine)iridium(III) hexafluorophosphate. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 14786-7	16.4	177
310	Long-Living Light-Emitting Electrochemical Cells [Control through Supramolecular Interactions. <i>Advanced Materials</i> , <b>2008</b> , 20, 3910-3913	24	175
309	Copper(I) complexes for sustainable light-emitting electrochemical cells. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 16108		166
308	Near-quantitative internal quantum efficiency in a light-emitting electrochemical cell. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 9149-51	5.1	158
307	Origin of the large spectral shift in electroluminescence in a blue light emitting cationic iridium(III) complex. <i>Journal of Materials Chemistry</i> , <b>2007</b> , 17, 5032		150
306	On the biradicaloid nature of long quinoidal oligothiophenes: experimental evidence guided by theoretical studies. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 9057-61	16.4	139
305	Efficient and Long-Living Light-Emitting Electrochemical Cells. <i>Advanced Functional Materials</i> , <b>2010</b> , 20, 1511-1520	15.6	136
304	Simple, fast, bright, and stable light sources. <i>Advanced Materials</i> , <b>2012</b> , 24, 897-900	24	135
303	A supramolecularly-caged ionic iridium(III) complex yielding bright and very stable solid-state light-emitting electrochemical cells. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 14944-5	16.4	135
302	Near-UV to red-emitting charged bis-cyclometallated iridium(III) complexes for light-emitting electrochemical cells. <i>Dalton Transactions</i> , <b>2012</b> , 41, 180-91	4.3	113
301	Intramolecular pi-stacking in a phenylpyrazole-based iridium complex and its use in light-emitting electrochemical cells. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 5978-80	16.4	113
300	Concave tetrathiafulvalene-type donors as supramolecular partners for fullerenes. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 1847-51	16.4	113
299	Synthesis, Properties, and Theoretical Characterization of Largely [Extended Tetrathiafulvalene Derivatives with Quinonoid Structures. <i>Journal of Organic Chemistry</i> , <b>1998</b> , 63, 1268-1279	4.2	112

- 298 High-Efficiency Perovskite Solar Cells Using Molecularly Engineered, Thiophene-Rich, Hole-Transporting Materials: Influence of Alkyl Chain Length on Power Conversion Efficiency. *Advanced Energy Materials*, **2017**, 7, 1601674 21.8 111
- 297 Ab Initio Determination of the Geometric Structure and Internal Rotation Potential of 2,2'-Bithiophene. *The Journal of Physical Chemistry*, **1995**, 99, 4955-4963 111
- 296 Electronic structure of metal-free phthalocyanine: A valence effective Hamiltonian theoretical study. *Journal of Chemical Physics*, **1988**, 89, 1009-1016 3.9 106
- 295 Discrete supramolecular donor-acceptor complexes. *Angewandte Chemie - International Edition*, **2009**, 48, 815-9 16.4 102
- 294 Nitro-functionalized oligothiophenes as a novel type of electroactive molecular material: spectroscopic, electrochemical, and computational study. *Journal of the American Chemical Society*, **2003**, 125, 2524-34 16.4 101
- 293 Quinonoid oligothiophenes as electron-donor and electron-acceptor materials. A spectroelectrochemical and theoretical study. *Journal of the American Chemical Society*, **2002**, 124, 12380-84 16.4 101
- 292 Charged bis-cyclometalated iridium(III) complexes with carbene-based ancillary ligands. *Inorganic Chemistry*, **2013**, 52, 10292-305 5.1 96
- 291 Efficient deep-red light-emitting electrochemical cells based on a perylene diimide-iridium-complex dyad. *Chemical Communications*, **2009**, 3886-8 5.8 96
- 290 A theoretical study of the electronic spectrum of naphthalene. *Chemical Physics*, **1994**, 179, 395-409 2.3 92
- 289 High Yield Ultrafast Intramolecular Singlet Exciton Fission in a Quinoidal Bithiophene. *Journal of Physical Chemistry Letters*, **2015**, 6, 1375-84 6.4 91
- 288 Photophysical properties of charged cyclometalated Ir(III) complexes: a joint theoretical and experimental study. *Inorganic Chemistry*, **2011**, 50, 7229-38 5.1 89
- 287 Geometric Structure and Torsional Potential of Biisothianaphthene. A Comparative DFT and ab Initio Study. *Journal of the American Chemical Society*, **1997**, 119, 1360-1369 16.4 89
- 286 A bis-exTTF macrocyclic receptor that associates C60 with micromolar affinity. *Journal of the American Chemical Society*, **2010**, 132, 1772-3 16.4 86
- 285 Light-emitting electrochemical cells using cyanine dyes as the active components. *Journal of the American Chemical Society*, **2013**, 135, 18008-11 16.4 84
- 284 Stable Green Electroluminescence from an Iridium Tris-Heteroleptic Ionic Complex. *Chemistry of Materials*, **2012**, 24, 1896-1903 9.6 80
- 283 Lumineszierende ionische Übergangsmetallkomplexe für leuchtende elektrochemische Zellen. *Angewandte Chemie*, **2012**, 124, 8300-8334 3.6 80
- 282 Theoretical determination of the electronic spectrum of free base porphyrin. *Chemical Physics Letters*, **1994**, 226, 27-36 2.5 80
- 281 Recent advances in light-emitting electrochemical cells. *Pure and Applied Chemistry*, **2011**, 83, 2115-2128.1 79

280	Stable and Efficient Solid-State Light-Emitting Electrochemical Cells Based on a Series of Hydrophobic Iridium Complexes. <i>Advanced Energy Materials</i> , <b>2011</b> , 1, 282-290	21.8	79
279	Improving the Turn-On Time of Light-Emitting Electrochemical Cells without Sacrificing their Stability. <i>Chemistry of Materials</i> , <b>2010</b> , 22, 1288-1290	9.6	79
278	Synthesis and Electrochemistry of Electronegative Spiroannulated Methanofullerenes: Theoretical Underpinning of the Electronic Effect of Addends and a Reductive Cyclopropane Ring-Opening Reaction. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 9871-9882	16.4	79
277	Influence of annelation on the electronic properties of phthalocyanine macrocycles. <i>Chemistry of Materials</i> , <b>1990</b> , 2, 110-116	9.6	79
276	Exceptionally long-lived light-emitting electrochemical cells: multiple intra-cation $\pi$ -stacking interactions in $[\text{Ir}(\text{C}^{\wedge}\text{N})(\text{N}^{\wedge}\text{N})][\text{PF}_6]$ emitters. <i>Chemical Science</i> , <b>2015</b> , 6, 2843-2852	9.4	77
275	A deep-blue emitting charged bis-cyclometallated iridium(III) complex for light-emitting electrochemical cells. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 58-68	7.1	77
274	Two are not always better than one: ligand optimisation for long-living light-emitting electrochemical cells. <i>Chemical Communications</i> , <b>2009</b> , 2029-31	5.8	75
273	Highly Stable Red-Light-Emitting Electrochemical Cells. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 3237-3248	16.4	74
272	Shine bright or live long: substituent effects in $[\text{Cu}(\text{N}^{\wedge}\text{N})(\text{P}^{\wedge}\text{P})]^+$ -based light-emitting electrochemical cells where $\text{N}^{\wedge}\text{N}$ is a 6-substituted 2,2'-bipyridine. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 3857-3871	7.1	71
271	Isomerism effect on the photovoltaic properties of benzotrithiophene-based hole-transporting materials. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 8317-8324	13	68
270	Weighting non-covalent forces in the molecular recognition of C(60). Relevance of concave-convex complementarity. <i>Chemical Communications</i> , <b>2008</b> , 4567-9	5.8	68
269	Correlating the Lifetime and Fluorine Content of Iridium(III) Emitters in Green Light-Emitting Electrochemical Cells. <i>Chemistry of Materials</i> , <b>2013</b> , 25, 3391-3397	9.6	67
268	Cooperative supramolecular polymerization and amplification of chirality in C <sub>3</sub> -symmetrical OPE-based trisamides. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 7755-9	4.8	67
267	Light-emitting electrochemical cells based on a supramolecularly-caged phenanthroline-based iridium complex. <i>Chemical Communications</i> , <b>2011</b> , 47, 3207-9	5.8	66
266	Bright blue phosphorescence from cationic bis-cyclometalated iridium(III) isocyanide complexes. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 2263-71	5.1	64
265	Host-guest blue light-emitting electrochemical cells. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 1605-1611	7.1	63
264	Quinoidal oligothiophenes: towards biradical ground-state species. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 470-84	4.8	63
263	Combined Spectroelectrochemical and Theoretical Study of a Vinylene-Bridged Sexithiophene Cooligomer: Analysis of the $\pi$ -Electron Delocalization and of the Electronic Defects Generated upon Doping. <i>Journal of Physical Chemistry B</i> , <b>2002</b> , 106, 3872-3881	3.4	60

262	Photoelectron spectra of phthalocyanine thin films: a valence band theoretical interpretation. <i>Journal of the American Chemical Society</i> , <b>1992</b> , 114, 8669-8675	16.4	59
261	Controlling the Host-Guest Interaction Mode through a Redox Stimulus. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 16272-16276	16.4	58
260	Iridium(III) complexes with phenyl-tetrazoles as cyclometalating ligands. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 7709-21	5.1	57
259	Green Phosphorescence and Electroluminescence of Sulfur Pentafluoride-Functionalized Cationic Iridium(III) Complexes. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 5907-14	5.1	57
258	The internal rotational barrier of biphenyl studied with multiconfigurational second-order perturbation theory (CASPT2). <i>Theoretica Chimica Acta</i> , <b>1995</b> , 91, 17-29		57
257	Efficient green-light-emitting electrochemical cells based on ionic iridium complexes with sulfone-containing cyclometalating ligands. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 8597-609	4.8	55
256	Efficient orange light-emitting electrochemical cells. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 19264		54
255	Deep-red-emitting electrochemical cells based on heteroleptic bis-chelated ruthenium(II) complexes. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 3907-9	5.1	53
254	Non-centrosymmetric homochiral supramolecular polymers of tetrahedral subphthalocyanine molecules. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 2543-7	16.4	51
253	Ground state free base porphyrin: C <sub>2v</sub> or D <sub>2h</sub> symmetry? A theoretical contribution. <i>Chemical Physics Letters</i> , <b>1994</b> , 221, 136-144	2.5	51
252	Reaction of C <sub>60</sub> with Sulfines: Synthesis, Electrochemistry, and Theoretical Calculations of Organofullerene Acceptors. <i>Journal of Organic Chemistry</i> , <b>1997</b> , 62, 7585-7591	4.2	50
251	Donor-Acceptor Species Derived from Functionalised 1,3-Dithiol-2-ylidene Anthracene Donor Units Exhibiting Photoinduced Electron Transfer Properties: Spectroscopic, Electrochemical, X-Ray Crystallographic and Theoretical Studies. <i>Chemistry - A European Journal</i> , <b>1998</b> , 4, 2580-2592	4.8	50
250	New functionalized tetrathiafulvalenes: X-ray crystal structures and physico-chemical properties of TTF(O)NMe <sub>2</sub> and TTF(O)O <sub>2</sub> CH <sub>3</sub> : a joint experimental and theoretical study. <i>Journal of Materials Chemistry</i> , <b>1995</b> , 5, 1689-1696		50
249	Heteroatom Effect on Star-Shaped Hole-Transporting Materials for Perovskite Solar Cells. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1801734	15.6	49
248	New 1,3-dithiol-2-ylidene donor-acceptor chromophores with intramolecular charge-transfer properties, and related donor-donor molecules: synthesis, electrochemistry, X-ray crystal structures, non-linear optical properties and theoretical calculations. <i>Journal of Materials Chemistry</i> , <b>1998</b> , 8, 1173-1184		49
247	AM1 prediction of the equilibrium geometry of Si <sub>60</sub> . <i>Chemical Physics Letters</i> , <b>1993</b> , 213, 509-513	2.5	49
246	Breathing-Dependent Redox Activity in a Tetrathiafulvalene-Based Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 10562-10569	16.4	48
245	Ligand-based charge-transfer luminescence in ionic cyclometalated iridium(III) complexes bearing a pyrene-functionalized bipyridine ligand: a joint theoretical and experimental study. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 885-97	5.1	48

244	Red-light-emitting electrochemical cell using a polypyridyl iridium(III) polymer. <i>Dalton Transactions</i> , <b>2009</b> , 9787-93	4.3	48
243	On the electron affinity of TCNQ. <i>Chemical Physics Letters</i> , <b>2004</b> , 391, 148-151	2.5	48
242	Highly Stable and Efficient Light-Emitting Electrochemical Cells Based on Cationic Iridium Complexes Bearing Arylazole Ancillary Ligands. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 10298-10310	5.1	47
241	Nonlocal van der Waals Approach Merged with Double-Hybrid Density Functionals: Toward the Accurate Treatment of Noncovalent Interactions. <i>Journal of Chemical Theory and Computation</i> , <b>2013</b> , 9, 3437-43	6.4	46
240	Tuning the photophysical properties of cationic iridium(III) complexes containing cyclometallated 1-(2,4-difluorophenyl)-1H-pyrazole through functionalized 2,2'-bipyridine ligands: blue but not blue enough. <i>Dalton Transactions</i> , <b>2013</b> , 42, 1073-87	4.3	46
239	Dumbbell-shaped dinuclear iridium complexes and their application to light-emitting electrochemical cells. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 9855-63	4.8	46
238	On the Biradicaloid Nature of Long Quinoidal Oligothiophenes: Experimental Evidence Guided by Theoretical Studies. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 9215-9219	3.6	46
237	A Theoretical Determination of the Low-lying Electronic States of the p-Benzosemiquinone Radical Anion. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 6067-6077	16.4	45
236	Luminescent copper(I) complexes with bisphosphane and halogen-substituted 2,2'-bipyridine ligands. <i>Dalton Transactions</i> , <b>2018</b> , 47, 14263-14276	4.3	45
235	[Cu(P <sup>^</sup> P)(N <sup>^</sup> N)][PF <sub>6</sub> ] compounds with bis(phosphane) and 6-alkoxy, 6-alkylthio, 6-phenyloxy and 6-phenylthio-substituted 2,2'-bipyridine ligands for light-emitting electrochemical cells. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 8460-8471	7.1	44
234	A Theoretical Study of the Electronic Spectra of the Biphenyl Cation and Anion. <i>The Journal of Physical Chemistry</i> , <b>1995</b> , 99, 14980-14987		44
233	Spectroscopic and theoretical study of the molecular and electronic structures of a terthiophene-based quinodimethane. <i>ChemPhysChem</i> , <b>2004</b> , 5, 529-39	3.2	43
232	Electronic spectra of tetrathiafulvalene and its radical cation: analysis of the performance of the time-dependent DFT approach. <i>Chemical Physics Letters</i> , <b>2002</b> , 352, 491-498	2.5	43
231	The low-lying excited states of 2,2'-bithiophene: a theoretical analysis. <i>ChemPhysChem</i> , <b>2003</b> , 4, 1308-15	3.2	43
230	A theoretical study of the electronic spectrum of biphenyl. <i>Chemical Physics Letters</i> , <b>1995</b> , 234, 373-381	2.5	43
229	Low Current Density Driving Leads to Efficient, Bright and Stable Green Electroluminescence. <i>Advanced Energy Materials</i> , <b>2013</b> , 3, 1338-1343	21.8	42
228	A theoretical study of the electronic spectrum of bithiophene. <i>Journal of Chemical Physics</i> , <b>1995</b> , 102, 3580-3586	3.9	42
227	Single-Component Donor-Acceptor Organic Semiconductors Derived from TCNQ. <i>Journal of Organic Chemistry</i> , <b>1994</b> , 59, 4618-4629	4.2	42

226	A CI study of the CuCO and CuCO <sup>+</sup> complexes. <i>Journal of Chemical Physics</i> , <b>1987</b> , 87, 1690-1700	3.9	42
225	Conjugated Porphyrin Dimers: Cooperative Effects and Electronic Communication in Supramolecular Ensembles with C <sub>60</sub> . <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 15359-15367	16.4	41
224	Bowl-shape electron donors with absorptions in the visible range of the solar spectrum and their supramolecular assemblies with C <sub>60</sub> . <i>Chemical Science</i> , <b>2012</b> , 3, 498-508	9.4	41
223	Magnetic Properties of Quinoidal Oligothiophenes: More Than Good Candidates for Ambipolar Organic Semiconductors?. <i>Advanced Functional Materials</i> , <b>2006</b> , 16, 531-536	15.6	41
222	Electron transfer in a supramolecular associate of a fullerene fragment. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 2170-5	16.4	40
221	Tuning the electronic properties of nonplanar exTTF-based push-pull chromophores by aryl substitution. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 10707-17	4.2	40
220	Electronic Transitions in Tetrathiafulvalene and Its Radical Cation: A Theoretical Contribution. <i>Journal of Physical Chemistry A</i> , <b>2002</b> , 106, 631-640	2.8	40
219	A theoretical study of the electronic spectrum of terthiophene. <i>Chemical Physics Letters</i> , <b>1996</b> , 248, 321-328	3.8	39
218	Photoemission study of the copper/poly(ethylene terephthalate) interface. <i>Physical Review B</i> , <b>1991</b> , 44, 10815-10825	3.3	39
217	Role of the bridge in photoinduced electron transfer in porphyrin-fullerene dyads. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 5814-25	4.8	38
216	Dynamically doped white light emitting tandem devices. <i>Advanced Materials</i> , <b>2014</b> , 26, 770-4	24	38
215	Accurate Treatment of Large Supramolecular Complexes by Double-Hybrid Density Functionals Coupled with Nonlocal van der Waals Corrections. <i>Journal of Chemical Theory and Computation</i> , <b>2015</b> , 11, 932-9	6.4	38
214	Donor-Acceptors containing the 10-(1,3-dithiol-2-ylidene)anthracene unit for dye-sensitized solar cells. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 11621-9	4.8	38
213	Ab Initio Modeling of Donor-Acceptor Interactions and Charge-Transfer Excitations in Molecular Complexes: The Case of Terthiophene-Tetracyanoquinodimethane. <i>Journal of Chemical Theory and Computation</i> , <b>2011</b> , 7, 2068-77	6.4	38
212	Theoretical determination of the molecular and solid-state electronic structures of phthalocyanine and largely extended phthalocyanine macrocycles. <i>Journal of Materials Chemistry</i> , <b>1996</b> , 6, 1751-1761		37
211	A Deep-Red-Emitting Perylene-diimide-Iridium-Complex Dyad: Following the Photophysical Deactivation Pathways. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 19292-19297	3.8	36
210	A theoretical study on the low-lying excited states of 2,2':5',2''-terthiophene and 2,2':5',2'':5'',2'''-quaterthiophene. <i>ChemPhysChem</i> , <b>2005</b> , 6, 1357-68	3.2	36
209	CF Substitution of [Cu(P <sup>^</sup> P)(bpy)][PF <sub>6</sub> ] <sup>-</sup> Complexes: Effects on Photophysical Properties and Light-Emitting Electrochemical Cell Performance. <i>ChemPlusChem</i> , <b>2018</b> , 83, 217-229	2.8	35

208	Synthesis, Properties, and Light-Emitting Electrochemical Cell (LEEC) Device Fabrication of Cationic Ir(III) Complexes Bearing Electron-Withdrawing Groups on the Cyclometallating Ligands. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 10361-10376	5.1	35
207	pi conjugation across the tetrathiafulvalene core: synthesis of extended tetrathiafulvalene derivatives and theoretical analysis of their unusual electrochemical properties. <i>Chemistry - A European Journal</i> , <b>2000</b> , 6, 1199-213	4.8	35
206	Unveiling the nature of supramolecular crown ether-C interactions. <i>Chemical Science</i> , <b>2015</b> , 6, 4426-4432	2.4	34
205	Hole transporting materials based on benzodithiophene and dithienopyrrole cores for efficient perovskite solar cells. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 5944-5951	13	34
204	Spectroscopic and Theoretical Study of PushPull Chromophores Containing Thiophene-Based Quinonoid Structures as Electron Spacers. <i>Journal of Physical Chemistry B</i> , <b>2003</b> , 107, 12175-12183	3.4	34
203	Flexibility of TTF. a theoretical study. <i>Synthetic Metals</i> , <b>1999</b> , 103, 1991-1992	3.6	34
202	Influence of Benzoannulation on the Molecular and Electronic Structures of Tetracyanoquinodimethanes. <i>The Journal of Physical Chemistry</i> , <b>1996</b> , 100, 6138-6146		34
201	Metal-atom impact on the self-assembly of cup-and-ball metalloporphyrin-fullerene conjugates. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 1255-60	16.4	33
200	Thienylpyridine-based cyclometallated iridium(III) complexes and their use in solid state light-emitting electrochemical cells. <i>Dalton Transactions</i> , <b>2014</b> , 43, 738-50	4.3	33
199	Dibenzoquinquethiophene- and Dibenzosexithiophene-Based Hole-Transporting Materials for Perovskite Solar Cells. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 6435-6442	9.6	33
198	Decoding the Consequences of Increasing the Size of Self-Assembling Tricarboxamides on Chiral Amplification. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 7463-7472	16.4	32
197	Blue-emitting cationic iridium(III) complexes featuring pyridylpyrimidine ligands and their use in sky-blue electroluminescent devices. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 9638-9650	7.1	32
196	The interplay of inverted redox potentials and aromaticity in the oxidized states of new pi-electron donors: 9-(1,3-dithiol-2-ylidene)fluorene and 9-(1,3-dithiol-2-ylidene)thioxanthene derivatives. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 3389-400	4.8	32
195	Magnetic and Conductive Properties of Quinoidal Oligothiophenes. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 1539-1545	9.6	32
194	Theoretical approach to the molecular conformation of nonfused biheterocycles. Bifurans and furylpyrroles. <i>The Journal of Physical Chemistry</i> , <b>1987</b> , 91, 545-551		32
193	N-Annulated Perylene Bisimides to Bias the Differentiation of Metastable Supramolecular Assemblies into J- and H-Aggregates. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 17517-17524	16.4	31
192	Bright and stable light-emitting electrochemical cells based on an intramolecularly stacked, 2-naphthyl-substituted iridium complex. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 7047-7055	7.1	31
191	Difficulties of density functional theory in predicting the torsional potential of 2,2'-bithiophene <b>1998</b> , 70, 303-312		31



190	Oligothienoacenes versus oligothiophenes: impact of ring fusion on the optical properties. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 1457-65	3.6	30
189	Vectorized TOPO program for the theoretical simulation of molecular shape. <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , <b>1991</b> , 88, 2435-2441		30
188	Phosphane tuning in heteroleptic [Cu(N <sup>^</sup> N)(P <sup>^</sup> P)] complexes for light-emitting electrochemical cells. <i>Dalton Transactions</i> , <b>2019</b> , 48, 446-460	4.3	29
187	Electronic interactions in a new pi-extended tetrathiafulvalene dimer. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 2709-21	4.8	29
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