

Enrique Orti

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.

315
papers

11,388
citations

57
h-index

89
g-index

331
ext. papers

12,242
ext. citations

6.6
avg, IF

6.1
L-index

#	Paper	IF	Citations
315	Computational Modelling of Supramolecular Polymers 2022 , 341-384		
314	Charge-Separation and Charge-Recombination Rate Constants in a Donor-Acceptor Buckybowl-Based Supramolecular Complex: Multistate and Solvent Effects. <i>Journal of Physical Chemistry A</i> , 2021 , 125, 9982-9994	2.8	
313	Tuning the Optical Absorption of Sn-, Ge-, and Zn-Substituted Cs ₂ AgBiBr ₆ Double Perovskites: Structural and Electronic Effects. <i>Chemistry of Materials</i> , 2021 , 33, 8028-8035	9.6	2
312	Supramolecular polymerization of electronically complementary linear motifs: anti-cooperativity by attenuated growth.. <i>Chemical Science</i> , 2021 , 13, 81-89	9.4	4
311	Effect of Substituents at Imide Positions on the Laser Performance of 1,7-Bay-Substituted Perylenediimide Dyes. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 12277-12288	3.8	1
310	Allocation of Ambipolar Charges on an Organic Diradical with a Vinylene-Phenylenediyne Bridge. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 6159-6164	6.4	1
309	Hole-Transporting Materials for Perovskite Solar Cells Employing an Anthradithiophene Core. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 28214-28221	9.5	6
308	Self-Assembly-Directed Organization of a Fullerene-Bisporphyrin into Supramolecular Giant Donut Structures for Excited-State Charge Stabilization. <i>Journal of the American Chemical Society</i> , 2021 , 143, 11199-11208	16.4	2
307	Selenophene-Based Hole-Transporting Materials for Perovskite Solar Cells. <i>ChemPlusChem</i> , 2021 , 86, 1006-1013	2.8	1
306	Influence of the Z/E Isomerism on the Pathway Complexity of a Squaramide-Based Macrocyclic. <i>Small</i> , 2021 , 17, e2006133	11	2
305	Effect of molecular geometry and extended conjugation on the performance of hydrogen-bonded semiconductors in organic thin-film field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 10819-10829	7.1	0
304	Improving the Robustness of Organic Semiconductors through Hydrogen Bonding. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 8620-8630	9.5	4
303	On the Importance of Ligand-Centered Excited States in the Emission of Cyclometalated Ir(III) Complexes. <i>Inorganic Chemistry</i> , 2021 , 60, 13222-13232	5.1	0
302	Distance Matters: Biasing Mechanism, Transfer of Asymmetry, and Stereomutation in N-Annulated Perylene Bisimide Supramolecular Polymers. <i>Journal of the American Chemical Society</i> , 2021 , 143, 13281-13291	16.4	8
301	Supramolecular assembly of pyrene-tetrathiafulvalene hybrids on graphene: structure-property relationships and biosensing activity. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 10944-10951	7.1	2
300	Enhanced electronic communication through a conjugated bridge in a porphyrin-fullerene donor-acceptor couple. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 10889-10898	7.1	0
299	N-Annulated Perylene Bisimides to Bias the Differentiation of Metastable Supramolecular Assemblies into J- and H-Aggregates. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 17517-17524	16.4	31

298	N-Annulated Perylene Bisimides to Bias the Differentiation of Metastable Supramolecular Assemblies into J- and H-Aggregates. <i>Angewandte Chemie</i> , 2020 , 132, 17670-17677	3.6	12
297	The shiny side of copper: bringing copper(i) light-emitting electrochemical cells closer to application.. <i>RSC Advances</i> , 2020 , 10, 22631-22644	3.7	10
296	Remote Modification of Bidentate Phosphane Ligands Controlling the Photonic Properties in Their Complexes: Enhanced Performance of [Cu(RN-xantphos)(N ^N)]PF ₆ in Light-Emitting Electrochemical Cells. <i>Advanced Optical Materials</i> , 2020 , 8, 1901689	8.1	11
295	Azatruxene-Based, Dumbbell-Shaped, Donor- π -Bridge-Donor Hole-Transporting Materials for Perovskite Solar Cells. <i>Chemistry - A European Journal</i> , 2020 , 26, 11039-11047	4.8	4
294	On the Structure and Chiral Aggregation of Liquid Crystalline Star-Shaped Triazines H-Bonded to Benzoic Acids. <i>Chemistry - A European Journal</i> , 2020 , 26, 15313-15322	4.8	3
293	Ternary Organic Solar Cell with a Near-Infrared Absorbing SelenopheneDiketopyrrolopyrrole-Based Nonfullerene Acceptor and an Efficiency above 10%. <i>Solar Rrl</i> , 2020 , 4, 1900471	7.1	9
292	Mono- and Tripodal Porphyrins: Investigation on the Influence of the Number of Pyrene Anchors in Carbon Nanotube and Graphene Hybrids. <i>Journal of the American Chemical Society</i> , 2020 , 142, 1895-1903	16.4	16
291	Tetrasubstituted Thieno[3,2-]thiophenes as Hole-Transporting Materials for Perovskite Solar Cells. <i>Journal of Organic Chemistry</i> , 2020 , 85, 224-233	4.2	12
290	Dual-Mode Chiral Self-Assembly of Cone-Shaped Subphthalocyanine Aromatics. <i>Journal of the American Chemical Society</i> , 2020 , 142, 21017-21031	16.4	9
289	Impact of Molecular Size and Shape on the Supramolecular Co-Assembly of Chiral Tricarboxamides: A Comparative Study. <i>Chemistry - A European Journal</i> , 2020 , 26, 14700-14707	4.8	4
288	Innenraktitelbild: N-Annulated Perylene Bisimides to Bias the Differentiation of Metastable Supramolecular Assemblies into J- and H-Aggregates (Angew. Chem. 40/2020). <i>Angewandte Chemie</i> , 2020 , 132, 17911-17911	3.6	
287	Hexakis-adducts of [60]fullerene as molecular scaffolds of polynuclear spin-crossover molecules. <i>Chemical Science</i> , 2020 , 12, 757-766	9.4	3
286	Phosphane tuning in heteroleptic [Cu(N ^N)(P ^P)] complexes for light-emitting electrochemical cells. <i>Dalton Transactions</i> , 2019 , 48, 446-460	4.3	29
285	Understanding the affinity of bis-exTTF macrocyclic receptors towards fullerene recognition. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 11670-11675	3.6	10
284	Saddle-like, π -conjugated, cyclooctatetrathiophene-based, hole-transporting material for perovskite solar cells. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 6656-6663	7.1	21
283	Non-Planar and Flexible Hole-Transporting Materials from Bis-Xanthene and Bis-Thioxanthene Units for Perovskite Solar Cells. <i>Helvetica Chimica Acta</i> , 2019 , 102, e1900056	2	3
282	Decoding the Consequences of Increasing the Size of Self-Assembling Tricarboxamides on Chiral Amplification. <i>Journal of the American Chemical Society</i> , 2019 , 141, 7463-7472	16.4	32
281	Minimizing geminate recombination losses in small-molecule-based organic solar cells. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 6641-6648	7.1	2

280	Carbon Nanotubes Conjugated with Triazole-Based Tetrathiafulvalene-Type Receptors for C Recognition. <i>ChemPlusChem</i> , 2019 , 84, 730-739	2.8	3
279	Azole-containing cationic bis-cyclometallated iridium(III) isocyanide complexes: a theoretical insight into the emission energy and emission efficiency. <i>Dalton Transactions</i> , 2019 , 48, 9725-9733	4.3	3
278	Flipping Motion To Bias the Organized Supramolecular Polymerization of N-Heterotriangulenes. <i>Chemistry of Materials</i> , 2019 , 31, 7024-7032	9.6	7
277	Diels-Alder reaction on perylene diimides: synthesis and theoretical study of core-expanded diimides. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 2860-2871	5.2	4
276	Self-Assembly of Clicked Star-Shaped Triazines into Functional Nanostructures. <i>ChemNanoMat</i> , 2019 , 5, 130-137	3.5	1
275	Dibenzoquinquethiophene- and Dibenzosexithiophene-Based Hole-Transporting Materials for Perovskite Solar Cells. <i>Chemistry of Materials</i> , 2019 , 31, 6435-6442	9.6	33
274	Hole transporting materials based on benzodithiophene and dithienopyrrole cores for efficient perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 5944-5951	13	34
273	Hierarchy of Asymmetry at Work: Chain-Dependent Helix-to-Helix Interactions in Supramolecular Polymers. <i>Chemistry - A European Journal</i> , 2018 , 24, 2826-2831	4.8	16
272	CF Substitution of [Cu(P [^] P)(bpy)][PF ₆] Complexes: Effects on Photophysical Properties and Light-Emitting Electrochemical Cell Performance. <i>ChemPlusChem</i> , 2018 , 83, 217-229	2.8	35
271	Tuning the optical and electronic properties of perylene diimides through transversal core extension. <i>Theoretical Chemistry Accounts</i> , 2018 , 137, 1	1.9	2
270	The Role of Planarity versus Nonplanarity in the Electronic Communication of TCAQ-Based Push-Pull Chromophores. <i>ChemPlusChem</i> , 2018 , 83, 300-307	2.8	12
269	Bending Carbon Nanoforms for Supramolecular Recognition: A Topological Study on Hemifullerene-Based Aggregates. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 1124-1137	2.8	3
268	CF Substitution of [Cu(P [^] P)(bpy)][PF ₆] Complexes: Effects on Photophysical Properties and Light-Emitting Electrochemical Cell Performance. <i>ChemPlusChem</i> , 2018 , 83, 143	2.8	2
267	Electronic nature of the emitting triplet in SF ₅ -substituted cationic Ir(III) complexes. <i>Polyhedron</i> , 2018 , 140, 1-8	2.7	2
266	[Cu(P [^] P)(N [^] N)][PF ₆] 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> , 2018 , 6, 8460-8471	7.1	44
265	Breathing-Dependent Redox Activity in a Tetrathiafulvalene-Based Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2018 , 140, 10562-10569	16.4	48
264	Quantum-Chemical Insights into the Self-Assembly of Carbon-Based Supramolecular Complexes. <i>Molecules</i> , 2018 , 23,	4.8	7
263	Heteroatom Effect on Star-Shaped Hole-Transporting Materials for Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2018 , 28, 1801734	15.6	49

262	Tuning the electronic properties and the planarity degree in the Extended TTF series: the prominent role of heteroatoms. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 13190-13196	7.1	3
261	Exploring the effect of the cyclometallating ligand in 2-(pyridine-2-yl)benzo[d]thiazole-containing iridium(III) complexes for stable light-emitting electrochemical cells. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 12679-12688	7.1	9
260	Strong Influence of the Ancillary Ligand over the Photodynamic Anticancer Properties of Neutral Biscyclometalated Ir Complexes Bearing 2-Benzoazole-Phenolates. <i>Chemistry - A European Journal</i> , 2018 , 24, 17523-17537	4.8	14
259	Luminescent copper(I) complexes with bisphosphane and halogen-substituted 2,2'-bipyridine ligands. <i>Dalton Transactions</i> , 2018 , 47, 14263-14276	4.3	45
258	Synergy of Axial and Point Chirality to Construct Helical N-Heterotriangulene-Based Supramolecular Polymers. <i>ChemNanoMat</i> , 2018 , 4, 781-784	3.5	10
257	Complexation and Electronic Communication between Corannulene-Based Buckybowls and a Curved Truxene-TTF Donor. <i>Chemistry - A European Journal</i> , 2017 , 23, 3666-3673	4.8	20
256	Highly Stable Red-Light-Emitting Electrochemical Cells. <i>Journal of the American Chemical Society</i> , 2017 , 139, 3237-3248	16.4	74
255	Rhodanine-based dyes absorbing in the entire visible spectrum. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 1024-1028	5.2	4
254	Isomerism effect on the photovoltaic properties of benzotrithiophene-based hole-transporting materials. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 8317-8324	13	68
253	Simple design to achieve red-to-near-infrared emissive cationic Ir(III) emitters and their use in light emitting electrochemical cells. <i>RSC Advances</i> , 2017 , 7, 31833-31837	3.7	21
252	Tetrathiafulvalene-Polychlorotriphenylmethyl Dyads: Influence of Bridge and Open-Shell Characteristics on Linear and Nonlinear Optical Properties. <i>Chemistry - A European Journal</i> , 2017 , 23, 11067-11075	4.8	18
251	DLPNO-CCSD(T) scaled methods for the accurate treatment of large supramolecular complexes. <i>Journal of Computational Chemistry</i> , 2017 , 38, 1869-1878	3.5	17
250	Theoretical insights into the structural, electronic and optical properties of benzotrithiophene-based hole-transporting materials. <i>Theoretical Chemistry Accounts</i> , 2017 , 136, 1	1.9	3
249	Flexible Chirality in Self-Assembled N-Annulated Perylenedicarboxamides. <i>Small</i> , 2017 , 13, 1603880	11	28
248	Efficient Benzodithiophene/Benzothiadiazole-Based n-Channel Charge Transporters. <i>ChemPlusChem</i> , 2017 , 82, 1105-1111	2.8	6
247	Controlling the Host-Guest Interaction Mode through a Redox Stimulus. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 16272-16276	16.4	58
246	Non-covalent graphene nanobuds from mono- and tripodal binding motifs. <i>Chemical Communications</i> , 2017 , 53, 12402-12405	5.8	21
245	Highly Stable and Efficient Light-Emitting Electrochemical Cells Based on Cationic Iridium Complexes Bearing Arylazole Ancillary Ligands. <i>Inorganic Chemistry</i> , 2017 , 56, 10298-10310	5.1	47

244	Blue-emitting cationic iridium(III) complexes featuring pyridylpyrimidine ligands and their use in sky-blue electroluminescent devices. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 9638-9650	7.1	32
243	Understanding Noncovalent Interactions of Small Molecules with Carbon Nanotubes. <i>Chemistry - A European Journal</i> , 2017 , 23, 12909-12916	4.8	22
242	High-Efficiency Perovskite Solar Cells Using Molecularly Engineered, Thiophene-Rich, Hole-Transporting Materials: Influence of Alkyl Chain Length on Power Conversion Efficiency. <i>Advanced Energy Materials</i> , 2017 , 7, 1601674	21.8	111
241	Conjugated Porphyrin Dimers: Cooperative Effects and Electronic Communication in Supramolecular Ensembles with C. <i>Journal of the American Chemical Society</i> , 2016 , 138, 15359-15367	16.4	41
240	Shine bright or live long: substituent effects in [Cu(N ^N)(P [^] P)] ⁺ -based light-emitting electrochemical cells where N ^N is a 6-substituted 2,2'-bipyridine. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 3857-3871	7.1	71
239	Synthesis and optoelectronic properties of chemically modified bi-fluorenylidenes. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 3798-3808	7.1	12
238	Bis-Sulfone- and Bis-Sulfoxide-Spirofluorenes: Polar Acceptor Hosts with Tunable Solubilities for Blue-Phosphorescent Light-Emitting Devices. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 2037-2047	3.2	10
237	Photophysical Properties of Oligo[phenylene ethynylene] Iridium(III) Complexes Functionalized with Metal-Anchoring Groups. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 1851-1859	2.3	3
236	Helical supramolecular polymerization of C ₃ -symmetric amides and retroamides: on the origin of cooperativity and handedness. <i>Chemical Communications</i> , 2016 , 52, 6907-10	5.8	21
235	Regioisomerism in cationic sulfonyl-substituted [Ir(C ^N) ₂ (N ^N)] ⁺ complexes: its influence on photophysical properties and LEC performance. <i>Dalton Transactions</i> , 2016 , 45, 11668-81	4.3	20
234	Relationship between Electron Affinity and Half-Wave Reduction Potential: A Theoretical Study on Cyclic Electron-Acceptor Compounds. <i>ChemPhysChem</i> , 2016 , 17, 3881-3890	3.2	11
233	Synthesis, Properties, and Light-Emitting Electrochemical Cell (LEEC) Device Fabrication of Cationic Ir(III) Complexes Bearing Electron-Withdrawing Groups on the Cyclometalating Ligands. <i>Inorganic Chemistry</i> , 2016 , 55, 10361-10376	5.1	35
232	[Ir(C ^N)(N ^N)] emitters containing a naphthalene unit within a linker between the two cyclometalating ligands. <i>Dalton Transactions</i> , 2016 , 45, 16379-16392	4.3	7
231	Non-centrosymmetric homochiral supramolecular polymers of tetrahedral subphthalocyanine molecules. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 2543-7	16.4	51
230	High Yield Ultrafast Intramolecular Singlet Exciton Fission in a Quinoidal Bithiophene. <i>Journal of Physical Chemistry Letters</i> , 2015 , 6, 1375-84	6.4	91
229	Role of the bridge in photoinduced electron transfer in porphyrin-fullerene dyads. <i>Chemistry - A European Journal</i> , 2015 , 21, 5814-25	4.8	38
228	Exceptionally long-lived light-emitting electrochemical cells: multiple intra-cation π -stacking interactions in [Ir(C ^N)(N ^N)] ⁺ [PF ₆ ⁻] emitters. <i>Chemical Science</i> , 2015 , 6, 2843-2852	9.4	77
227	A columnar liquid crystal with permanent polar order. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 985-989	7.1	25

226	Colour tuning by the ring roundabout: [Ir(C [^] N) ₂ (N [^] N)] ⁺ emitters with sulfonyl-substituted cyclometallating ligands. <i>RSC Advances</i> , 2015 , 5, 42815-42827	3.7	25
225	Unveiling the nature of supramolecular crown ether-C interactions. <i>Chemical Science</i> , 2015 , 6, 4426-4432	9.4	34
224	On the handedness of helical aggregates of C ₃ tricarboxamides: a multichiroptical characterization. <i>Chemical Communications</i> , 2015 , 51, 9781-4	5.8	24
223	Blue-emitting pyrene-based aggregates. <i>Chemical Communications</i> , 2015 , 51, 10142-5	5.8	16
222	Determination of association constants towards carbon nanotubes. <i>Chemical Science</i> , 2015 , 6, 7008-7014	9.4	26
221	Metal-atom impact on the self-assembly of cup-and-ball metalloporphyrin-fullerene conjugates. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 1255-60	16.4	33
220	Emission energy of azole-based ionic iridium(III) complexes: a theoretical study. <i>Dalton Transactions</i> , 2015 , 44, 8497-505	4.3	28
219	Non-Centrosymmetric Homochiral Supramolecular Polymers of Tetrahedral Subphthalocyanine Molecules. <i>Angewandte Chemie</i> , 2015 , 127, 2573-2577	3.6	17
218	Green Phosphorescence and Electroluminescence of Sulfur Pentafluoride-Functionalized Cationic Iridium(III) Complexes. <i>Inorganic Chemistry</i> , 2015 , 54, 5907-14	5.1	57
217	The Nonlocal Correlation Density Functional VV10. <i>Annual Reports in Computational Chemistry</i> , 2015 , 11, 37-102	1.8	17
216	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> , 2015 , 11, 932-9	6.4	38
215	Dynamically doped white light emitting tandem devices. <i>Advanced Materials</i> , 2014 , 26, 770-4	24	38
214	Computational modeling of single- versus double-anchoring modes in di-branched organic sensitizers on TiO ₂ surfaces: structural and electronic properties. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 4709-19	3.6	26
213	Host-guest blue light-emitting electrochemical cells. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 1605-1611	7.1	63
212	Electron transfer in a supramolecular associate of a fullerene fragment. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 2170-5	16.4	40
211	Thienylpyridine-based cyclometallated iridium(III) complexes and their use in solid state light-emitting electrochemical cells. <i>Dalton Transactions</i> , 2014 , 43, 738-50	4.3	33
210	Tuning the self-assembly of rectangular amphiphilic cruciforms. <i>Langmuir</i> , 2014 , 30, 5957-64	4	5
209	Bright and stable light-emitting electrochemical cells based on an intramolecularly stacked, 2-naphthyl-substituted iridium complex. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 7047-7055	7.1	31

208	Biomimetic oxidation of pyrene and related aromatic hydrocarbons. Unexpected electron accepting abilities of pyrenequinones. <i>Chemical Communications</i> , 2014 , 50, 9372-5	5.8	21
207	Theoretical insight on novel donor-acceptor exTTF-based dyes for dye-sensitized solar cells. <i>Journal of Molecular Modeling</i> , 2014 , 20, 2188	2	2
206	Iridium(III) complexes with phenyl-tetrazoles as cyclometalating ligands. <i>Inorganic Chemistry</i> , 2014 , 53, 7709-21	5.1	57
205	Light-emitting electrochemical cells: recent progress and future prospects. <i>Materials Today</i> , 2014 , 17, 217-223	21.8	211
204	Electron Transfer in a Supramolecular Associate of a Fullerene Fragment. <i>Angewandte Chemie</i> , 2014 , 126, 2202-2207	3.6	12
203	Theoretical study of the benzoquinoneβtrathiafulvaleneβbenzoquinone triad in neutral and oxidized/reduced states. <i>Highlights in Theoretical Chemistry</i> , 2014 , 157-166		
202	Theoretical study of the benzoquinoneβtrathiafulvaleneβbenzoquinone triad in neutral and oxidized/reduced states. <i>Theoretical Chemistry Accounts</i> , 2013 , 132, 1	1.9	10
201	Exploiting multivalent nanoparticles for the supramolecular functionalization of graphene with a nonplanar recognition motif. <i>Chemistry - A European Journal</i> , 2013 , 19, 9843-8	4.8	15
200	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> , 2013 , 9, 3437-43	6.4	46
199	Correlating the Lifetime and Fluorine Content of Iridium(III) Emitters in Green Light-Emitting Electrochemical Cells. <i>Chemistry of Materials</i> , 2013 , 25, 3391-3397	9.6	67
198	Efficient light harvesters based on the 10-(1,3-dithiol-2-ylidene)anthracene core. <i>Organic Letters</i> , 2013 , 15, 4166-9	6.2	16
197	Light-emitting electrochemical cells using cyanine dyes as the active components. <i>Journal of the American Chemical Society</i> , 2013 , 135, 18008-11	16.4	84
196	Charged bis-cyclometalated iridium(III) complexes with carbene-based ancillary ligands. <i>Inorganic Chemistry</i> , 2013 , 52, 10292-305	5.1	96
195	A deep-blue emitting charged bis-cyclometalated iridium(III) complex for light-emitting electrochemical cells. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 58-68	7.1	77
194	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> , 2013 , 52, 885-97	5.1	48
193	A bis(triazole)benzamide receptor for the complexation of halide anions and neutral carboxylic acid guests. Guest-controlled topicity and self-assembly. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 765-772	7.9	13
192	Impact of the synergistic collaboration of oligothiophene bridges and ruthenium complexes on the optical properties of dumbbell-shaped compounds. <i>Chemistry - A European Journal</i> , 2013 , 19, 1476-88	4.8	9
191	Tuning the photophysical properties of cationic iridium(III) complexes containing cyclometalated 1-(2,4-difluorophenyl)-1H-pyrazole through functionalized 2,2'-bipyridine ligands: blue but not blue enough. <i>Dalton Transactions</i> , 2013 , 42, 1073-87	4.3	46

190	Low Current Density Driving Leads to Efficient, Bright and Stable Green Electroluminescence. <i>Advanced Energy Materials</i> , 2013 , 3, 1338-1343	21.8	42
189	Obtaining the lattice energy of the anthracene crystal by modern yet affordable first-principles methods. <i>Journal of Chemical Physics</i> , 2013 , 138, 204304	3.9	17
188	Effect of free rotation in polypyridinic ligands of Ru(II) complexes applied in light-emitting electrochemical cells. <i>Dalton Transactions</i> , 2013 , 42, 15502-13	4.3	28
187	Increasing the efficiency of light-emitting electrochemical cells by limiting the exciton quenching. <i>Materials Research Society Symposia Proceedings</i> , 2013 , 1567, 1		
186	Efficient green-light-emitting electrochemical cells based on ionic iridium complexes with sulfone-containing cyclometalating ligands. <i>Chemistry - A European Journal</i> , 2013 , 19, 8597-609	4.8	55
185	Tetrathiafulvalene-based mixed-valence acceptor-donor-acceptor triads: a joint theoretical and experimental approach. <i>Chemistry - A European Journal</i> , 2013 , 19, 16656-64	4.8	12
184	Simple, fast, bright, and stable light sources. <i>Advanced Materials</i> , 2012 , 24, 897-900	24	135
183	Tuning the electronic properties of nonplanar exTTF-based push-pull chromophores by aryl substitution. <i>Journal of Organic Chemistry</i> , 2012 , 77, 10707-17	4.2	40
182	Carbonyl-functionalized quaterthiophenes: a study of the vibrational Raman and electronic absorption/emission properties guided by theoretical calculations. <i>ChemPhysChem</i> , 2012 , 13, 168-76	3.2	8
181	Bright blue phosphorescence from cationic bis-cyclometalated iridium(III) isocyanide complexes. <i>Inorganic Chemistry</i> , 2012 , 51, 2263-71	5.1	64
180	Stable Green Electroluminescence from an Iridium Tris-Heteroleptic Ionic Complex. <i>Chemistry of Materials</i> , 2012 , 24, 1896-1903	9.6	80
179	Lumineszierende ionische Übergangsmetallkomplexe für leuchtende elektrochemische Zellen. <i>Angewandte Chemie</i> , 2012 , 124, 8300-8334	3.6	80
178	Luminescent ionic transition-metal complexes for light-emitting electrochemical cells. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 8178-211	16.4	767
177	Efficient orange light-emitting electrochemical cells. <i>Journal of Materials Chemistry</i> , 2012 , 22, 19264		54
176	Near-UV to red-emitting charged bis-cyclometalated iridium(III) complexes for light-emitting electrochemical cells. <i>Dalton Transactions</i> , 2012 , 41, 180-91	4.3	113
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