

PAPERS IN INTERNATIONAL JOURNALS

1. **N. Armaroli**
"In my Element: Iridium"
[Chem. Eur. J. 2019, 25, DOI: 10.1002/chem.201804692](#)
2. A. Baschieri, F. Monti, **N. Armaroli**, G. Mazzotti, L. Giorgini, L. Sambri, T. Benelli
"Luminescent methacrylic copolymers with side-chain cyclometalated iridium(III) complexes"
[Dyes and Pigments 2019, 160, 188-197](#)
3. E. Leoni, J. Mohanraj, M. Holler, M. Mohankumar, I. Nierengarten, F. Monti, A. Sournia-Saquet, B. Delavaux-Nicot, J.-F. Nierengarten, **N. Armaroli**
"Heteroleptic Cu(I) Complexes Prepared from Phenanthroline and Bis-Phosphine Ligands: Rationalization of the Photophysical and Electrochemical Properties"
[Inorg. Chem. 2018, 57, DOI: 10.1021/acs.inorgchem.8b02879](#)
4. Y. Troiez, A. D. Finke, F. Silvestri, F. Monti, B. Ventura, C. Boudon, J.-P. Gisselbrecht, W. B. Schweizer, J.-P. Sauvage, **N. Armaroli**, F. Diederich
"Unconventional Synthesis of a Cu^I Rotaxane with a Superacceptor Stopper: Ultrafast Excited-State Dynamics and Near-Infrared Luminescence"
[Chem. Eur. J. 2018, 24, 10422-10433](#)
5. M. Mohankumar, M. Holler, E. Meichsner, J.-F. Nierengarten, F. Niess, J.-P. Sauvage, B. Delavaux-Nicot, E. Leoni, F. Monti, J. M. Malicka, M. Cocchi, E. Bandini, **N. Armaroli**
"Heteroleptic Copper(I) Pseudorotaxanes Incorporating Macrocyclic Phenanthroline Ligands of Different Sizes"
[J. Am. Chem. Soc. 2018, 150, 6291-6299](#)
6. P.-H. Lanoë, J. Chan, A. Groué, G. Gontard, A. Jutand, M.-N. Rager, **N. Armaroli**, F. Monti, A. Barbieri, H. Amouri
"Cyclometalated N-heterocyclic carbene iridium(III) complexes with naphthalimide chromophores: a novel class of phosphorescent heteroleptic compounds"
[Dalton Trans. 2018, 47, 3440-3451](#)
7. E. Matteucci, A. Baschieri, A. Mazzanti, L. Sambri, J. Ávila, A. Pertegás, H. J. Bolink, F. Monti, E. Leoni, **N. Armaroli**
"Anionic Cyclometalated Iridium(III) Complexes with a Bis-Tetrazolate Ancillary Ligand for Light-Emitting Electrochemical Cells"
[Inorg. Chem. 2017, 56, 10584-10595](#)
8. J. Mohanraj, A. Barbieri, **N. Armaroli**, M. Vizuete, F. Langa, B. Delavaux-Nicot, M. Vartanian, J. Iehl, U. Hahn, J.-F. Nierengarten
"Efficient photoinduced energy- and electron-transfer in Zn^{II}-Porphyrin / Fullerene dyads with

interchromophoric distance up to 2.6 nm and no wire-like connectivity”

[Chem. Eur. J. 2017, 23, 14200-14212](#)

9. A. Gualandi, D. Mazzarella, A. Ortega-Martínez, L. Mengozzi, F. Calcinelli, E. Matteucci, F. Monti, **N. Armaroli**, L. Sambri, P. G. Cozzi
“Photocatalytic Radical Alkylation of Electrophilic Olefins by Benzylic and Alkyl Zinc-Sulfonates”
[ACS Catal. 2017, 7, 5357–5362](#)
10. A. Nano, M.P. Gullo, B. Ventura, A. Barbieri, **N. Armaroli**, R. Ziessel
“Color-Tunable Heterodinuclear Pt(II)/B(III) and Pt(II)/Ir(III) Arrays with N⁺O-julolidine Ligands”
[Inorg. Chem. 2017, 56, 4807-4817](#)
11. A. Gualandi, E. Matteucci, F. Monti, A. Baschieri, **N. Armaroli**, L. Sambri, P. G. Cozzi,
“Photoredox Radical Conjugate Addition of Dithiane-2-Carboxylate Promoted by an Iridium(III) Phenyl-Tetrazole Complex: A Formal Radical Methylation of Michael Acceptors”
[Chem. Sci. 2017, 8, 1613-1620](#)
12. T. Miletić, E. Pavoni, V. Trifiletti, A. Rizzo, A. Listorti, S. Colella, **N. Armaroli**, D. Bonifazi
“Covalently functionalized SWCNTs as tailored p-type dopants for perovskite solar cells”
[ACS Appl. Mater. Interfaces 2016, 8, 27966-27973](#)
13. A. Baschieri, F. Monti, E. Matteucci, A. Mazzanti, A. Barbieri, **N. Armaroli**, L. Sambri
“A Mesoionic Carbene as Neutral Ligand for Phosphorescent Cationic Ir(III) Complexes”
[Inorg. Chem. 2016, 55, 7912-7919](#)
14. A. Barbieri, E. Bandini, F. Monti, V. K. Praveen, **N. Armaroli**
“The Rise of Near Infrared Emitters: Organic Dyes, Porphyrinoids and Transition Metal Complexes”
[Top. Curr. Chem. 2016, 374, 47](#)
15. **N. Armaroli**, H. J. Bolink
“Luminescence: The Never-Ending Story”
[Top. Curr. Chem. 2016, 374, 44](#)
16. P.-H. Lanoë, J. Chan, G. Gontard, F. Monti, **N. Armaroli**, A. Barbieri, H. Amouri
“Deep-Red Phosphorescent Iridium(III) Complexes with Chromophoric N-Heterocyclic Carbene Ligands: Design, Photophysical Properties, and DFT Calculations”
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17. L. Đorđević, T. Marangoni, F. De Leo, I. Papagiannouli, P. Aloukos, S. Couris, E. Pavoni, F. Monti, **N. Armaroli**, M. Prato, D. Bonifazi
“[60]Fullerene–Porphyrin [n]-pseudorotaxanes: Self-Assembly, Photophysics and Third-Order NLO Responses”

[Phys. Chem. Chem. Phys. 2016, 18, 11858-11868](#)

18. **N. Armaroli**, V. Balzani
"Solar Electricity and Solar Fuels: Status and Perspectives in the Context of the Energy Transition"
[Chem. Eur. J. 2016, 22, 32-57](#), 20th Anniversary Invited Review
19. F. Monti, A. Baschieri, E. Matteucci, A. Mazzanti, L. Sambri, A. Barbieri, **N. Armaroli**
"A Chelating Diisocyanide Ligand for Cyclometalated Ir(III) Complexes with Strong and Tunable Luminescence"
[Faraday Discuss. 2015, 185, 233-248](#)
20. F. Monti, A. Venturini, A. Nenov, F. Tancini, A. D. Finke, F. Diederich, **N. Armaroli**
"Anilino-Substituted Multicyanobuta-1,3-diene Electron Acceptors: TICT Molecules with Accessible Conical Intersections"
[J. Phys. Chem. A 2015, 119, 10677-10683](#)
21. A. Kremer, C. Aurisicchio, F. De Leo, B. Ventura, J. Wouters, **N. Armaroli**, A. Barbieri, D. Bonifazi
"Walking down the Chalcogenic Group of the Periodic Table: From Singlet to Triplet Organic Emitters"
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22. L. Đorđević, T. Marangoni, T. Miletić, J. Rubio-Magnieto, J. Mohanraj, H. Amenitsch, D. Pasini, N. Liaros, S. Couris, **N. Armaroli**, M. Surin, D. Bonifazi
"Solvent Molding of Organic Morphologies Made of Supramolecular Chiral Polymers"
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23. F. Monti, M. G. I. La Placa, **N. Armaroli**, R. Scopelliti, M. Grätzel, Md. K. Nazeeruddin, F. Kessler
"Cationic Iridium(III) Complexes with Two Carbene-Based Cyclometalating Ligands: Cis Versus Trans Isomers"
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24. A. Nano, M.P. Gullo, B. Ventura, **N. Armaroli**, A. Barbieri, R. Ziessel
"Panchromatic Luminescence from Julolidine Dyes Exhibiting Excited State Intramolecular Proton Transfer"
[Chem. Commun. 2015, 51, 3351-3354](#)
25. A. Kremer, E. Bietlot, A. Zanelli, J. M. Malicka, **N. Armaroli**, Davide Bonifazi,
"Versatile Bisethynyl[60]fulleropyrrolidines Scaffolds for Mimicking Artificial Light-harvesting Photoreaction Centers"
[Chem. Eur. J. 2015, 21, 1108-1117](#)
26. E. Pavoni, E. Bandini, M. Benaglia, J. K. Molloy, G. Bergamini, P. Ceroni, **N. Armaroli**
"A Tailored RAFT Copolymer for the Dispersion of Single Walled Carbon Nanotubes in

Aqueous Media”

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27. M. Mohankumar, F. Monti, M. Holler, F. Niess, B. Delavaux-Nicot, **N. Armaroli**, J.-P. Sauvage, J.-F. Nierengarten
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[Chem. Eur. J. 2014, 20, 12083-12090](#), **Cover Page Article**
28. F. Monti, A. Baschieri, I. Gualandi, J. J. Serrano-Pérez, J. M. Junquera-Hernández, D. Tonelli, A. Mazzanti, S. Muzzioli, S. Stagni, C. Roldan-Carmona, A. Pertegás, H. J. Bolink, E. Ortí, L. Sambri, **N. Armaroli**
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29. J.-J. Cid, J. Mohanraj, M. Mohankumar, M. Holler, F. Monti, G. Accorsi, L. Karmazin-Brelot, I. Nierengarten, J. M. Malicka, M. Cocchi, B. Delavaux-Nicot, **N. Armaroli**, J.-F. Nierengarten
“Dinuclear Cu(I) Complexes Prepared from 2-diphenylphosphino-6-methylpyridine”
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“Homoleptic and Heteroleptic Ru^{II} Complexes with Extended Phenanthroline-based Ligands”
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31. V. K. Praveen, C. Ranjith, E. Bandini, A. Ajayaghosh, **N. Armaroli**
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32. A. Kaeser, O. Moudam, G. Accorsi, I. Séguy, J. Navarro, A. Belbakra, C. Duhayon, **N. Armaroli**, B. Delavaux-Nicot, J.-F. Nierengarten
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“White-light Emitting Supramolecular Gels”
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34. K. Yoosaf, J. Iehl, I. Nierengarten, M. Hmadeh, A.-M. Albrecht-Gary, J.-F. Nierengarten, **N. Armaroli**
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"Cyanobuta-1.3-dienes as Novel Electron Acceptors for Photoactive Multicomponent Systems"
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36. A. Kaeser, M. Mohankumar, J. Mohanraj, F. Monti, M. Holler, J. J. Cid, O. Moudam, I. Nierengarten, L. Karmazin-Brelot, C. Duhayon, B. Delavaux-Nicot, **N. Armaroli**, J.-F. Nierengarten
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38. F. Monti, F. Kessler, M. Delgado, J. Frey, F. Bazzanini, G. Accorsi, **N. Armaroli**, H.J. Bolink, E. Ortí, R. Scopelliti, E. Baranoff, M. K. Nazeeruddin
"Charged bis-cyclometalated iridium(III) complexes with Carbene-based Ancillary Ligands"
[Inorg. Chem. 2013, 52, 10292-10305](#)
39. A. Baschieri, F. Sambri, I. Gualandi, D. Tonelli, F. Monti, A. Degli Esposti, **N. Armaroli**
"Carbazole-terpyridine donor-acceptor luminophores"
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40. J. Mohanraj, **N. Armaroli**
"Luminophores and Carbon Nanotubes: An Odd Combination?"
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41. E. C. Constable, C. E. Housecroft, M. Neuburger, P. Rösel, G E. Schneider, J. A. Zampese, F. Monti, **N. Armaroli**, R. D. Costa, R. Casillas, E. Ortí
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42. N. M. Shavaleev, F. Monti, R. Scopelliti, A. Baschieri, F. Sambri, **N. Armaroli**, M. Grätzel, M. K. Nazeeruddin
"Extreme Tuning of Redox and Optical Properties of Cationic Cyclometalated Iridium(III) Isocyanide Complexes"

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55. A. Llanes-Pallas, K. Yoosaf, H. Traboulsi, J. Mohanraj, T. Seldrum, J. Dumont, A. Minoia, R. Lazzaroni, **N. Armaroli**, D. Bonifazi
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57. L. Maggini, J. Mohanraj, H. Traboulsi, A. Parisini, G. Accorsi, **N. Armaroli**, D. Bonifazi
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58. **N. Armaroli**, V. Balzani
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72. **N. Armaroli** "Energy demand and climate change, by F. A. Cocks"
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73. A. Gégout, J. L. Delgado, J.-F. Nierengarten, B. Delavaux-Nicot, A. Listorti, C. Chiorboli, A. Belbakra, **N. Armaroli**
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