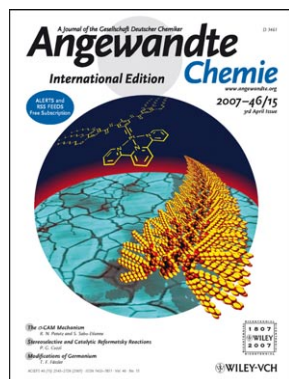




R. Ziessel

The author presented on this page has published more than **10 articles** since 2000 in *Angewandte Chemie*, the most recent being:

"Efficient Synthesis of Panchromatic Dyes for Energy Concentration": T. Bura, P. Retailleau, R. Ziessel, *Angew. Chem.* **2010**, 122, 6809–6813; *Angew. Chem. Int. Ed.* **2010**, 49, 6659–6663.



R. Ziessel has been featured on the cover of *Angewandte Chemie*:

"Formation of Gels and Liquid Crystals Induced by Pt...Pt and π - π^* interactions in Luminescent σ -Alkynyl Platinum(II) Terpyridine Complexes": F. Camerel, R. Ziessel, B. Donnio, C. Bourgogne, D. Guillon, M. Schmutz, C. Iacovita, J.-P. Bucher, *Angew. Chem.* **2007**, 119, 2713–2716; *Angew. Chem. Int. Ed.* **2007**, 46, 2659–2662.

Raymond Ziessel

Date of birth:	December 23, 1953
Position:	Director of Research at CNRS Strasbourg (France)
E-mail address:	ziessel@unistra.fr
Homepage:	http://www-lmspc.u-strasbg.fr/lcosa/
Education:	1978 Engineer in Chemistry, École des Hautes Études Des Industries Chimiques, Strasbourg 1982 PhD with Professor Jean-Marie Lehn, Université Strasbourg 1984–1985 Postdoctoral position with Professor Robert Bergman, University of California, Berkeley (USA)
Awards:	2000 Silver Medal of the CNRS
Current research interests:	Recent interests focus on the preparation of novel liquid crystals by ionic self-assembly, fluorescent organogelators, lanthanide complexes with outstanding optical properties for biomaterial labeling, multicascade energy transfer in artificial systems, photon harvesting and concentration, chemistry of Bodipy, tuning of aggregation processes, fluorescent nanoparticles, liquid crystals, and other fancy self-assembled nanostructures
Hobbies:	Cooking, reading, skiing...

When I was eighteen I wanted to be ... a top chef.

The three qualities that make a good scientist are ... hard work, curiosity, and open-mindedness.

Chemistry is fun because ... it is incredibly adventurous and there is a lot of empty space at the bottom for new ideas, unexpected new fields, esthetical protocols, creative work, and the unique possibility to attempt something crazy on a Friday.

My biggest inspirations are ... mother nature (in particular natural photosynthesis) and all research groups worldwide capable of mimicking fragments of this incredible machinery.

The secrets of being a successful scientist are ... 1) reading scientific articles outside your field and never using electronic reference libraries or related software; 2) collaborating with open-minded, creative, and exceptionally intelligent colleagues whose names appear on joint publications from my research laboratory.

My favorite piece of music is ... "Kol Nidrei" from Max Bruch.

My 5 top papers:

1. "Pyromethene Dialkynyl Borane Complexes for 'Cascadelle' Energy Transfer and Protein Labelling": G. Ulrich, C. Goze, M. Guardigli, A. Roda, R. Ziessel, *Angew. Chem.* **2005**, 117, 3760–3764; *Angew. Chem. Int. Ed.* **2005**, 44, 3694–3698; *Angew. Chem. Int. Ed.* **2005**, 44, 3694–3698. (This manuscript reports the very first example of tetrahedral dialkynyl borane complexes that display exceptional spectroscopic properties including high quantum yields and incredible chemical and photochemical stability.)
2. "Formation of Gels and Liquid Crystals Induced by Pt...Pt and π - π^* Interactions in Luminescent σ -Alkynyl Platinum(II) Terpyridine Complexes": F. Camerel, R. Ziessel, B. Donnio, C. Bourgogne, D. Guillon, M. Schmutz, C. Iacovita, J.-P. Bucher, *Angew. Chem.* **2007**, 119, 2713–2716; *Angew. Chem. Int. Ed.* **2007**, 46, 2659–2662. (This manuscript reports the first formation of robust organogels based on luminescent cationic platinum–terpyridine complexes, a process promoted by efficient metal–metal interactions and distinct hydrogen bonding.)
3. "Highly Luminescent Gels and Mesogens Based on Elaborated Borondipyromethenes": F. Camerel, L. Bonardi, M. Schmutz, R. Ziessel, *J. Am. Chem. Soc.* **2006**, 128, 4548–4549. (This is the first article to show that highly fluorescent organogels could be engineered from flat dyes and that the adequate chemical decoration allows such dyes to display mesomorphic properties.)
4. "Length Dependence for Intramolecular Energy Transfer in Three- and Four-Color Donor–Spacer–Acceptor Arrays": A. Harriman, L. J. Mallon, K. J. Elliot, A. Haefele, G. Ulrich, R. Ziessel, *J. Am. Chem. Soc.* **2009**, 131, 13375–13386. (This paper shows that the construction of artificial scaffoldings that link donor–spacer–acceptor arrays could concentrate photons over a wide range of wavelengths without losing too much energy during the different processes involved.)
5. "Efficient Synthesis of Panchromatic Dyes for Energy Concentration": T. Bura, P. Retailleau, R. Ziessel, *Angew. Chem.* **2010**, 122, 6809–6813; *Angew. Chem. Int. Ed.* **2010**, 49, 6659–6663. (A new protocol to iteratively produce highly colored dyes capable of absorbing visible photons over a large range of wavelengths is reported.)

DOI: 10.1002/anie.201007024