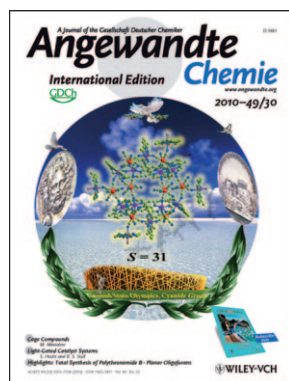




K. R. Dunbar

The author presented on this page has recently published her **10th article** since 2000 in *Angewandte Chemie*:
 “An Unprecedented Charge Transfer Induced Spin Transition in an Fe–Os Cluster”: M. G. Hilfiger, M. Chen, T. V. Brinzari, T. M. Nocera, D. T. Petasis, J. L. Musfeldt, C. Achim, K. R. Dunbar, *Angew. Chem.* **2010**, 122, 1452–1455; *Angew. Chem. Int. Ed.* **2010**, 49, 1410–1413.



K. R. Dunbar has been featured on the cover of *Angewandte Chemie*:
 “Docosanuclear $\text{Mo}_8\text{Mn}_{14}$ Cluster Based on $[\text{Mo}(\text{CN})_7]_4^-$ ”: X.-Y. Wang, A. V. Prosvirin, K. R. Dunbar, *Angew. Chem.* **2010**, 122, 5207–5210; *Angew. Chem. Int. Ed.* **2010**, 49, 5081–5084.

Kim Renée Dunbar

Date of birth:	August 29, 1958
Position:	Distinguished Professor and Davidson Professor of Science, Texas A&M University (USA)
Education:	1984 PhD with Richard A. Walton, Purdue University (USA) 1985–86 Postdoctoral Research Associate with F. A. Cotton, Texas A&M University
Professional associations/	American Chemical Society, Division of Inorganic Chemistry, Past Secretary and Chair; Associate Editor, <i>Inorganic Chemistry</i> ; AAAS Fellow; 2006 Inaugural Award for Graduate
Awards:	Mentoring, Texas A&M University; University Teaching Award, Freshman Chemistry, Michigan State University; Camille and Henry-Dreyfus Fellow; Fellow of the Alfred P. Sloan Foundation
Current research interests:	Coordination chemistry and structure–bonding relationships among families of d-, p-, and f-element compounds; magnetic cyanide molecules as mimics for Prussian Blue materials; conducting and magnetic metal–organic framework solids; magnetically and electrically bistable molecule-based materials; photodynamic therapy agents based on dirhodium and ruthenium compounds; anion– π interactions as controlling elements in supramolecular chemistry
Hobbies:	Taking my dogs to the park and taking drives and walks in rural Texas. There’s nothing like seeing a roadrunner, a pack of wild boar, a water moccasin, and horses in fields of bluebonnets (the state flower of Texas) all in the same day

My favorite subjects at school were ... chemistry and mathematics.

If I could have dinner with three famous scientists from history, they would be ... Marie Curie, Louis Pasteur, and Alfred Werner.

My first experiment was ... a chemical demonstration at the age of ten. I showed my two younger sisters how to make polymers with a chemistry kit that I had received for Christmas.

If I were not scientist ... I would be a nature photographer or a writer.

In a nutshell, my research involves ... the study of related families of metal-containing magnetic, conducting, and biologically active compounds with the ultimate goal being to extract crucial information about subtle structure–property relationships.

My biggest motivation is ... to provide a research atmosphere in which students will realize their maximum potential, not only in the technical aspects of their science, but also in their training as future mentors and scholars.

The secret of being a successful scientist is ... putting aside one’s ego and focusing on the discovery process. Creativity cannot flourish in an oppressive environment.

The best advice I have ever been given is ... “Don’t try to make every shot a winner.” F. Albert Cotton.

My ultimate goal is ... to be happy with my career and to enjoy my students, family, and friends.

My favorite musicians who I continue to enjoy over the years are ... David Bowie, Cat Stevens, Tom Petty, Sheryl Crow, and Van Morrison.

My favorite book is ... “The Complete Poems of Cavafy” translated by Rae Dalven—a gift from Gerassimo (Mike) Karabatsos.

My 5 top papers:

1. “A Trigonal-Bipyramidal Cyanide Cluster with Single-Molecule-Magnet Behavior: Synthesis, Structure, and Magnetic Properties of $[\{\text{Mn}^{\text{II}}(\text{tmphen})_2\}_3-[\text{Mn}^{\text{III}}(\text{CN})_6]_2]^{10-}$ ”: C. P. Berlinguette, D. Vaughn, C. Cañada-Vilalta, J. R. Galán-Mascarós, K. R. Dunbar, *Angew. Chem.* **2003**, 115, 1561–1564; *Angew. Chem. Int. Ed.* **2003**, 42, 1523–1526.
2. “Novel Binding Interactions of the DNA Fragment d(pGpG) Cross-Linked by the Antitumor Active Compound Tetrakis (μ -carboxylato)dirhodium(II,II)”: H. T. Chifotides, K. M. Koshlap, L. M. Pérez, K. R. Dunbar, *J. Am. Chem. Soc.* **2003**, 125, 10714–10724.
3. “Anion– π Interactions”: B. L. Schottel, H. T. Chifotides, K. R. Dunbar, *Chem. Soc. Rev.* **2008**, 37, 68–83.
4. “Unprecedented Binary Semiconductors Based on TCNQ: Single-Crystal X-ray Studies and Physical Properties of $\text{Cu}(\text{TCNQX})_2$ X = Cl, Br”: N. Lopez, H. Zhao, A. Ota, A. V. Prosvirin, E. Reinheimer, K. R. Dunbar, *Adv. Mater.* **2010**, 22, 986–989.
5. “A Remarkable Family of Rhodium Acetonitrile Compounds Spanning Three Oxidation States and with Nuclearities Ranging from Mononuclear and Dinuclear to One-Dimensional Chains”: M. E. Prater, L. E. Pence, R. Clérac, G. M. Finnis, C. Campana, P. Auban-Senzier, D. Jérôme, E. Canadell, K. R. Dunbar, *J. Am. Chem. Soc.* **1999**, 121, 8005–8016.

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