

List of publications
Prof. Dr. Christoph Janiak

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2018	
	A. Zamora, E. Watcher, S. A. Pérez, G. Barone, M. Vera, D. Heidary, V. Rodríguez, V. Fernández-Espín, C. Janiak, E. C. Glazer, J. Ruiz, Novel Pseudo-Tetrahedral Antitumor Organoplatinum(II) “Light-Switch” Complexes Selectively Recognize Duplex AT rich DNA Sequences <i>in preparation.</i>
	S. Dey, A. Bhunia, P. Baran Pati, N. de Sousa Amadeu, C. Janiak, Amine-functionalization of covalent triazine-based frameworks (CTFs): from CO ₂ storage to efficient light-driven hydrogen generation; <i>in preparation.</i>
	L. Yang, T. Zhao, I. Boldog, C. Janiak, X. Yang, Y. Liu, MIL-101(Cr) and MIL-53(Cr) selectivity, morphology and formation time controlled by benzoic acid as a modulator; <i>submitted.</i>
	Payam Abdolalian, Ali Morsali and Christoph Janiak, A highly stable and porous mechanically interlocked 2D metal-organic polyrotaxane for organochlorine insecticide encapsulation and sensing; <i>submitted.</i>
	M. Youhannayee, S. Nakhaei-Rad, F. Haghighi, M. Reza Ahmadian, K. Klauke, C. Janiak, R. Rabenalt, P. Albers, M. Getzlaff, Uptake of iron oxide nanoparticles of different prostate cancer cells; <i>J. Magnetism Magnetic Mater. submitted.</i>
	R. F. M. Elshaarawy, F. H. A. Mustafa, M. A.-E. Zein, C. Janiak, Facile preparation of neutral and ionic liquids-based aminothiazole Schiff bases as additives for synergistically enhanced antibacterial and antifouling coatings; <i>submitted.</i>
	M. Enamullah, M. A. Islam, B. A. Joy, B. Dittrich, G. J. Reiss, C. Janiak, π - π Interaction leading to an inversion-symmetric complex pair of Λ - and Δ -bis[N-2-(R-pyridyl)-2-oxo-1-naphthaldiminato- κ^2 N ^{^O}]zinc(II); <i>submitted.</i>
	N. Tannert, S.-J. Ernst, C. Jansen, H.-J. Bart, S. K. Henninger, C. Janiak, Evaluation of the highly stable metal-organic framework Al-MIL-53-TDC (TDC = 2,5-thiophenedicarboxylate) as a new and promising adsorbent for heat transformation applications; <i>submitted.</i>

	J. D. Evans, B. Garai, H. Reinsch, W. Li, S. Dissegna, V. Bon, I. Senkovska, R. A. Fischer, S. Kaskel, C. Janiak, N. Stock, D. Volkmer, Metal–Organic Frameworks in Germany: from Synthesis to Function; <i>Coord. Chem. Rev.</i> submitted.
	J. M. Stangl, D. Dietrich, A. E. Sedykh, C. Janiak, K. Müller-Buschbaum, Luminescent metal–organic framework mixed matrix membranes for humidity sensing in real status analysis; <i>submitted.</i>
	S. Millan, B. Gil-Hernández, E. Hastürk, A. Schmitz, C. Janiak, A 2D zinc coordination polymer built from the mono-deprotonated 4,4'-azobis(3,5-dimethyl-1H-pyrazole) ligand; <i>Z. Anorg. Allg. Chem.</i> submitted.
	N. Tannert, S. Gökpınar, E. Hastürk, S. Nießing, C. Janiak, Microwave-assisted dry-gel conversion - a new sustainable route for the rapid synthesis of metal-organic frameworks with solvent re-use; <i>Dalton Trans.</i> 2018 , accepted. https://doi.org/10.1039/C8DT02029A
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	M. Enamullah, M. A. Islam, A. C. Kautz, C. Janiak, Synthesis, spectroscopy, electrochemistry and molecular structure of <i>tetrakis</i> [(E)-2-((pyridin-2-ylimino)methyl)phenolato](hydroxido) _{0.5} (nitrate) _{1.5} -tetracopper(II) nitrate hydroxide <i>J. Coord. Chem.</i> 2018 , accepted/in press.
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