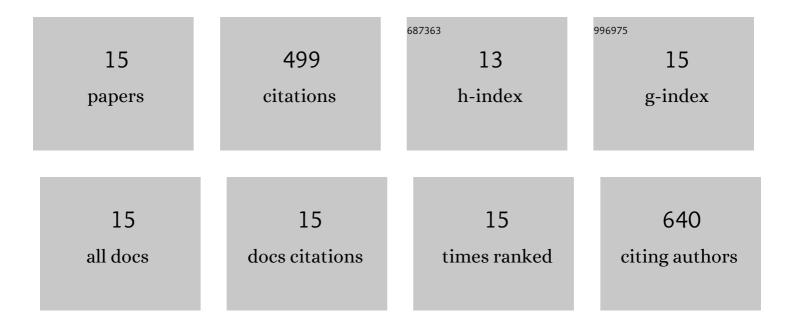
## Heinz-Dieter Kurland

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11913272/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	The differences of the impact of a lipid and protein corona on the colloidal stability, toxicity, and degradation behavior of iron oxide nanoparticles. Nanoscale, 2021, 13, 9415-9435.	5.6	16
2	Simulation of the long-term fate of superparamagnetic iron oxide-based nanoparticles using simulated biological fluids. Nanomedicine, 2019, 14, 1681-1706.	3.3	17
3	Europium( <scp>III</scp> )â€Doped MgAl <sub>2</sub> O <sub>4</sub> Spinel Nanophosphor Prepared by <scp>CO</scp> <sub>2</sub> Laser Coâ€Vaporization. Journal of the American Ceramic Society, 2016, 99, 2561-2564.	3.8	9
4	Design of a New Zirconia–Alumina–Ta Microâ€Nanocomposite with Unique Mechanical Properties. Journal of the American Ceramic Society, 2016, 99, 3205-3209.	3.8	20
5	New ZrO2/Al2O3 Nanocomposite Fabricated from Hybrid Nanoparticles Prepared by CO2 Laser Co-Vaporization. Scientific Reports, 2016, 6, 20589.	3.3	55
6	Characterization of Nanoparticles by Solvent Infrared Spectroscopy. Analytical Chemistry, 2015, 87, 12313-12317.	6.5	23
7	Microstructure, mechanical properties and low temperature degradation resistance of 2Y-TZP ceramic materials derived from nanopowders prepared by laser vaporization. Journal of the European Ceramic Society, 2015, 35, 2685-2691.	5.7	29
8	Structure evolution of nanoparticulate Fe <sub>2</sub> O <sub>3</sub> . Nanoscale, 2015, 7, 2960-2969.	5.6	47
9	Control of the Crystal Phase Composition of Fe <sub><i>x</i></sub> O <sub><i>y</i></sub> Nanopowders Prepared by CO <sub>2</sub> Laser Vaporization. Crystal Growth and Design, 2013, 13, 4868-4876.	3.0	26
10	In Situ Synthesis of Photocatalytically Active Hybrids Consisting of Bacterial Nanocellulose and Anatase Nanoparticles. Langmuir, 2012, 28, 13518-13525.	3.5	45
11	Preparation of ceramic nanospheres by CO2 laser vaporization (LAVA). Journal of the European Ceramic Society, 2011, 31, 2559-2568.	5.7	35
12	Zirconia nanoparticles prepared by laser vaporization as fillers for dental adhesives. Acta Biomaterialia, 2010, 6, 4539-4546.	8.3	89
13	Preparation of Spherical Titania Nanoparticles by CO <sub>2</sub> Laser Evaporation and Processâ€Integrated Particle Coating. Journal of the American Ceramic Society, 2010, 93, 1282-1289.	3.8	23
14	Magnetic iron oxide nanopowders produced by CO2 laser evaporation—â€~In situ' coating and particle embedding in a ceramic matrix. Journal of Magnetism and Magnetic Materials, 2009, 321, 1381-1385.	2.3	25
15	Magnetic iron oxide nanopowders produced by CO2 laser evaporation. Journal of Magnetism and Magnetic Materials, 2007, 311, 73-77.	2.3	40