

# David T Pierce

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/4870693/david-t-pierce-publications-by-year.pdf>

**Version:** 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25 papers	162 citations	7 h-index	12 g-index
27 ext. papers	204 ext. citations	5.1 avg, IF	2.78 L-index

#	Paper	IF	Citations
25	Graphene/gold nanoparticle composites for ultrasensitive and versatile biomarker assay using single-particle inductively-coupled plasma/mass spectrometry. <i>Analyst, The</i> , <b>2021</b> , 145, 7932-7940	5	6
24	One-pot synthesis of graphene quantum dots using humic acid and its application for copper (II) ion detection. <i>Journal of Materials Science</i> , <b>2021</b> , 56, 4991-5005	4.3	10
23	Aggregation-based determination of mercury(II) using DNA-modified single gold nanoparticle, T-Hg(II)-T interaction, and single-particle ICP-MS. <i>Mikrochimica Acta</i> , <b>2019</b> , 187, 56	5.8	7
22	One-Pot Synthesis of Reduced Graphene Oxide/Metal (Oxide) Composites. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 37962-37971	9.5	39
21	Evaluation of Trace Element Partitioning during the Initial Phase of Coal Combustion Using GFAAS. <i>ACS Symposium Series</i> , <b>2011</b> , 75-101	0.4	1
20	Photoswitchable Nanoprobes for Biological Imaging Applications <b>2010</b> , 1-30		
19	Nanomaterials in the Environment: the Good, the Bad, and the Ugly <b>2010</b> , 255-282		2
18	Electroanalytical Measurements at Electrodes Modified with Metal Nanoparticles <b>2010</b> , 283-317		
17	Single Molecule and Single event Nanoelectrochemical Analysis <b>2010</b> , 319-339		1
16	Analytical Applications of Block Copolymer-Derived Nanoporous Membranes <b>2010</b> , 341-358		3
15	Synthesis and Applications of Gold Nanorods <b>2010</b> , 359-381		0
14	Applications of Semiconductor Quantum Dots in Chemical and Biological Analysis <b>2010</b> , 31-60		
13	Nanomaterial-Based Electrochemical Biosensors and Bioassays <b>2010</b> , 61-88		
12	Chemical and Biological Sensing by Electron Transport in Nanomaterials <b>2010</b> , 89-110		0
11	Micro- and Nanofluidic Systems for Trace Analysis of Biological Samples <b>2010</b> , 111-131		
10	Molecularly Imprinted Polymer Submicron Particles Tailored for Extraction of Trace Estrogens in Water <b>2010</b> , 133-159		1
9	Trace Detection of High Explosives with Nanomaterials <b>2010</b> , 161-189		1

8	Nanostructured Materials for Selective Collection of Trace-Level Metals from Aqueous Systems <b>2010</b> , 191-221		3
7	Synthesis and Analysis Applications of TiO <sub>2</sub> -Based Nanomaterials <b>2010</b> , 223-253		0
6	Nanocatalysts in Direct Methanol Fuel Cell Applications. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2008</b> , 38, 394-399		5
5	Developments and Applications of Electrogenerated Chemiluminescence Sensors Based on Micro- and Nanomaterials. <i>Sensors</i> , <b>2008</b> , 8, 5942-5960	3.8	25
4	Effective Use of Demonstration Assessments in the Classroom Relative to Laboratory Topics. <i>Journal of Chemical Education</i> , <b>2007</b> , 84, 1150	2.4	3
3	Photoactive Nanomaterials for Sensing Trace Analytes in Biological Samples. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2005</b> , 35, 661-668		10
2	Low Parts per Billion Determination of Sulfide by Coulometric Argentometry. <i>Environmental Science &amp; Technology</i> , <b>1998</b> , 32, 1734-1737	10.3	11
1	Oxidatively Induced Isomerization of Square-Planar [Ni(1,4,8,11-tetraazacyclotetradecane)](ClO <sub>4</sub> )(2). <i>Inorganic Chemistry</i> , <b>1997</b> , 36, 2950-2955	5.1	34