

David T Pierce

List of Publications by Citations

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Version: 2024-04-09

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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	One-Pot Synthesis of Reduced Graphene Oxide/Metal (Oxide) Composites. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 37962-37971	9.5	39
24	Oxidatively Induced Isomerization of Square-Planar [Ni(1,4,8,11-tetraazacyclotetradecane)](ClO(4))(2). <i>Inorganic Chemistry</i> , 1997 , 36, 2950-2955	5.1	34
23	Developments and Applications of Electrogenenerated Chemiluminescence Sensors Based on Micro- and Nanomaterials. <i>Sensors</i> , 2008 , 8, 5942-5960	3.8	25
22	Low Parts per Billion Determination of Sulfide by Coulometric Argentometry. <i>Environmental Science & Technology</i> , 1998 , 32, 1734-1737	10.3	11
21	Photoactive Nanomaterials for Sensing Trace Analytes in Biological Samples. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2005 , 35, 661-668		10
20	One-pot synthesis of graphene quantum dots using humic acid and its application for copper (II) ion detection. <i>Journal of Materials Science</i> , 2021 , 56, 4991-5005	4.3	10
19	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> , 2019 , 187, 56	5.8	7
18	Graphene/gold nanoparticle composites for ultrasensitive and versatile biomarker assay using single-particle inductively-coupled plasma/mass spectrometry. <i>Analyst, The</i> , 2021 , 145, 7932-7940	5	6
17	Nanocatalysts in Direct Methanol Fuel Cell Applications. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2008 , 38, 394-399		5
16	Analytical Applications of Block Copolymer-Derived Nanoporous Membranes 2010 , 341-358		3
15	Nanostructured Materials for Selective Collection of Trace-Level Metals from Aqueous Systems 2010 , 191-221		3
14	Effective Use of Demonstration Assessments in the Classroom Relative to Laboratory Topics. <i>Journal of Chemical Education</i> , 2007 , 84, 1150	2.4	3
13	Nanomaterials in the Environment: the Good, the Bad, and the Ugly 2010 , 255-282		2
12	Evaluation of Trace Element Partitioning during the Initial Phase of Coal Combustion Using GFAAS. <i>ACS Symposium Series</i> , 2011 , 75-101	0.4	1
11	Single Molecule and Single event Nanoelectrochemical Analysis 2010 , 319-339		1
10	Molecularly Imprinted Polymer Submicron Particles Tailored for Extraction of Trace Estrogens in Water 2010 , 133-159		1
9	Trace Detection of High Explosives with Nanomaterials 2010 , 161-189		1

- 8 Synthesis and Applications of Gold Nanorods **2010**, 359-381 o
- 7 Chemical and Biological Sensing by Electron Transport in Nanomaterials **2010**, 89-110 o
- 6 Synthesis and Analysis Applications of TiO₂-Based Nanomaterials **2010**, 223-253 o
- 5 Photoswitchable Nanoprobes for Biological Imaging Applications **2010**, 1-30
- 4 Electroanalytical Measurements at Electrodes Modified with Metal Nanoparticles **2010**, 283-317
- 3 Applications of Semiconductor Quantum Dots in Chemical and Biological Analysis **2010**, 31-60
- 2 Nanomaterial-Based Electrochemical Biosensors and Bioassays **2010**, 61-88
- 1 Micro- and Nanofluidic Systems for Trace Analysis of Biological Samples **2010**, 111-131