

Norman Herron

List of Publications by Year in descending order

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18
papers

2,544
citations

686830

13
h-index

940134

16
g-index

18
all docs

18
docs citations

18
times ranked

1788
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | The design and synthesis of Heterogeneous Catalyst Systems. <i>Advanced Materials</i> , 1996, 8, 959-968. | 11.1 | 56 |
| 2 | Semiconductor nanocrystals in carrier-transporting polymers: Charge generation and charge transport. <i>Journal of Luminescence</i> , 1996, 70, 48-59. | 1.5 | 71 |
| 3 | Zeolites as Hosts for Novel Optical and Electronic Materials. <i>Topics in Inclusion Science</i> , 1995, , 283-298. | 0.5 | 2 |
| 4 | Designing zeolite catalysts for size and shape selective reactions. <i>Journal of Molecular Catalysis</i> , 1994, 86, 343-369. | 1.2 | 41 |
| 5 | Synthesis and Characterization of Semiconductor Nanop Articulates. <i>Materials Research Society Symposia Proceedings</i> , 1994, 346, 887. | 0.1 | 1 |
| 6 | Towards Monodisperse Semiconductor Clusters: Preparation and Characterization of Thiophenolate-capped CdS Clusters. <i>Israel Journal of Chemistry</i> , 1993, 33, 31-39. | 1.0 | 43 |
| 7 | Synthesis of $\sim 10 \text{ \AA}$... thiophenolate-capped CdS clusters. Observation of a sharp absorption peak. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 2329-2335. | 1.1 | 54 |
| 8 | Three-dimensionally confined diluted magnetic semiconductor clusters: $\text{Zn}_{1-x}\text{Mn}_x\text{S}$. <i>Solid State Communications</i> , 1991, 77, 33-38. | 0.9 | 151 |
| 9 | EXAFS Analysis of Size-Constrained Semiconducting Materials. <i>Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics</i> , 1990, 181, 305-314. | 0.3 | 1 |
| 10 | Synthesis and characterization of surface-capped, size-quantized cadmium sulfide clusters. Chemical control of cluster size. <i>Journal of the American Chemical Society</i> , 1990, 112, 1322-1326. | 6.6 | 436 |
| 11 | Quantum size effects on the exciton energy of CdS clusters. <i>Physical Review B</i> , 1990, 42, 7253-7255. | 1.1 | 388 |
| 12 | Zeolites as Inorganic Analogs of Biopolymers. , 1990, , 81-94. | | 2 |
| 13 | Structure and optical properties of cadmium sulfide superclusters in zeolite hosts. <i>Journal of the American Chemical Society</i> , 1989, 111, 530-540. | 6.6 | 428 |
| 14 | The Selective Partial Oxidation of Alkanes using Zeolite Based Catalysts. Phthalocyanine (PC) Co^{II} Species. <i>Journal of Coordination Chemistry</i> , 1988, 19, 25-38. | 0.8 | 156 |
| 15 | Photoluminescence and relaxation dynamics of cadmium sulfide superclusters in zeolites. <i>The Journal of Physical Chemistry</i> , 1988, 92, 4988-4994. | 2.9 | 296 |
| 16 | The Oxidation of Organic Compounds by Metal Complexes in Zeolites. , 1988, , 293-303. | | 0 |
| 17 | A highly selective zeolite catalyst for hydrocarbon oxidation. A completely inorganic mimic of the alkane ω -hydroxylases. <i>Journal of the American Chemical Society</i> , 1987, 109, 2837-2839. | 6.6 | 149 |
| 18 | A cobalt oxygen carrier in zeolite Y. A molecular "ship in a bottle". <i>Inorganic Chemistry</i> , 1986, 25, 4714-4717. | 1.9 | 269 |