

# 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	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
2	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
3	Quantum size effects on the exciton energy of CdS clusters. <i>Physical Review B</i> , 1990, 42, 7253-7255.	1.1	388
4	Photoluminescence and relaxation dynamics of cadmium sulfide superclusters in zeolites. <i>The Journal of Physical Chemistry</i> , 1988, 92, 4988-4994.	2.9	296
5	A cobalt oxygen carrier in zeolite Y. A molecular "ship in a bottle". <i>Inorganic Chemistry</i> , 1986, 25, 4714-4717.	1.9	269
6	The Selective Partial Oxidation of Alkanes using Zeolite Based Catalysts. Phthalocyanine (PC) "Ship-in-Bottle" Species. <i>Journal of Coordination Chemistry</i> , 1988, 19, 25-38.	0.8	156
7	Three-dimensionally confined diluted magnetic semiconductor clusters: $Zn_{1-x}Mn_xS$ . <i>Solid State Communications</i> , 1991, 77, 33-38.	0.9	151
8	A highly selective zeolite catalyst for hydrocarbon oxidation. A completely inorganic mimic of the alkane $\omega$ -hydroxylases. <i>Journal of the American Chemical Society</i> , 1987, 109, 2837-2839.	6.6	149
9	Semiconductor nanocrystals in carrier-transporting polymers: Charge generation and charge transport. <i>Journal of Luminescence</i> , 1996, 70, 48-59.	1.5	71
10	The design and synthesis of Heterogeneous Catalyst Systems. <i>Advanced Materials</i> , 1996, 8, 959-968.	11.1	56
11	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
12	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
13	Designing zeolite catalysts for size and shape selective reactions. <i>Journal of Molecular Catalysis</i> , 1994, 86, 343-369.	1.2	41
14	Zeolites as Inorganic Analogs of Biopolymers. , 1990, , 81-94.		2
15	Zeolites as Hosts for Novel Optical and Electronic Materials. <i>Topics in Inclusion Science</i> , 1995, , 283-298.	0.5	2
16	EXAFS Analysis of Size-Constrained Semiconducting Materials. <i>Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics</i> , 1990, 181, 305-314.	0.3	1
17	Synthesis and Characterization of Semiconductor Nanoparticulates. <i>Materials Research Society Symposia Proceedings</i> , 1994, 346, 887.	0.1	1
18	The Oxidation of Organic Compounds by Metal Complexes in Zeolites. , 1988, , 293-303.		0