

Heng Liu

List of Publications by Year in descending order

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9
papers

530
citations

1040056

9
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

929
citing authors

#	ARTICLE	IF	CITATIONS
1	Mott and Efros-Shklovskii Variable Range Hopping in CdSe Quantum Dots Films. ACS Nano, 2010, 4, 5211-5216.	14.6	113
2	Air-Stable n-Doped Colloidal HgS Quantum Dots. Journal of Physical Chemistry Letters, 2014, 5, 1139-1143.	4.6	110
3	1/f noise in semiconductor and metal nanocrystal solids. Journal of Applied Physics, 2014, 115, .	2.5	72
4	Photoluminescence Lifetime of Lead Selenide Colloidal Quantum Dots. Journal of Physical Chemistry C, 2010, 114, 14860-14863.	3.1	70
5	n- and p-Type HgTe Quantum Dot Films. Journal of Physical Chemistry C, 2012, 116, 1344-1349.	3.1	53
6	Small Bright Charged Colloidal Quantum Dots. ACS Nano, 2014, 8, 283-291.	14.6	41
7	A mirage study of CdSe colloidal quantum dot films, Urbach tail, and surface states. Journal of Chemical Physics, 2012, 137, 154704.	3.0	37
8	Colloidal HgTe Material for Low-Cost Detection into the MWIR. Journal of Electronic Materials, 2012, 41, 2725-2729.	2.2	18
9	Magnetoresistance of Manganese-Doped Colloidal Quantum Dot Films. Journal of Physical Chemistry C, 2015, 119, 14797-14804.	3.1	16