

# Walter Hoyer

## List of Publications by Year in descending order

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13  
papers

438  
citations

1306789

7  
h-index

1281420

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

486  
citing authors

#	ARTICLE	IF	CITATIONS
1	Classical theory for second-harmonic generation from metallic nanoparticles. <i>Physical Review B</i> , 2009, 79, .	1.1	155
2	Influence of Coulomb and phonon interaction on the exciton formation dynamics in semiconductor heterostructures. <i>Physical Review B</i> , 2003, 67, .	1.1	75
3	Using the Analytical Target Profile to Drive the Analytical Method Lifecycle. <i>Analytical Chemistry</i> , 2019, 91, 2577-2585.	3.2	61
4	Generalization of the FDTD algorithm for simulations of hydrodynamic nonlinear Drude model. <i>Journal of Computational Physics</i> , 2010, 229, 5921-5932.	1.9	38
5	Microscopic theory of the semiconductor terahertz response. <i>Physica Status Solidi (B): Basic Research</i> , 2003, 238, 443-450.	0.7	30
6	Exciton ionization in semiconductors. <i>Physica Status Solidi (B): Basic Research</i> , 2003, 238, 404-410.	0.7	28
7	Confidence, prediction, and tolerance in linear mixed models. <i>Statistics in Medicine</i> , 2019, 38, 5603-5622.	0.8	27
8	Cluster Expansion in Semiconductor Quantum Optics. , 2004, , 309-335.		10
9	Coulomb effects on quantum-well luminescence spectra and radiative recombination times. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2007, 24, 1344.	0.9	7
10	Incoherent pulse generation in semiconductor microcavities. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2003, 0, 1397-1400.	0.8	4
11	Confidence and Prediction in Linear Mixed Models: Do Not Concatenate the Random Effects. Application in an Assay Qualification Study. <i>Statistics in Biopharmaceutical Research</i> , 2020, 12, 262-272.	0.6	2
12	Analytical analysis of single-photon correlations emitted by disordered semiconductor heterostructures. <i>Journal of Materials Science: Materials in Electronics</i> , 2009, 20, 23-29.	1.1	1
13	Classical and Quantum Optics of Semiconductor Nanostructures. <i>Nanostructure Science and Technology</i> , 2008, , 255-351.	0.1	0