

Matthew A Wall

List of Publications by Year in descending order

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11
papers

727
citations

1162367

8
h-index

1372195

10
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11
all docs

11
docs citations

11
times ranked

1303
citing authors

#	ARTICLE	IF	CITATIONS
1	Reaction-Driven Nucleation Theory. <i>Journal of Physical Chemistry C</i> , 2018, 122, 9671-9679.	1.5	18
2	High-speed Raman-encoded molecular imaging of freshly excised tissue surfaces with topically applied SERRS nanoparticles. <i>Journal of Biomedical Optics</i> , 2018, 23, 1.	1.4	6
3	Raman-Encoded Molecular Imaging with Topically Applied SERS Nanoparticles for Intraoperative Guidance of Lumpectomy. <i>Cancer Research</i> , 2017, 77, 4506-4516.	0.4	75
4	Cancer imaging using surface-enhanced resonance Raman scattering nanoparticles. <i>Nature Protocols</i> , 2017, 12, 1400-1414.	5.5	121
5	Gold Nanoparticles: Surfactant-Free Shape Control of Gold Nanoparticles Enabled by Unified Theoretical Framework of Nanocrystal Synthesis (<i>Adv. Mater.</i> 21/2017). <i>Advanced Materials</i> , 2017, 29, .	11.1	2
6	Surfactant-Free Shape Control of Gold Nanoparticles Enabled by Unified Theoretical Framework of Nanocrystal Synthesis. <i>Advanced Materials</i> , 2017, 29, 1605622.	11.1	77
7	Chelator-Free Radiolabeling of SERRS Nanoparticles for Whole-Body PET and Intraoperative Raman Imaging. <i>Theranostics</i> , 2017, 7, 3068-3077.	4.6	49
8	Detection of Lymph Node Metastases with SERRS Nanoparticles. <i>Molecular Imaging and Biology</i> , 2016, 18, 677-685.	1.3	33
9	Rational design of a chalcogenopyrylium-based surface-enhanced resonance Raman scattering nanoprobe with attomolar sensitivity. <i>Nature Communications</i> , 2015, 6, 6570.	5.8	110
10	Surface-enhanced resonance Raman scattering nanostars for high-precision cancer imaging. <i>Science Translational Medicine</i> , 2015, 7, 271ra7.	5.8	236
11	Determination on the Structure of Au Nanorods with Pentagonal Cross-Sections by Various TEM Techniques. <i>Microscopy and Microanalysis</i> , 2014, 20, 868-869.	0.2	0