

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
g-index

11
all docs

11
docs citations

11
times ranked

1303
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Surface-enhanced resonance Raman scattering nanostars for high-precision cancer imaging. <i>Science Translational Medicine</i> , 2015, 7, 271ra7. | 5.8 | 236 |
| 2 | Cancer imaging using surface-enhanced resonance Raman scattering nanoparticles. <i>Nature Protocols</i> , 2017, 12, 1400-1414. | 5.5 | 121 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Chelator-Free Radiolabeling of SERRS Nanoparticles for Whole-Body PET and Intraoperative Raman Imaging. <i>Theranostics</i> , 2017, 7, 3068-3077. | 4.6 | 49 |
| 7 | Detection of Lymph Node Metastases with SERRS Nanoparticles. <i>Molecular Imaging and Biology</i> , 2016, 18, 677-685. | 1.3 | 33 |
| 8 | Reaction-Driven Nucleation Theory. <i>Journal of Physical Chemistry C</i> , 2018, 122, 9671-9679. | 1.5 | 18 |
| 9 | 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 |
| 10 | 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 |
| 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 |