

Anne-Isabelle Henry

List of Publications by Year in descending order

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30
papers

6,222
citations

257101

24
h-index

525886

27
g-index

30
all docs

30
docs citations

30
times ranked

8572
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasmonic Microneedle Arrays for in Situ Sensing with Surface-Enhanced Raman Spectroscopy (SERS). Nano Letters, 2019, 19, 6862-6868.	4.5	83
2	Physicochemical Trapping of Neurotransmitters in Polymer-Mediated Gold Nanoparticle Aggregates for Surface-Enhanced Raman Spectroscopy. Analytical Chemistry, 2019, 91, 9554-9562.	3.2	26
3	Unraveling the Near- and Far-Field Relationship of 2D Surface-Enhanced Raman Spectroscopy Substrates Using Wavelength-Scan Surface-Enhanced Raman Excitation Spectroscopy. Journal of Physical Chemistry C, 2017, 121, 14737-14744.	1.5	21
4	Ultrahigh-Vacuum Tip-Enhanced Raman Spectroscopy. Chemical Reviews, 2017, 117, 4961-4982.	23.0	128
5	Single-Molecule Chemistry with Surface- and Tip-Enhanced Raman Spectroscopy. Chemical Reviews, 2017, 117, 7583-7613.	23.0	519
6	Spiers Memorial Lecture : Surface-enhanced Raman spectroscopy: from single particle/molecule spectroscopy to Ångstrom-scale spatial resolution and femtosecond time resolution. Faraday Discussions, 2017, 205, 9-30.	1.6	19
7	Bisboronic Acids for Selective, Physiologically Relevant Direct Glucose Sensing with Surface-Enhanced Raman Spectroscopy. Journal of the American Chemical Society, 2016, 138, 13952-13959.	6.6	103
8	Surface-Enhanced Raman Spectroscopy Biosensing: <i>In Vivo</i> Diagnostics and Multimodal Imaging. Analytical Chemistry, 2016, 88, 6638-6647.	3.2	190
9	High-Resolution Distance Dependence Study of Surface-Enhanced Raman Scattering Enabled by Atomic Layer Deposition. Nano Letters, 2016, 16, 4251-4259.	4.5	136
10	Probing the Chemistry of Alumina Atomic Layer Deposition Using <i>Operando</i> Surface-Enhanced Raman Spectroscopy. Journal of Physical Chemistry C, 2016, 120, 3822-3833.	1.5	28
11	Silver colloidal pastes for dye analysis of reference and historical textile fibers using direct, extractionless, non-hydrolysis surface-enhanced Raman spectroscopy. Analyst, The, 2013, 138, 5895.	1.7	71
12	Immobilized Nanorod Assemblies: Fabrication and Understanding of Large Area Surface-Enhanced Raman Spectroscopy Substrates. Analytical Chemistry, 2013, 85, 2297-2303.	3.2	138
13	Single nanoparticle plasmonics. Physical Chemistry Chemical Physics, 2013, 15, 4110.	1.3	172
14	Structure Enhancement Factor Relationships in Single Gold Nanoantennas by Surface-Enhanced Raman Excitation Spectroscopy. Journal of the American Chemical Society, 2013, 135, 301-308.	6.6	299
15	Creating, characterizing, and controlling chemistry with SERS hot spots. Physical Chemistry Chemical Physics, 2013, 15, 21-36.	1.3	621
16	Single Molecule Surface-Enhanced Raman Spectroscopy without Nanogaps. Journal of Physical Chemistry Letters, 2013, 4, 3206-3210.	2.1	100
17	LSPR Imaging of Silver Triangular Nanoprisms: Correlating Scattering with Structure Using Electrodynamics for Plasmon Lifetime Analysis. Journal of Physical Chemistry C, 2012, 116, 393-403.	1.5	94
18	SERS: Materials, applications, and the future. Materials Today, 2012, 15, 16-25.	8.3	1,914

#	ARTICLE	IF	CITATIONS
19	Surface-Enhanced Femtosecond Stimulated Raman Spectroscopy. Journal of Physical Chemistry Letters, 2011, 2, 1199-1203.	2.1	131
20	Improved Monodispersity of Plasmonic Nanoantennas via Centrifugal Processing. Journal of Physical Chemistry Letters, 2011, 2, 218-222.	2.1	59
21	Correlated Structure and Optical Property Studies of Plasmonic Nanoparticles. Journal of Physical Chemistry C, 2011, 115, 9291-9305.	1.5	217
22	Structure-Activity Relationships in Gold Nanoparticle Dimers and Trimers for Surface-Enhanced Raman Spectroscopy. Journal of the American Chemical Society, 2010, 132, 10903-10910.	6.6	723
23	Structural and optical characterization of single nanoparticles and single molecule SERS. , 2010, , .		7
24	Exploring single-molecule SERS and single-nanoparticle plasmon microscopy. , 2009, , .		13
25	Gold nanoparticle dimer plasmonics: finite element method calculations of the electromagnetic enhancement to surface-enhanced Raman spectroscopy. Analytical and Bioanalytical Chemistry, 2009, 394, 1819-1825.	1.9	176
26	Tuning of Solid Phase in Supracrystals Made of Silver Nanocrystals. Nano Letters, 2008, 8, 2000-2005.	4.5	43
27	How Do Self-Ordered Silver Nanocrystals Influence Their Growth into Triangular Single Crystals?. Journal of Physical Chemistry C, 2008, 112, 48-52.	1.5	14
28	Large triangular single crystals formed by mild annealing of self-organized silver nanocrystals. Nature Materials, 2007, 6, 900-907.	13.3	141
29	Ellipsometric identification of collective optical properties of silver nanocrystal arrays. Journal of Chemical Physics, 2006, 124, 204713.	1.2	35
30	Single nanoparticle plasmonics. , 0, .		1