Chris D Geddes

List of Publications by Year
in descending order

272	12,546	27035 58	33145 104
papers	citations	h-index	g-index

276	276	276	11534
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antimicrobial carbon nanodots: photodynamic inactivation and dark antimicrobial effects on bacteria by brominated carbon nanodots. Nanoscale, 2021, 13, 85-99.	2.8	31
2	Plasmonic enhancement of nitric oxide generation. Nanoscale, 2021, 13, 12288-12297.	2.8	2
3	Development of a Microplate Platform for High-Throughput Sample Preparation Based on Microwave Metasurfaces. IEEE Access, 2021, 9, 37823-37833.	2.6	1
4	Metal-Enhanced Photosensitization of Singlet Oxygen (ME1O2) from Brominated Carbon Nanodots on Silver Nanoparticle Substrates. Plasmonics, 2021, 16, 1765-1772.	1.8	3
5	Sample Preparation and Diagnostic Methods for a Variety of Settings: A Comprehensive Review. Molecules, 2021, 26, 5666.	1.7	10
6	Low-concentration trypsin detection from a metal-enhanced fluorescence (MEF) platform: Towards the development of ultra-sensitive and rapid detection of proteolytic enzymes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 228, 117739.	2.0	14
7	Opinions in Fluorescence Spectroscopy. Journal of Fluorescence, 2020, 30, 1-1.	1.3	6
8	The Inverse Relationship between Metal-Enhanced Fluorescence and Fluorophore-Induced Plasmonic Current. Journal of Physical Chemistry Letters, 2020, 11, 8145-8151.	2.1	4
9	Carbon Nanodots in Photodynamic Antimicrobial Therapy: A Review. Materials, 2020, 13, 4004.	1.3	59
10	Spectral distortions in zinc-based metal-enhanced fluorescence underpinned by fast and slow electronic transitions. Chemical Physics Letters, 2020, 744, 137212.	1.2	2
11	Spectral Distortions in Metal-Enhanced Fluorescence: Experimental Evidence for Ultra-Fast and Slow Transitions. Journal of Physical Chemistry C, 2020, 124, 4723-4737.	1.5	12
12	Plasmonic Electricity II: The Effect of Particle Size, Solvent Permittivity, Applied Voltage, and Temperature on Fluorophore-Induced Plasmonic Current. Journal of Physical Chemistry C, 2020, 124, 5780-5788.	1.5	6
13	Opinions in Plasmonics. Plasmonics, 2020, 15, 1-1.	1.8	11
14	Fluorophore-Induced Plasmonic Current: Generation-Based Detection of Singlet Oxygen. ACS Sensors, 2020, 5, 1223-1229.	4.0	13
15	A comparison of Lyse-It to other cellular sample preparation, bacterial lysing, and DNA fragmentation technologies. PLoS ONE, 2019, 14, e0220102.	1.1	3
16	Plasmonic Electricity: Fluorophore-Induced Plasmonic Current. Journal of Physical Chemistry C, 2019, 123, 27770-27777.	1.5	6
17	Plasmonicsâ€"One of the Most Prominent Journals in the Plasmonics Field in the World Today. Plasmonics, 2019, 14, 1039-1040.	1.8	0
18	Effects of Lyse-It on endonuclease fragmentation, function and activity. PLoS ONE, 2019, 14, e0223008.	1.1	5

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19	Heavy carbon nanodots 2: plasmon amplification in Quanta Plateâ„¢ wells and the correlation with the synchronous scattering spectrum. Physical Chemistry Chemical Physics, 2019, 21, 1254-1259.	1.3	10
20	Alpha-fluorescence (Î±S1) from thermally stable carbon nanodots. Chemical Physics Letters, 2019, 721, 123-128.	1.2	2
21	Silvered conical-bottom 96-well plates: enhanced low volume detection and the metal-enhanced fluorescence volume/ratio effect. Nanoscale, 2019, 11, 4337-4344.	2.8	15
22	Elucidation of a non-thermal mechanism for DNA/RNA fragmentation and protein degradation when using Lyse-It. PLoS ONE, 2019, 14, e0225475.	1.1	3
23	Review of Advances in Metal-Enhanced Fluorescence. International Journal of Behavioral and Consultation Therapy, 2019, , 253-283.	0.4	7
24	Viable Pathogenic Organism Transportation and Recovery from a Low-Cost Support. Biophysical Journal, 2018, 114, 663a.	0.2	0
25	Heavy carbon nanodots: a new phosphorescent carbon nanostructure. Physical Chemistry Chemical Physics, 2018, 20, 15518-15527.	1.3	29
26	Rapid sample preparation with Lyse-ItÂ® for Listeria monocytogenes and Vibrio cholerae. PLoS ONE, 2018, 13, e0201070.	1.1	8
27	Microwave-Accelerated Metal-Enhanced Fluorescence (MAMEF): A Rapid, < 10 Copy Number Detection Platform. Reviews in Fluorescence, 2018, , 1-20.	0.5	1
28	Plasmonic Electricity: A Digital Form of Metal-Enhanced Fluorescence. Biophysical Journal, 2017, 112, 586a-587a.	0.2	0
29	In Situ Enzymatic Conversion of Nannochloropsis oceanica IMET1 Biomass into Fatty Acid Methyl Esters. Bioenergy Research, 2017, 10, 438-448.	2.2	10
30	Lyse-itâ„¢: a Single Step, Single Platform, Transformational Lysing Technology. Journal of Fluorescence, 2017, 27, 417-417.	1.3	0
31	Lyse-Itâ„¢: A Rapid Platform for Cellular Lysing and Tunable DNA/Protein Fragmentation. , 2017, , 275-296.		3
32	Identification of a Fluorescent Protein from Rhacostoma Atlantica. Photochemistry and Photobiology, 2016, 92, 667-677.	1.3	0
33	Microwave-accelerated method for ultra-rapid extraction of Neisseria gonorrhoeae DNA for downstream detection. Analytical Biochemistry, 2016, 510, 33-40.	1.1	13
34	25 Years of the Journal of Fluorescence. Journal of Fluorescence, 2016, 26, 377-378.	1.3	0
35	10 Years of the Plasmonics Journal. Plasmonics, 2016, 11, 351-352.	1.8	0
36	Fluorescence, Phosphorescence, and Chemiluminescence. Analytical Chemistry, 2016, 88, 170-202.	3.2	95

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37	Phosphorus sequestration in the form of polyphosphate by microbial symbionts in marine sponges. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4381-4386.	3.3	127
38	Plasmonic enhancement of intrinsic carbon nanodot emission. Chemical Physics Letters, 2015, 622, 124-127.	1.2	11
39	Nanoparticle Sizing and Potential Quality Control of Sols Using a Unique Fluorescence Anisotropy Probe and 3D Contour Anisotropy Mapping. Journal of Physical Chemistry Letters, 2015, 6, 918-922.	2.1	4
40	Spectral Distortions in Metal-Enhanced Fluorescence. Biophysical Journal, 2015, 108, 623a-624a.	0.2	0
41	Metal-enhanced fluorescence from zinc substrates can lead to spectral distortion and a wavelength dependence. Applied Physics Letters, 2015, 106, .	1.5	13
42	Silica nanoparticle metrology using Ursa Blueâ„¢ and colloidal Ludox solutions. Dyes and Pigments, 2015, 112, 50-53.	2.0	2
43	Extraction and Sensitive Detection of Toxins A and B from the Human Pathogen Clostridium difficile in 40 Seconds Using Microwave-Accelerated Metal-Enhanced Fluorescence. PLoS ONE, 2014, 9, e104334.	1.1	17
44	Spectral shifts in metal-enhanced fluorescence. Applied Physics Letters, 2014, 105, 063102.	1.5	14
45	Metal-Enhanced S₁ and Alpha- S₁ Fluorescence: Effects of Far-Field Excitation Irradiance on Enhanced Fluorescence. Journal of Physical Chemistry C, 2014, 118, 28791-28796.	1.5	10
46	5-Color Multiplexed Microwave-Accelerated Metal-Enhanced Fluorescence: Detection and Analysis of Multiple DNA Sequences from within one Sample Well within a Few Seconds. Journal of Fluorescence, 2014, 24, 1715-1722.	1.3	6
47	Rapid Catch and Signal (RCS) Technology Platform: Multiplexed Three-Color, 30Âs Microwave-Accelerated Metal-Enhanced Fluorescence DNA Assays. Plasmonics, 2014, 9, 1501-1510.	1.8	2
48	30ÂYears of Surface Plasmon Resonance (SPR) for Biosensing. Plasmonics, 2014, 9, 727-727.	1.8	4
49	Fluorescence-based Broad Dynamic Range Viscosity Probes. Journal of Fluorescence, 2014, 24, 397-402.	1.3	19
50	Fluorescence Correlation Spectroscopy of Methane-Burn Carbon Nanodots. Biophysical Journal, 2014, 106, 620a.	0.2	0
51	Dr Vladislav Papper Joins the Editorial Board of the Journal of Fluorescence. Journal of Fluorescence, 2013, 23, 611-611.	1.3	0
52	Metal-enhanced fluorescence based excitation volumetric effect of plasmon-enhanced singlet oxygen and super oxide generation. Physical Chemistry Chemical Physics, 2013, 15, 15740.	1.3	21
53	Experimental and theoretical study of the distance dependence of metal-enhanced fluorescence, phosphorescence and delayed fluorescence in a single system. Physical Chemistry Chemical Physics, 2013, 15, 19538.	1.3	77
54	Photophysical Characterization and Î±-Type Delayed Luminescence of Rapidly Prepared Au Clusters. Journal of Physical Chemistry C, 2013, 117, 16650-16657.	1.5	11

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55	Highly Sensitive Quantitation of Human Serum Albumin in Clinical Samples for Hypoproteinemia using Metal-Enhanced Fluorescence. Journal of Fluorescence, 2013, 23, 187-192.	1.3	10
56	Enhanced Photostability of Fluorophores in the Presence of Antioxidants and Plasmon Supporting Nanoparticles. Biophysical Journal, 2013, 104, 349a.	0.2	0
57	Wavelength-dependent metal-enhanced fluorescence using synchronous spectral analysis. Chemical Physics Letters, 2013, 556, 168-172.	1.2	30
58	Metal-enhanced fluorescence. Physical Chemistry Chemical Physics, 2013, 15, 19537.	1.3	100
59	Blind Evaluation of the Microwave-Accelerated Metal-Enhanced Fluorescence Ultrarapid and Sensitive Chlamydia trachomatis Test by Use of Clinical Samples. Journal of Clinical Microbiology, 2013, 51, 2913-2920.	1.8	66
60	Sialyl Residues Modulate LPS-Mediated Signaling through the Toll-Like Receptor 4 Complex. PLoS ONE, 2012, 7, e32359.	1.1	49
61	Distance Dependence of Metal-Enhanced Fluorescence. Plasmonics, 2012, 7, 739-744.	1.8	78
62	Metal-enhanced fluorescence: The role of quantum yield, Q, in enhanced fluorescence. Applied Physics Letters, 2012, 100, .	1.5	58
63	Reduced Lifetimes are Directly Correlated with Excitation Irradiance in Metal-Enhanced Fluorescence (MEF). Journal of Fluorescence, 2012, 22, 1659-1662.	1.3	23
64	SYBR Green I: Fluorescence Properties and Interaction with DNA. Journal of Fluorescence, 2012, 22, 1189-1199.	1.3	223
65	Ultra-fast pg/ml anthrax toxin (protective antigen) detection assay based on microwave-accelerated metal-enhanced fluorescence. Analytical Biochemistry, 2012, 425, 54-61.	1.1	38
66	Metal-enhanced fluorescence exciplex emission. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 85, 134-138.	2.0	12
67	Mixed-metal substrates for applications in metal-enhanced fluorescence. Journal of Materials Chemistry, 2011, 21, 6179.	6.7	10
68	Development of a Microwave—Accelerated Metal-Enhanced Fluorescence 40 Second, <100 cfu/mL Point of Care Assay for the Detection of Chlamydia Trachomatis. IEEE Transactions on Biomedical Engineering, 2011, 58, 781-784.	2.5	32
69	UV to NIR Surface Plasmon Coupled and Metal-Enhanced Fluorescence Using Indium Thin Films: Application to Intrinsic (Label-less) Protein Fluorescence Detection. Journal of Physical Chemistry C, 2011, 115, 17227-17236.	1.5	21
70	Rapid Catch and Signal (RES) Platform Technology: Multiplexed Three-Color, Microwave-Accelerated Metal-Enhanced Fluorescence 20 Second DNA Assays. Biophysical Journal, 2011, 100, 137a-138a.	0.2	1
71	Singlet Oxygen Phosphorescence Enhancement by Silver Islands Films. Journal of Physical Chemistry C, 2011, 115, 16275-16281.	1.5	26
72	Metal-enhanced photoluminescence from carbon nanodots. Chemical Communications, 2011, 47, 5313.	2.2	60

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73	Ultra-Fast and Sensitive Detection of Non-Typhoidal Salmonella Using Microwave-Accelerated Metal-Enhanced Fluorescence (â€œMAMEFâ€). PLoS ONE, 2011, 6, e18700.	1.1	33
74	Two-color, 30 second microwave-accelerated Metal-Enhanced Fluorescence DNA assays: A new Rapid Catch and Signal (RCS) technology. Journal of Immunological Methods, 2011, 366, 1-7.	0.6	22
75	Journal of Fluorescence Annual Editorial Board Dinner. Journal of Fluorescence, 2011, 21, 473-473.	1.3	0
76	Metal enhanced fluorescence of the fluorescent brightening agent Tinopal-CBX near silver island film. Dyes and Pigments, 2011, 91, 225-230.	2.0	14
77	Metal-enhanced fluorescence based calcium detection: Greater than 100-fold increase in signal/noise using Fluo-3 or Fluo-4 and silver nanostructures. Sensors and Actuators B: Chemical, 2011, 152, 82-87.	4.0	17
78	JoF Rejection Rate Exceeds 55%. Journal of Fluorescence, 2010, 20, 1-1.	1.3	2
79	An evaluation of chemical photoreactivity and the relationship to phototoxicity. Regulatory Toxicology and Pharmacology, 2010, 58, 224-232.	1.3	35
80	Indium nanodeposits: A substrate for metal-enhanced fluorescence in the ultraviolet spectral region. Journal of Applied Physics, 2010, 108, .	1.1	31
81	Interactions of Fluorophores with Iron Nanoparticles: Metal-Enhanced Fluorescence. Journal of Physical Chemistry C, 2010, 114, 7575-7581.	1.5	23
82	Metal-Enhanced Fluorescence from Silverâ"SiO₂â"Silver Nanoburger Structures. Langmuir, 2010, 26, 12371-12376.	1.6	22
83	Metal-enhanced chemiluminescence from chromium, copper, nickel, and zinc nanodeposits: Evidence for a second enhancement mechanism in metal-enhanced fluorescence. Applied Physics Letters, 2010, 97, 133103.	1.5	14
84	Metal-enhanced fluorescence from thermally stable rhodium nanodeposits. Journal of Materials Chemistry, 2010, 20, 8600.	6.7	14
85	Fixed-angle observation of surface plasmon coupled chemiluminescence from palladium thin films. Applied Physics Letters, 2009, 95, 123117.	1.5	5
86	Metal-enhanced bioluminescence: An approach for monitoring biological luminescent processes. Applied Physics Letters, 2009, 94, .	1.5	26
87	Voltage-Gated Metal-Enhanced Fluorescence II: Effects of Fluorophore Concentration on the Magnitude of the Gated-Current. Journal of Fluorescence, 2009, 19, 369-374.	1.3	5
88	New Regional Editor for India: Professor Amitabha Chattopadhyay. Journal of Fluorescence, 2009, 19, 189-190.	1.3	1
89	Voltage-Gated Metal-Enhanced Fluorescence. Journal of Fluorescence, 2009, 19, 363-367.	1.3	3
90	The Whoâ€™s Who in Fluorescence 2009 Volume. Journal of Fluorescence, 2009, 19, 387-387.	1.3	0

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91	Wavelength-Ratiometric Plasmon Light Scattering-Based Immunoassays. Plasmonics, 2009, 4, 267-272.	1.8	13
92	Directional surface plasmon coupled chemiluminescence from nickel thin films: Fixed angle observation. Chemical Physics Letters, 2009, 473, 120-125.	1.2	5
93	Wavelength Dependence of Metal-Enhanced Fluorescence. Journal of Physical Chemistry C, 2009, 113, 12095-12100.	1.5	99
94	Broad Wavelength Range Metal-Enhanced Fluorescence Using Nickel Nanodeposits. Journal of Physical Chemistry C, 2009, 113, 15811-15816.	1.5	31
95	Directional, Broad, and Fixed Angle Surface Plasmon Coupled Fluorescence from Iron Thin Films. Journal of Physical Chemistry C, 2009, 113, 20535-20538.	1.5	6
96	Sonication-Assisted Metal-Enhanced Fluorescence-Based Bioassays. Analytical Chemistry, 2009, 81, 4713-4719.	3.2	14
97	Metal-enhanced chemiluminescence: advanced chemiluminescence concepts for the 21st century. Chemical Society Reviews, 2009, 38, 2556.	18.7	131
98	Plasmonic Electricity: A Digital form of Metal-Enhanced Fluorescence. Biophysical Journal, 2009, 96, 45a-46a.	0.2	0
99	Directional Surface Plasmon Coupled Luminescence for Analytical Sensing Applications: Which Metal, What Wavelength, What Observation Angle?. Analytical Chemistry, 2009, 81, 6913-6922.	3.2	58
100	Use of surface plasmon-coupled emission for enhancing light transmission through Top-Emitting Organic Light Emitting Diodes. Thin Solid Films, 2008, 516, 1977-1983.	0.8	10
101	The Journal of Fluorescence Expands Further with New Regional Editors. Journal of Fluorescence, 2008, 18, 237-237.	1.3	1
102	The Whoâ€™s Who in Fluorescence Annual Volume Breaks New Ground. Journal of Fluorescence, 2008, 18, 761-761.	1.3	0
103	The Journal of the Fluorescence Moves to a New Home. Journal of Fluorescence, 2008, 18, 1027-1027.	1.3	0
104	Plasmonics is Now Indexed on Thompsonâ€™s ISI Database. Plasmonics, 2008, 3, 1-1.	1.8	0
105	A Review of an Ultrafast and Sensitive Bioassay Platform Technology: Microwave-accelerated Metal-enhanced Fluorescence. Plasmonics, 2008, 3, 89-101.	1.8	37
106	Plasmonics First Impact Factor of 2.765. Plasmonics, 2008, 3, 47-47.	1.8	0
107	Plasmonics Moves to a New Home. Plasmonics, 2008, 3, 109-109.	1.8	0
108	Metal-enhanced fluorescence from paper substrates: Modified spectral properties of dyes for potential high-throughput surface analysis and assays and as an anti-counterfeiting technology. Dyes and Pigments, 2008, 77, 545-549.	2.0	27

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109	Use of silver nanoparticles to enhance surface plasmon-coupled emission (SPCE). Chemical Physics Letters, 2008, 452, 162-167.	1.2	72
110	Angular-dependent metal-enhanced fluorescence from silver island films. Chemical Physics Letters, 2008, 453, 222-228.	1.2	38
111	Metal-enhanced excimer (P-type) fluorescence. Chemical Physics Letters, 2008, 458, 147-151.	1.2	17
112	Silver island nanodeposits to enhance surface plasmon coupled fluorescence from copper thin films. Chemical Physics Letters, 2008, 464, 216-219.	1.2	20
113	Microwave-accelerated surface plasmon-coupled directional luminescence 2: A platform technology for ultra fast and sensitive target DNA detection in whole blood. Journal of Immunological Methods, 2008, 331, 103-113.	0.6	24
114	Extraction and Detection of DNA from Bacillus anthracis Spores and the Vegetative Cells within 1 min. Analytical Chemistry, 2008, 80, 4125-4132.	3.2	50
115	Metal-Enhanced Fluorescence from Chromium Nanodeposits. Journal of Physical Chemistry C, 2008, 112, 17969-17973.	1.5	41
116	Surface Plasmon Coupled Fluorescence in the Ultraviolet and Visible Spectral Regions Using Zinc Thin Films. Analytical Chemistry, 2008, 80, 7304-7312.	3.2	49
117	Metal-Enhanced Fluorescence from Nanoparticulate Zinc Films. Journal of Physical Chemistry C, 2008, 112, 18368-18375.	1.5	78
118	New tools for rapid clinical and bioagent diagnostics: microwaves and plasmonic nanostructures. Analyst, The, 2008, 133, 1469.	1.7	23
119	Plasmonic engineering of singlet oxygen generation. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1798-1802.	3.3	171
120	Metal-enhanced e-type fluorescence. Applied Physics Letters, 2008, 92, 013905.	1.5	22
121	Metal-enhanced superoxide generation: A consequence of plasmon-enhanced triplet yields. Applied Physics Letters, 2007, 91, 023114.	1.5	15
122	Microwave-accelerated plasmonics: application to ultrafast and ultrasensitive clinical assays. , 2007, , .		2
123	Fluorescence microscopy in a microwave cavity. Optics Express, 2007, 15, 11640.	1.7	22
124	Metal-enhanced fluorescence: Surface plasmons can radiate a fluorophoreâ€™s structured emission. Applied Physics Letters, 2007, 90, 053107.	1.5	68
125	Microwave-Triggered Surface Plasmon Coupled Chemiluminescence. Journal of the American Chemical Society, 2007, 129, 9850-9851.	6.6	11
126	Metal-enhanced fluorescence from copper substrates. Applied Physics Letters, 2007, 90, 173116.	1.5	90

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127	Surface plasmon coupled fluorescence from copper substrates. Applied Physics Letters, 2007, 91, 151902.	1.5	21
128	Microwave-accelerated metal-enhanced fluorescence: application to detection of genomic and exosporium anthrax DNA in <30 seconds. Analyst, The, 2007, 132, 1130.	1.7	43
129	Microwave-accelerated metal-enhanced fluorescence: an ultra-fast and sensitive DNA sensing platform. Analyst, The, 2007, 132, 1122.	1.7	32
130	Angular-dependent metal-enhanced fluorescence from silver colloid-deposited films: opportunity for angular-ratiometric surface assays. Analyst, The, 2007, 132, 1112.	1.7	23
131	Spatial and Temporal Control of Microwave Triggered Chemiluminescence:â€‰ A Protein Detection Platform. Analytical Chemistry, 2007, 79, 7042-7052.	3.2	26
132	Metal-Enhanced Surface Plasmon-Coupled Phosphorescence. Journal of Physical Chemistry C, 2007, 111, 6051-6059.	1.5	36
133	Microwave-Accelerated Ultrafast Nanoparticle Aggregation Assays Using Gold Colloids. Analytical Chemistry, 2007, 79, 2131-2136.	3.2	28
134	Metal-Enhanced Fluorescence of Phycobiliproteins from Heterogeneous Plasmonic Nanostructures. Journal of Physical Chemistry C, 2007, 111, 18856-18863.	1.5	47
135	Fluorescent Coreâ^'Shell Ag@SiO2Nanocomposites for Metal-Enhanced Fluorescence and Single Nanoparticle Sensing Platforms. Journal of the American Chemical Society, 2007, 129, 1524-1525.	6.6	526
136	First observation of surface plasmon-coupled chemiluminescence (SPCC). Chemical Physics Letters, 2007, 435, 114-118.	1.2	32
137	Microwave-Accelerated Surface Plasmon-Coupled Directional Luminescence: Application to fast and sensitive assays in buffer, human serum and whole blood. Journal of Immunological Methods, 2007, 323, 55-64.	0.6	39
138	Metal Enhanced Fluorescence Solution-based Sensing Platform 2: Fluorescent Core-Shell Ag@SiO2 Nanoballs. Journal of Fluorescence, 2007, 17, 127-131.	1.3	80
139	Microwave-Triggered Chemiluminescence with Planar Geometrical Aluminum Substrates: Theory, Simulation and Experiment. Journal of Fluorescence, 2007, 17, 279-287.	1.3	17
140	Metal-enhanced Singlet Oxygen Generation: A Consequence of Plasmon Enhanced Triplet Yields. Journal of Fluorescence, 2007, 17, 345-349.	1.3	107
141	Low Temperature Metal-Enhanced Fluorescence. Journal of Fluorescence, 2007, 17, 627-631.	1.3	15
142	Journal of Fluorescence Special Issueâ€"Advances in Single Molecule Spectroscopy. Journal of Fluorescence, 2007, 17, 591-591.	1.3	0
143	Real-time Thermal Imaging of Microwave Accelerated Metal-Enhanced Fluorescence (MAMEF) Based Assays on Sapphire Plates. Journal of Fluorescence, 2007, 17, 639-642.	1.3	8
144	Plasmonics Special Issueâ€"Advances in Metalâ€"Molecular Interactions. Plasmonics, 2007, 2, 95-95.	1.8	2

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145	Plasmonic DNA Technology. Plasmonics, 2007, 2, 163-163.	1.8	1
146	Metal-enhanced chemiluminescence: Radiating plasmons generated from chemically induced electronic excited states. Applied Physics Letters, 2006, 88, 173104.	1.5	66
147	Metal-Enhanced Phosphorescence:Â Interpretation in Terms of Triplet-Coupled Radiating Plasmons. Journal of Physical Chemistry B, 2006, 110, 25108-25114.	1.2	89
148	Multicolor Directional Surface Plasmon-Coupled Chemiluminescence. Journal of Physical Chemistry B, 2006, 110, 22644-22651.	1.2	21
149	Metal-Enhanced Fluorescence-Based RNA Sensing. Journal of the American Chemical Society, 2006, 128, 4206-4207.	6.6	168
150	Metal-enhanced fluorescence from silver nanoparticle-deposited polycarbonate substrates. Journal of Materials Chemistry, 2006, 16, 2846.	6.7	95
151	Microwave Triggered Metal Enhanced Chemiluminescence:Â Quantitative Protein Determination. Analytical Chemistry, 2006, 78, 8020-8027.	3.2	44
152	Multicolor Microwave-Triggered Metal-Enhanced Chemiluminescence. Journal of the American Chemical Society, 2006, 128, 13372-13373.	6.6	44
153	Fast and sensitive DNA hybridization assays using microwave-accelerated metal-enhanced fluorescence. Biochemical and Biophysical Research Communications, 2006, 348, 612-617.	1.0	40
154	Metal-enhanced phosphorescence (MEP). Chemical Physics Letters, 2006, 427, 432-437.	1.2	57
155	Surface plasmon coupled phosphorescence (SPCP). Chemical Physics Letters, 2006, 432, 610-615.	1.2	18
156	Metal-enhanced S2 fluorescence from azulene. Chemical Physics Letters, 2006, 432, 528-532.	1.2	23
157	Microwave-Accelerated Metal-Enhanced Fluorescence (MAMEF): Application to Ultra Fast and Sensitive Clinical Assays. Journal of Fluorescence, 2006, 16, 3-8.	1.3	44
158	Technical and Design Notes. Journal of Fluorescence, 2006, 16, 277-277.	1.3	0
159	Metal-Enhanced Chemiluminescence. Journal of Fluorescence, 2006, 16, 295-299.	1.3	52
160	The Journal of Fluorescence Impact Number Climbs for the 5th Year Running to 2.038. Journal of Fluorescence, 2006, 16, 623-623.	1.3	1
161	Microwave-Triggered Metal-Enhanced Chemiluminescence (MT-MEC): Application to Ultra-fast and Ultra-sensitive Clinical Assays. Journal of Fluorescence, 2006, 16, 641-647.	1.3	11
162	Metal-Enhanced Fluorescence from Gold Surfaces: Angular Dependent Emission. Journal of Fluorescence, 2006, 17, 7-13.	1.3	89

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163	Wavelength-ratiometric and colorimetric probes for glucose determination. Dyes and Pigments, 2006, 68, 159-163.	2.0	18
164	Microwave-Accelerated and Metal-Enhanced Fluorescence Myoglobin Detection on Silvered Surfaces: Potential Application to Myocardial Infarction Diagnosis. Plasmonics, 2006, 1, 53-59.	1.8	37
165	Plasmonicsâ€"A Vision for the Future. Plasmonics, 2006, 1, 1-2.	1.8	3
166	Microwave-Accelerated Metal-Enhanced Fluorescence (MAMEF) with silver colloids in 96-well plates: Application to ultra fast and sensitive immunoassays, High Throughput Screening and drug discovery. Journal of Immunological Methods, 2006, 312, 137-147.	0.6	55
167	Metal-Enhanced Fluorescence: Application to High-Throughput Screening and Drug Discovery. , 2005, , 603-666.		5
168	A wavelength?ratiometric fluoride-sensitive probe based on the quinolinium nucleus and boronic acid moiety. Sensors and Actuators B: Chemical, 2005, 104, 103-110.	4.0	66
169	Boronic acid fluorescent sensors for monosaccharide signaling based on the 6-methoxyquinolinium heterocyclic nucleus: progress toward noninvasive and continuous glucose monitoring. Bioorganic and Medicinal Chemistry, 2005, 13, 113-119.	1.4	76
170	Plasmon light scattering in biology and medicine: new sensing approaches, visions and perspectives. Current Opinion in Chemical Biology, 2005, 9, 538-544.	2.8	279
171	Analytical techniques. Current Opinion in Chemical Biology, 2005, 9, 488.	2.8	0
172	A glucose-sensing contact lens: from bench top to patient. Current Opinion in Biotechnology, 2005, 16, 100-107.	3.3	93
173	Metal-enhanced fluorescence: an emerging tool in biotechnology. Current Opinion in Biotechnology, 2005, 16, 55-62.	3.3	702
174	Rapid Deposition of Triangular Silver Nanoplates on Planar Surfaces:â€‰ Application to Metal-Enhanced Fluorescence. Journal of Physical Chemistry B, 2005, 109, 6247-6251.	1.2	202
175	Metal-enhanced fluorescence using anisotropic silver nanostructures: critical progress to date. Analytical and Bioanalytical Chemistry, 2005, 382, 926-933.	1.9	155
176	Cyanide-sensitive fluorescent probes. Dyes and Pigments, 2005, 64, 49-55.	2.0	110
177	Author Impact Measure (AIM): An Author Publication Statistic for the Who's Who in Fluorescence Volume. Journal of Fluorescence, 2005, 15, 905-905.	1.3	0
178	Celebrating 15 years of Publishing Excellence: No. 2. Journal of Fluorescence, 2005, 15, 827-827.	1.3	0
179	The New Society of Fluorescence. Journal of Fluorescence, 2005, 15, 901-901.	1.3	0
180	Celebrating 15 years of the Journal of Fluorescence. Journal of Fluorescence, 2005, 15, 1-1.	1.3	0

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