Ignacy Gryczynski

List of Publications by Year
in descending order

304	13,621	25423	36203
papers	citations	h-index	g-index

304	304	304	12085
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Luminescence properties of 5-Bromoindole in PVA films at room temperature: Direct triplet state excitation. Journal of Luminescence, 2021, 230, 117724.	1.5	12
2	On the origin and correction for inner filter effects in fluorescence. Part II: secondary inner filter effect -the proper use of front-face configuration for highly absorbing and scattering samples. Methods and Applications in Fluorescence, 2021, 9, 035005.	1.1	14
3	Effect of Dimer Structure and Inhomogeneous Broadening of Energy Levels on the Action of Flavomononucleotide in Rigid Polyvinyl Alcohol Films. International Journal of Molecular Sciences, 2021, 22, 7759.	1.8	1
4	A novel approach to imaging and visualization of minute amounts of DNA in small volume samples. Analyst, The, 2021, 146, 6520-6527.	1.7	2
5	Probing the Assembly of HDL Mimetic, Drug Carrying Nanoparticles Using Intrinsic Fluorescence. Journal of Pharmacology and Experimental Therapeutics, 2020, 373, 113-121.	1.3	5
6	On the possibility of direct triplet state excitation of indole. Journal of Photochemistry and Photobiology B: Biology, 2020, 208, 111897.	1.7	12
7	Photophysical properties and detection of Valrubicin on plasmonic platforms. Dyes and Pigments, 2019, 163, 623-627.	2.0	9
8	Enhanced DNA detection using a multiple pulse pumping scheme with time-gating (MPPTG). Analyst, The, 2018, 143, 2819-2827.	1.7	8
9	Fluorescence properties of doxorubicin in PBS buffer and PVA films. Journal of Photochemistry and Photobiology B: Biology, 2017, 170, 65-69.	1.7	80
10	Spectral Features and Excited-State Transformations of Hydroxy Derivatives of 4â€²-N,N-Dimethylaminoflavone in PVA Films and on Plasmonic Platforms. Journal of Physical Chemistry C, 2017, 121, 636-648.	1.5	6
11	Solvatochromic dye LDS 798 as microviscosity and pH probe. Physical Chemistry Chemical Physics, 2017, 19, 29934-29939.	1.3	22
12	Tryptophan Fluorescence Yields and Lifetimes as a Probe of Conformational Changes in Human Glucokinase. Journal of Fluorescence, 2017, 27, 1621-1631.	1.3	6
13	Novel inorganic xerogels doped with CaWO4:xDy: Synthesis, characterization and luminescence properties. Materials Chemistry and Physics, 2017, 199, 166-172.	2.0	11
14	Measurement of drug-target engagement in live cells by two-photon fluorescence anisotropy imaging. Nature Protocols, 2017, 12, 1472-1497.	5.5	19
15	Exosomal Annexin II Promotes Angiogenesis and Breast Cancer Metastasis. Molecular Cancer Research, 2017, 15, 93-105.	1.5	234
16	Imaging viscosity of intragranular mucin matrix in cystic fibrosis cells. Scientific Reports, 2017, 7, 16761.	1.6	12
17	No Difference in Myosin Kinetics and Spatial Distribution of the Lever Arm in the Left and Right Ventricles of Human Hearts. Frontiers in Physiology, 2017, 8, 732.	1.3	2
18	Photophysical Properties of Synthetic Food Dyes. Biophysical Journal, 2016, 110, 490a.	0.2	0

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19	Defect-mediated spontaneous emission enhancement of plasmon-coupled CuInS_2 and CuInS_2/ZnS. Optical Materials Express, 2016, 6, 566.	1.6	3
20	Fluorescent biosensor for the detection of hyaluronidase: intensity-based ratiometric sensing and fluorescence lifetime-based sensing using a long lifetime azadioxatriangulenium (ADOTA) fluorophore. Analytical and Bioanalytical Chemistry, 2016, 408, 3811-3821.	1.9	19
21	A triazine-based BODIPY trimer as a molecular viscometer. Physical Chemistry Chemical Physics, 2016, 18, 4535-4540.	1.3	24
22	Photophysical characterization of anticancer drug valrubicin in rHDL nanoparticles and its use as an imaging agent. Journal of Photochemistry and Photobiology B: Biology, 2016, 155, 60-65.	1.7	22
23	Identifying and selecting edible luminescent probes as sensors of food quality. AIMS Biophysics, 2016, 3, 319-339.	0.3	10
24	A Novel Method of Determining the Functional Effects of a Minor Genetic Modification of a Protein. Frontiers in Cardiovascular Medicine, 2015, 2, 35.	1.1	1
25	Steady state and time resolved fluorescence studies of azadioxatriangulenium (ADOTA) fluorophore in silica and PVA thin films. Dyes and Pigments, 2015, 117, 16-23.	2.0	12
26	Effect of quencher, denaturants, temperature and pH on the fluorescent properties of BSA protected gold nanoclusters. Journal of Luminescence, 2015, 168, 62-68.	1.5	32
27	Sandwich type plasmonic platform for MEF using silver fractals. Nanoscale, 2015, 7, 17729-17734.	2.8	7
28	A homodimeric BODIPY rotor as a fluorescent viscosity sensor for membrane-mimicking and cellular environments. Physical Chemistry Chemical Physics, 2014, 16, 27037-27042.	1.3	61
29	Resonance energy transfer between fluorescent BSA protected Au nanoclusters and organic fluorophores. Nanoscale, 2014, 6, 385-391.	2.8	55
30	Preparation of Plasmonic Platforms of Silver Wires on Gold Mirrors and Their Application to Surface Enhanced Fluorescence. ACS Applied Materials & Interfaces, 2014, 6, 18780-18787.	4.0	8
31	Membrane Topology of Human Presenilin-1 in SK-N-SH Cells Determined by Fluorescence Correlation Spectroscopy and Fluorescent Energy Transfer. Cell Biochemistry and Biophysics, 2014, 70, 923-932.	0.9	9
32	The K104E Mutation of the Myosin Regulatory Light Chain Alters Kinetics and Distribution of Orientations of Cross-Bridges in Transgenic Cardiac Myofibrils. Biophysical Journal, 2014, 106, 563a-564a.	0.2	0
33	Elimination of autofluorescence in fluorescence correlation spectroscopy using the AzaDiOxaTriAngulenium (ADOTA) fluorophore in combination with time-correlated single-photon counting (TCSPC). Analytical and Bioanalytical Chemistry, 2013, 405, 4887-4894.	1.9	29
34	Elimination of autofluorescence background from fluorescence tissue images by use of time-gated detection and the AzaDiOxaTriAngulenium (ADOTA) fluorophore. Analytical and Bioanalytical Chemistry, 2013, 405, 2065-2075.	1.9	79
35	Comparison of Orientation and Rotational Motion of Skeletal Muscle Cross-bridges Containing Phosphorylated and Dephosphorylated Myosin Regulatory Light Chain. Journal of Biological Chemistry, 2013, 288, 7012-7023.	1.6	20
36	YY1 and a unique DNA repeat element regulates the transcription of mouse CS1 (CD319, SLAMF7) gene. Molecular Immunology, 2013, 54, 254-263.	1.0	8

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37	Polarization properties of fluorescent BSA protected Au25 nanoclusters. Nanoscale, 2013, 5, 3441.	2.8	48
38	Polarization and Symmetry of Electronic Transitions in Long Fluorescence Lifetime Triangulenium Dyes. Journal of Physical Chemistry A, 2013, 117, 2160-2168.	1.1	50
39	Brutonâ€™s Tyrosine Kinase Mediates FcÎ³RIIa/Toll-Like Receptorâ€“4 Receptor Crosstalk in Human Neutrophils. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 240-249.	1.4	29
40	Long-Lived Bright Red Emitting Azaoxa-Triangulenium Fluorophores. PLoS ONE, 2013, 8, e63043.	1.1	48
41	FRET Based Ratio-Metric Sensing of Hyaluronidase in Synthetic Urine as a Biomarker for Bladder and Prostate Cancer. Current Pharmaceutical Biotechnology, 2013, 14, 470-474.	0.9	18
42	Lenticular mitoprotection. Part A: Monitoring mitochondrial depolarization with JC-1 and artifactual fluorescence by the glycogen synthase kinase-3Î² inhibitor, SB216763. Molecular Vision, 2013, 19, 1406-12.	1.1	63
43	Detection of hyaluronidase activity using fluorescein labeled hyaluronic acid and Fluorescence Correlation Spectroscopy. Journal of Photochemistry and Photobiology B: Biology, 2012, 116, 7-12.	1.7	15
44	Fluorescent polyelectrolyte capped silver nanoclusters: Optimization and spectroscopic evaluation. Chemical Physics Letters, 2012, 549, 72-76.	1.2	7
45	Hybrid optical materials of plasmon-coupled CdSe/ZnS coreshells for photonic applications. Optical Materials Express, 2012, 2, 1026.	1.6	12
46	Concentration-Dependent Fluorescence Properties of Rhodamine 6G in Titanium Dioxide and Silicon Dioxide Nanolayers. Journal of Physical Chemistry C, 2012, 116, 12304-12311.	1.5	32
47	Properties of coatings on RFID p-Chips that support plasmonic fluorescence enhancement in bioassays. Analytical and Bioanalytical Chemistry, 2012, 404, 2223-2231.	1.9	6
48	Engineering resonance energy transfer for advanced immunoassays: The case of celiac disease. Analytical Biochemistry, 2012, 425, 13-17.	1.1	5
49	Metal enhanced fluorescence of Me-ADOTAÂ·Cl dye by silver triangular nanoprisms on a gold film. Chemical Physics Letters, 2012, 531, 126-131.	1.2	12
50	Lifetime-based sensing of the hyaluronidase using fluorescein labeled hyaluronic acid. Journal of Photochemistry and Photobiology B: Biology, 2012, 106, 69-73.	1.7	16
51	Imaging exocytosis of ATP-containing vesicles with TIRF microscopy in lung epithelial A549 cells. Purinergic Signalling, 2012, 8, 59-70.	1.1	54
52	Effects of chain length on oligopeptide hydrogelation. Soft Matter, 2011, 7, 2624.	1.2	9
53	Enhancement of Single-Molecule Fluorescence Signals by Colloidal Silver Nanoparticles in Studies of Protein Translation. ACS Nano, 2011, 5, 399-407.	7.3	40
54	Fractal-like Silver Aggregates Enhance the Brightness and Stability of Single-Molecule Fluorescence. Applied Spectroscopy, 2011, 65, 174-180.	1.2	5

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55	Investigation of the molecular mechanism of the blue-light-specific excitation energy quenching in the plant antenna complex LHCII. Journal of Plant Physiology, 2011, 168, 409-414.	1.6	8
56	Fluorescent properties of antioxidant cysteine ABZ analogue. Journal of Photochemistry and Photobiology B: Biology, 2011, 102, 241-245.	1.7	3
57	Fluorescence detection of hyaluronidase. Journal of Photochemistry and Photobiology B: Biology, 2011, 104, 473-477.	1.7	29
58	Fluorescence Detection of MMP-9. I. MMP-9 Selectively Cleaves Lys-Gly-Pro-Arg-Ser-Leu-Ser-Gly-Lys Peptide. Current Pharmaceutical Biotechnology, 2011, 12, 834-838.	0.9	27
59	Increased Levels of Nuclear Factor Î°B and Fos-Related Antigen 1 in Lung Tissues From Patients With Acute Respiratory Distress Syndrome. Archives of Pathology and Laboratory Medicine, 2011, 135, 647-654.	1.2	14
60	Enhanced Fluorescence of Curcumin on Plasmonic Platforms. Current Pharmaceutical Biotechnology, 2010, 11, 223-228.	0.9	5
61	Spectroscopic Properties of Curcumin: Orientation of Transition Moments. Journal of Physical Chemistry B, 2010, 114, 12679-12684.	1.2	44
62	Silver nanoparticle-enhanced fluorescence in microtransponder-based immuno- and DNAhybridization assays. Analytical and Bioanalytical Chemistry, 2010, 398, 1993-2001.	1.9	18
63	Photophysical properties of novel fluorescein derivative and its applications for time-resolved fluorescence spectroscopy. Chemical Physics Letters, 2010, 493, 399-403.	1.2	2
64	Ratiometric FRET-based detection of DNA and micro-RNA on the surface using TIRF detection. Journal of Luminescence, 2010, 130, 698-702.	1.5	8
65	Self-quenching of uranin: Instrument response function for color sensitive photo-detectors. Journal of Luminescence, 2010, 130, 2446-2451.	1.5	9
66	Photophysical properties of a new DyLight 594 dye. Journal of Photochemistry and Photobiology B: Biology, 2010, 98, 35-39.	1.7	12
67	Photoprotective role of the xanthophyll cycle studied by means of modeling of xanthophyllâ€“LHCII interactions. Chemical Physics, 2010, 373, 122-128.	0.9	19
68	Morphological changes of supported lipid bilayers induced by lysozyme: Planar domain formation vs. multilayer stacking. Colloids and Surfaces B: Biointerfaces, 2010, 80, 219-226.	2.5	8
69	Studies on solvatochromic properties of aminophenylstyryl-quinolinum dye, LDS 798, and its application in studying submicron lipid based structure. Biophysical Chemistry, 2010, 153, 61-69.	1.5	17
70	FÃ¶rster Resonance Energy Transfer Evidence for Lysozyme Oligomerization in Lipid Environment. Journal of Physical Chemistry B, 2010, 114, 16773-16782.	1.2	6
71	Molecular Fluorescence Enhancement on Fractal-Like Structures. Applied Spectroscopy, 2010, 64, 578-583.	1.2	12
72	Fluorescence Instrument Response Standards in Two-Photon Time-Resolved Spectroscopy. Applied Spectroscopy, 2010, 64, 918-922.	1.2	13

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73	Polarized fluorescent nanospheres. Optics Express, 2010, 18, 4289.	1.7	6
74	Anomalous behavior in length distributions of 3D random Brownian walks and measured photon count rates within observation volumes of single-molecule trajectories in fluorescence fluctuation microscopy. Optics Express, 2010, 18, 17883.	1.7	9
75	Blue-light-controlled photoprotection in plants at the level of the photosynthetic antenna complex LHCII. Journal of Plant Physiology, 2010, 167, 69-73.	1.6	32
76	Single molecule kinetics in the familial hypertrophic cardiomyopathy D166V mutant mouse heart. Journal of Molecular and Cellular Cardiology, 2010, 48, 989-998.	0.9	21
77	Effect of Temperature During Assembly on the Structure and Mechanical Properties of Peptide-Based Materials. Biomacromolecules, 2010, 11, 1502-1506.	2.6	26
78	Anti-Chemokine Autoantibody:Chemokine Immune Complexes Activate Endothelial Cells via IgG Receptors. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 155-169.	1.4	17
79	Molecular organization of antifungal antibiotic amphotericin B in lipid monolayers studied by means of Fluorescence Lifetime Imaging Microscopy. Biophysical Chemistry, 2009, 143, 95-101.	1.5	24
80	Atrial natriuretic factor receptor guanylate cyclase signaling: new ATP-regulated transduction motif. Molecular and Cellular Biochemistry, 2009, 324, 39-53.	1.4	16
81	Phosphate Assisted Proton Transfer in Water and Sugar Glasses: A Study Using Fluorescence of Pyrene-1-carboxylate and IR Spectroscopy. Journal of Fluorescence, 2009, 19, 21-31.	1.3	5
82	Ratiometric FRET-based detection of DNA and micro-RNA in solution. Journal of Luminescence, 2009, 129, 1281-1285.	1.5	5
83	Depolarized light scattering from colloidal gold nanoparticles. Chemical Physics Letters, 2009, 468, 69-74.	1.2	24
84	Evaluation of instrument response functions for lifetime imaging detectors using quenched Rose Bengal solutions. Chemical Physics Letters, 2009, 471, 153-159.	1.2	30
85	Enhanced fluorescence emission of Me-ADOTA+ by self-assembled silver nanoparticles on a gold film. Chemical Physics Letters, 2009, 476, 46-50.	1.2	47
86	Near-infrared squaraine dyes for fluorescence enhanced surface assay. Dyes and Pigments, 2009, 80, 41-46.	2.0	20
87	A molecular dynamics model of the Bt toxin Cyt1A and its validation by resonance energy transfer. Biophysical Chemistry, 2009, 144, 53-61.	1.5	2
88	Steady-state and time-resolved fluorescence studies of stripped Borage oil. Analytica Chimica Acta, 2009, 646, 85-89.	2.6	12
89	Nanostructured Silver-Based Surfaces: New Emergent Methodologies for an Easy Detection of Analytes. ACS Applied Materials & Interfaces, 2009, 1, 2909-2916.	4.0	33
90	Collisional Quenching of Erythrosine B as a Potential Reference Dye for Impulse Response Function Evaluation. Applied Spectroscopy, 2009, 63, 363-368.	1.2	26

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91	Surface-Enhanced Fluorescence on Silver Fractal-Like Structures. An Experiment for Analytical or Physical Chemistry. Journal of Chemical Education, 2009, 86, 715.	1.1	2
92	Supramolecular Organization of the Main Photosynthetic Antenna Complex LHCII: A Monomolecular Layer Study. Langmuir, 2009, 25, 9384-9391.	1.6	25
93	The Fluorescence Lifetime of a Single Actin-bound Fluorophore During Contraction of Skeletal Muscle. Biophysical Journal, 2009, 96, 615a.	0.2	0
94	Binding of 8-anilino-1-naphthalenesulfonate to lecithin:cholesterol acyltransferase studied by fluorescence techniques. Journal of Photochemistry and Photobiology B: Biology, 2008, 92, 19-23.	1.7	11
95	Fluorescence anisotropy decay in the presence of multistep energy migration and back transfer in disordered two-component systems. Chemical Physics Letters, 2008, 452, 105-109.	1.2	10
96	Fluorescence quenching/enhancement surface assays: Signal manipulation using silver-coated gold nanoparticles. Chemical Physics Letters, 2008, 454, 85-90.	1.2	33
97	Fluorescence intensity decays of 2-aminopurine solutions: Lifetime distribution approach. Analytical Biochemistry, 2008, 377, 141-149.	1.1	28
98	Enhanced Fluorescent Immunoassays on Silver Fractal-like Structures. Analytical Chemistry, 2008, 80, 1962-1966.	3.2	60
99	Single Molecule Studies of Multiple-Fluorophore Labeled Antibodies. Effect of Homo-FRET on the Number of Photons Available Before Photobleaching. Current Pharmaceutical Biotechnology, 2008, 9, 411-420.	0.9	55
100	Fluorescence Amplification by Electrochemically Deposited Silver Nanowires with Fractal Architecture. Journal of the American Chemical Society, 2007, 129, 12117-12122.	6.6	72
101	Fluorescence Lifetime Standards for Time and Frequency Domain Fluorescence Spectroscopy. Analytical Chemistry, 2007, 79, 2137-2149.	3.2	397
102	Interference of surface plasmon resonances causes enhanced depolarized light scattering from metal nanoparticles. Chemical Physics Letters, 2007, 434, 326-330.	1.2	36
103	Flavin mononucleotide fluorescence intensity decay in concentrated aqueous solutions. Chemical Physics Letters, 2007, 439, 151-156.	1.2	36
104	Long wavelength depolarized light scattering from silver nanoparticles. Chemical Physics Letters, 2007, 443, 1-5.	1.2	13
105	Metal particle-enhanced fluorescent immunoassays on metal mirrors. Analytical Biochemistry, 2007, 363, 239-245.	1.1	82
106	Coupled plasmon effects for the enhancement of fluorescent immunoassays. Physica B: Condensed Matter, 2007, 394, 297-300.	1.3	21
107	FÃ¶rster energy transfer from nonexponentially decaying donors. Journal of Photochemistry and Photobiology B: Biology, 2007, 87, 200-208.	1.7	5
108	Increased Intensities of YOYO-1-labeled DNA Oligomers Near Silver ParticlesÂ¶. Photochemistry and Photobiology, 2007, 77, 604-607.	1.3	0

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109	Red blood cells do not attenuate the SPCE fluorescence in surface assays. Analytical and Bioanalytical Chemistry, 2007, 388, 1127-1135.	1.9	4
110	Orientation and spectral properties of two stilbazolium merocyanine dyes in stretched and unstretched polyvinyl alcohol films. Acta Biochimica Polonica, 2007, 54, 647-56.	0.3	1
111	Dye-Labeled Silver Nanoshellâ^'Bright Particle. Journal of Physical Chemistry B, 2006, 110, 8986-8991.	1.2	63
112	Protonation of Excited State Pyrene-1-Carboxylate by Phosphate and Organic Acids in Aqueous Solution Studied by Fluorescence Spectroscopy. Biophysical Journal, 2006, 91, 3864-3871.	0.2	26
113	Depolarized light scattering from silver nanoparticles. Chemical Physics Letters, 2006, 421, 189-192.	1.2	43
114	Waveguide-modulated surface plasmon-coupled emission of Nile blue in poly(vinyl alcohol) thin films. Thin Solid Films, 2006, 510, 15-20.	0.8	41
115	Directional two-photon induced surface plasmon-coupled emission. Thin Solid Films, 2005, 491, 173-176.	0.8	26
116	Directional surface plasmon-coupled emission: Application for an immunoassay in whole blood. Analytical Biochemistry, 2005, 344, 161-167.	1.1	68
117	Metal-enhanced fluorescence: an emerging tool in biotechnology. Current Opinion in Biotechnology, 2005, 16, 55-62.	3.3	702
118	Directional Surface Plasmon-Coupled Emission from a 3 nm Green Fluorescent Protein Monolayer. Biotechnology Progress, 2005, 21, 1731-1735.	1.3	29
119	Plastic Versus Glass Support for an Immunoassay on Metal-Coated Surfaces in Optically Dense Samples Utilizing Directional Surface Plasmon-Coupled Emission. Journal of Fluorescence, 2005, 15, 865-871.	1.3	10
120	First Observation of Surface Plasmon-Coupled Emission Due to LED Excitation. Journal of Fluorescence, 2005, 15, 895-900.	1.3	17
121	Plasmonic Technology: Novel Approach to Ultrasensitive Immunoassays. Clinical Chemistry, 2005, 51, 1914-1922.	1.5	30
122	Metal-Enhanced Fluoroimmunoassay on a Silver Film by Vapor Deposition. Journal of Physical Chemistry B, 2005, 109, 7969-7975.	1.2	96
123	Surface-Plasmon-Coupled Emission of Quantum Dots. Journal of Physical Chemistry B, 2005, 109, 1088-1093.	1.2	98
124	Conformations of the Signal Recognition Particle Protein Ffh from Escherichia coli as Determined by FRET. Journal of Molecular Biology, 2005, 351, 417-430.	2.0	30
125	Two-photon induced fluorescence of Cy5-DNA in buffer solution and on silver island films. Biochemical and Biophysical Research Communications, 2005, 328, 78-84.	1.0	26
126	Surface-Enhanced Fluorescence of Fluorescein-Labeled Oligonucleotides Capped on Silver Nanoparticles. Journal of Physical Chemistry B, 2005, 109, 7643-7648.	1.2	137

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127	Surface-Plasmonâ€“Coupled Emission: New Technology for Studying Molecular Processes. Methods in Cell Biology, 2004, 75, 73-104.	0.5	8
128	Surface Plasmonâ€“coupled Polarized Emission of N-Acetyl-l-TryptophanamideÂ¶. Photochemistry and Photobiology, 2004, 80, 482.	1.3	15
129	Surface plasmon-coupled directional fluorescence emission. , 2004, 5327, 37-44.		2
130	Immunoassays based on directional surface plasmon-coupled emission. Journal of Immunological Methods, 2004, 286, 133-140.	0.6	38
131	Directional Surface Plasmon Coupled Emission. Journal of Fluorescence, 2004, 14, 119-123.	1.3	44
132	Fluorescence Enhancements on Silver Colloid Coated Surfaces. Journal of Fluorescence, 2004, 14, 417-423.	1.3	54
133	Advances in Surface-Enhanced Fluorescence. Journal of Fluorescence, 2004, 14, 425-441.	1.3	293
134	Oligonucleotide-displaced organic monolayer-protected silver nanoparticles and enhanced luminescence of their salted aggregates. Analytical Biochemistry, 2004, 330, 81-86.	1.1	51
135	Radiative decay engineering 4. Experimental studies of surface plasmon-coupled directional emission. Analytical Biochemistry, 2004, 324, 170-182.	1.1	301
136	Metal-enhanced fluorescence immunoassays using total internal reflection and silver island-coated surfaces. Analytical Biochemistry, 2004, 334, 303-311.	1.1	119
137	Effects of Sample Thickness on the Optical Properties of Surface Plasmon-Coupled Emission. Journal of Physical Chemistry B, 2004, 108, 12073-12083.	1.2	132
138	Surface Plasmon-Coupled Ultraviolet Emission of 2,5-Diphenyl-1,3,4-oxadiazole. Journal of Physical Chemistry B, 2004, 108, 19114-19118.	1.2	39
139	Ultraviolet Surface Plasmon-Coupled Emission Using Thin Aluminum Films. Analytical Chemistry, 2004, 76, 4076-4081.	3.2	92
140	Myoglobin Immunoassay Utilizing Directional Surface Plasmon-Coupled Emission. Analytical Chemistry, 2004, 76, 6287-6292.	3.2	65
141	Surface Plasmon-Coupled Emission with Gold Films. Journal of Physical Chemistry B, 2004, 108, 12568-12574.	1.2	155
142	Multi-wavelength immunoassays using surface plasmon-coupled emission. Biochemical and Biophysical Research Communications, 2004, 313, 721-726.	1.0	70
143	Surface Plasmonâ€“coupled Polarized Emission of N-Acetyl-l-TryptophanamideÂ¶. Photochemistry and Photobiology, 2004, 80, 482.	1.3	1
144	Fluorescence polarization studies of B-phycoerythrin oriented in polymer film. Photochemistry and Photobiology, 2004, 79, 11-20.	1.3	1

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145	Silver Fractal-like Structures for Metal-Enhanced Fluorescence: Enhanced Fluorescence Intensities and Increased Probe Photostabilities. Journal of Fluorescence, 2003, 13, 267-276.	1.3	76
146	Effects of Metallic Silver Particles on Resonance Energy Transfer Between Fluorophores Bound to DNA. Journal of Fluorescence, 2003, 13, 69-77.	1.3	52
147	Fractal Silver Structures for Metal-Enhanced Fluorescence: Applications for Ultra-Bright Surface Assays and Lab-on-a-Chip-Based Nanotechnologies. Journal of Fluorescence, 2003, 13, 119-122.	1.3	14
148	Luminescent Blinking from Silver Nanostructures. Journal of Physical Chemistry B, 2003, 107, 9989-9993.	1.2	105
149	Luminescent blinking of gold nanoparticles. Chemical Physics Letters, 2003, 380, 269-272.	1.2	80
150	Effects of fluorophore-to-silver distance on the emission of cyanineâ€“dye-labeled oligonucleotides. Analytical Biochemistry, 2003, 315, 57-66.	1.1	203
151	Increased resonance energy transfer between fluorophores bound to DNA in proximity to metallic silver particles. Analytical Biochemistry, 2003, 315, 160-169.	1.1	77
152	Fluorescence spectral properties of cyanine dye-labeled DNA oligomers on surfaces coated with silver particles. Analytical Biochemistry, 2003, 317, 136-146.	1.1	64
153	Release of the self-quenching of fluorescence near silver metallic surfaces. Analytical Biochemistry, 2003, 320, 13-20.	1.1	193
154	Effects of metallic silver particles on the emission properties of [Ru(bpy)3]2+. Chemical Physics Letters, 2003, 372, 409-414.	1.2	44
155	Enhanced Fluorescence from Fluorophores on Fractal Silver Surfaces. Journal of Physical Chemistry B, 2003, 107, 8829-8833.	1.2	178
156	DNA Hybridization Using Surface Plasmon-Coupled Emission. Analytical Chemistry, 2003, 75, 6629-6633.	3.2	65
157	Metallic Colloid Wavelength-Ratiometric Scattering Sensors. Analytical Chemistry, 2003, 75, 3440-3445.	3.2	78
158	Enhanced Emission of Highly Labeled DNA Oligomers near Silver Metallic Surfaces. Analytical Chemistry, 2003, 75, 4408-4414.	3.2	57
159	Metal-Enhanced Fluorescence (MEF) Due to Silver Colloids on a Planar Surface:Â Potential Applications of Indocyanine Green to in Vivo Imagingâ€. Journal of Physical Chemistry A, 2003, 107, 3443-3449.	1.1	272
160	DNA hybridization assays using metal-enhanced fluorescence. Biochemical and Biophysical Research Communications, 2003, 306, 213-218.	1.0	119
161	Directional surface plasmon-coupled emission: a new method for high sensitivity detection. Biochemical and Biophysical Research Communications, 2003, 307, 435-439.	1.0	144
162	Radiative decay engineering: the role of photonic mode density in biotechnology. Journal Physics D: Applied Physics, 2003, 36, R240-R249.	1.3	140

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163	Metal-enhanced emission from indocyanine green: a new approach to in vivo imaging. Journal of Biomedical Optics, 2003, 8, 472.	1.4	126
164	[2] Fluorescence-sensing methods. Methods in Enzymology, 2003, 360, 44-75.	0.4	45
165	Increased Intensities of YOYO-1â€“labeled DNA Oligomers Near Silver ParticlesÂ¶. Photochemistry and Photobiology, 2003, 77, 604.	1.3	18
166	Silver Particles Enhance Emission of Fluorescent DNA Oligomers. BioTechniques, 2003, 34, 62-68.	0.8	34
167	Metal-Enhanced Fluorescence: Potential Applications in HTS. Combinatorial Chemistry and High Throughput Screening, 2003, 6, 109-117.	0.6	61
168	Multiphoton Excitation of Fluorescence near Metallic Particles:â€‰ Enhanced and Localized Excitation. Journal of Physical Chemistry B, 2002, 106, 2191-2195.	1.2	134
169	Emission Spectral Properties of Cadmium Sulfide Nanoparticles with Multiphoton Excitation. Journal of Physical Chemistry B, 2002, 106, 5365-5370.	1.2	55
170	Four-Photon Excitation of 2,2â€˜-Dimethyl-p-terphenyl. Journal of Physical Chemistry A, 2002, 106, 754-759.	1.1	10
171	Effects of metallic silver particles on resonance energy transfer in labeled bovine serum albumin. Biochemical and Biophysical Research Communications, 2002, 294, 886-892.	1.0	42
172	Lateral Diffusion Coefficients in Membranes Measured by Resonance Energy Transfer and a New Algorithm for Diffusion in Two Dimensions. Biophysical Journal, 2002, 82, 1358-1372.	0.2	40
173	Radiative Decay Engineering. Analytical Biochemistry, 2002, 301, 261-277.	1.1	642
174	Two-photon excitation of a phytofluor protein. Journal of Photochemistry and Photobiology A: Chemistry, 2002, 150, 13-19.	2.0	4
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