

Kadir Aslan

List of Publications by Year in descending order

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6771
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#	ARTICLE	IF	CITATIONS
1	Toward automated identification and quantification of meso-scale damage modes in plain weave glass/epoxy composite laminates. International Journal of Damage Mechanics, 2020, 29, 831-848.	4.2	5
2	N-Benzoyl-S-(undecyl)-dithiocarbamate: Synthesis, characterization, X-ray single crystal structure, thermal behavior and computational studies. Journal of Molecular Structure, 2020, 1203, 127414.	3.6	4
3	Impact of Zero-Valent Iron Nanoparticles on <i>Fremyella diplosiphon</i> Transesterified Lipids and Fatty Acid Methyl Esters. ACS Omega, 2020, 5, 12166-12173.	3.5	9
4	Nanoparticle-Mediated Impact on Growth and Fatty Acid Methyl Ester Composition in the Cyanobacterium Fremyella diplosiphon. Bioenergy Research, 2019, 12, 409-418.	3.9	11
5	Metal-Assisted and Microwave-Accelerated Decrystallization of Pseudo-Tophus in Synthetic Human Joint Models. ACS Omega, 2019, 4, 4417-4428.	3.5	2
6	Assessment and quantification of ballistic impact damage of a single-layer woven fabric composite. International Journal of Damage Mechanics, 2019, 28, 249-269.	4.2	15
7	Rapid Sensing of Biological and Environmental Analytes Using Microwave-Accelerated Bioassays and a MATLAB Application. Nano Biomedicine and Engineering, 2019, 11, 111-123.	0.9	2
8	Ballistic Impact Experiments and Quantitative Assessments of Mesoscale Damage Modes in a Single-Layer Woven Composite. Conference Proceedings of the Society for Experimental Mechanics, 2019, , 9-17.	0.5	1
9	Individually grown cobalt nanowires as magnetic force microscopy probes. Applied Physics Letters, 2018, 112, 092401.	3.3	10
10	Mesoscale ballistic damage mechanisms of a single-layer woven glass/epoxy composite. International Journal of Impact Engineering, 2018, 113, 118-131.	5.0	29
11	Effect of Microwave Heating on the Crystallization of Glutathione Tripeptide on Silver Nanoparticle Films. Journal of Physical Chemistry C, 2017, 121, 5585-5593.	3.1	0
12	Metal oxide surfaces for enhanced colorimetric response in bioassays. Colloids and Surfaces B: Biointerfaces, 2017, 154, 331-340.	5.0	1
13	Microwave Heating of Crystals with Gold Nanoparticles and Synovial Fluid under Synthetic Skin Patches. ACS Omega, 2017, 2, 5992-6002.	3.5	7
14	Synthesis and use of dioxime ligands for treatment of leukemia and colon cancer cells. Applied Organometallic Chemistry, 2017, 31, e3752.	3.5	9
15	Ultra-Rapid Crystallization of L-Alanine Using Monomode Microwaves, Indium Tin Oxide and Metal-Assisted and Microwave-Accelerated Evaporative Crystallization. Nano Biomedicine and Engineering, 2017, 9, 112-123.	0.9	2
16	Metal-Assisted and Microwave-Accelerated Decrystallization: An Alternative Approach to Potential Treatment of Crystal Deposition Diseases. , 2017, 1, .		1
17	Erkek HemÅŸin Koyununda Glandula Ä°nterdigitalisâ€™in Morfolojik ve Morfometrik YapÄ±sÄ± ile Arterial Vaskularizasyonu. Kafkas Universitesi Veteriner Fakultesi Dergisi, 2017, , .	0.1	0
18	The macroanatomy of the brachial plexus and its nerves in the common buzzard (Buteo buteo). Veterinarski Arhiv, 2017, 87, 759-768.	0.3	1

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19	Decrystallization of Crystals Using Gold “Nano-Bullets” and the Metal-Assisted and Microwave-Accelerated Decrystallization Technique. <i>Molecules</i> , 2016, 21, 1388.	3.8	3
20	A Highly Selective Sensor for Cyanide in Organic Media and on Solid Surfaces. <i>Sensors</i> , 2016, 16, 271.	3.8	19
21	Metal-assisted and microwave-accelerated evaporative crystallization: an approach to rapid crystallization of biomolecules. <i>CrystEngComm</i> , 2016, 18, 5600-5610.	2.6	4
22	Microwave Heating of Synthetic Skin Samples for Potential Treatment of Gout Using the Metal-Assisted and Microwave-Accelerated Decrystallization Technique. <i>ACS Omega</i> , 2016, 1, 744-754.	3.5	5
23	Synthesis, characterization, and evaluation of (E)-methyl 2-((2-oxonaphthalen-1(2H)-ylideneamino)methyl)phenol as an anion sensor and a DNA-binding agent. <i>Tetrahedron Letters</i> , 2016, 57, 537-542.	3.0	8
24	Effect of Additives on the Crystal Morphology of Amino Acids: A Theoretical and Experimental Study. <i>Journal of Physical Chemistry C</i> , 2016, 120, 14749-14757.	3.1	17
25	High-Throughput Crystallization of L-Alanine Using iCrystal Plates and Metal-Assisted and Microwave-Accelerated Evaporative Crystallization. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 2438-2446.	3.7	5
26	Characterization and use of (E)-2-[(6-methoxybenzo[d]thiazol-2-ylideneamino)methyl]phenol as an anion sensor and a DNA-binding agent. <i>Tetrahedron Letters</i> , 2016, 57, 537-542.	1.4	19
27	Microwave-accelerated bioassay technique for rapid and quantitative detection of biological and environmental samples. <i>Biosensors and Bioelectronics</i> , 2016, 75, 420-426.	10.1	9
28	Crystallization of Lysozyme on Metal Surfaces Using a Monomode Microwave System. <i>Nano Biomedicine and Engineering</i> , 2016, 8, .	0.9	5
29	Synthesis, characterization, theoretical calculations, DNA binding and colorimetric anion sensing applications of 1-[(E)-[(6-methoxy-1,3-benzothiazol-2-ylideneamino)methyl]naphthalen-2-yl]ethan-1-one. <i>Sensors and Actuators B: Chemical</i> , 2015, 215, 52-61.	7.8	26
30	Metal-Assisted and Microwave-Accelerated Evaporative Crystallization: Proof-of-Principle Application to Proteins. <i>Crystal Growth and Design</i> , 2015, 15, 3212-3219.	3.0	11
31	Enhancement of the colorimetric response of enzymatic reactions by thermally evaporated plasmonic thin films: application to glial fibrillary acidic protein. <i>Analytical Methods</i> , 2015, 7, 1175-1185.	2.7	7
32	Metal-Enhanced Fluorescence from Silver Nanowires with High Aspect Ratio on Glass Slides for Biosensing Applications. <i>Journal of Physical Chemistry C</i> , 2015, 119, 675-684.	3.1	29
33	Enhancement of the Chemiluminescence Response of Enzymatic Reactions by Plasmonic Surfaces for Biosensing Applications. <i>Nano Biomedicine and Engineering</i> , 2015, 7, .	0.9	7
34	Metal-Assisted and Microwave-Accelerated Decrystallization. <i>Nano Biomedicine and Engineering</i> , 2015, 7, .	0.9	4
35	Malakan Atlar’ında (Equus Caballus) –n ve Arka Baca’ın Distal’indeki Kaslar’ın Yap’sal ve Fonksiyonel Özellikleri. <i>Kafkas Üniversitesi Veteriner Fakültesi Dergisi</i> , 2015, , .	0.1	0
36	Enhancement of the Chemiluminescence Response of Enzymatic Reactions by Plasmonic Surfaces for Biosensing Applications. <i>Nano Biomedicine and Engineering</i> , 2015, 7, 92-101.	0.9	3

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37	Morphological and morphometrical characteristics of the interdigital gland in Kivircik sheep. Turkish Journal of Veterinary and Animal Sciences, 2014, 38, 485-489.	0.5	4
38	Simental Bir Buzağda Gözlenen Çoklu Konjenital Anomaliler. Kafkas Üniversitesi Veteriner Fakültesi Dergisi, 2014, , .	0.1	2
39	Zavot Irk Sığırlarda Koroner Arterler ve Kalp Kasları Kırılmaları. Kafkas Üniversitesi Veteriner Fakültesi Dergisi, 2014, , .	0.1	2
40	Immobilization of enzymes to silver island films for enhanced enzymatic activity. Journal of Colloid and Interface Science, 2014, 415, 133-142.	9.4	12
41	Enhancement of enzymatic colorimetric response by silver island films on high throughput screening microplates. Journal of Immunological Methods, 2014, 411, 43-49.	1.4	7
42	Crystal Engineering of L-Alanine with L-Leucine Additive using Metal-Assisted and Microwave-Accelerated Evaporative Crystallization. Crystal Growth and Design, 2014, 14, 2494-2501.	3.0	14
43	Rapid and Sensitive Detection of p53 Based on DNA-Protein Binding Interactions Using Silver Nanoparticle Films and Microwave Heating. Nano Biomedicine and Engineering, 2014, 6, 76-84.	0.9	7
44	De-crystallization of Uric Acid Crystals in Synovial Fluid Using Gold Colloids and Microwave Heating. Nano Biomedicine and Engineering, 2014, 6, 104-110.	0.9	11
45	Circular Bioassay Platforms for Applications in Microwave-Accelerated Techniques. Nano Biomedicine and Engineering, 2014, 6, 85-93.	0.9	5
46	Microwave-Accelerated Surface Modification of Plasmonic Gold Thin Films with Self-Assembled Monolayers of Alkanethiols. Langmuir, 2013, 29, 13209-13216.	3.5	11
47	The Statistical Analysis of Some Volumetric Measurements in the Japanese Quails' Head with Different Feather Color: A Computed Tomography Study. Kafkas Üniversitesi Veteriner Fakültesi Dergisi, 2013, , .	0.1	3
48	Design and Proof-of-Concept Use of A Circular PMMA Platform with 16-Well Sample Capacity for Microwave-Accelerated Bioassays. Nano Biomedicine and Engineering, 2013, 5, 10-19.	0.9	14
49	Crystallization of Amino Acids on a 21-Well Circular PMMA Platform Using Metal- Assisted and Microwave-Accelerated Evaporative Crystallization. Nano Biomedicine and Engineering, 2013, 5, .	0.9	3
50	Crystallization of Amino Acids on a 21-well Circular PMMA Platform using Metal-Assisted and Microwave-Accelerated Evaporative Crystallization. Nano Biomedicine and Engineering, 2013, 5, 140-147.	0.9	3
51	Rapid and Selective Crystallization of Acetaminophen Using Metal-Assisted and Microwave-Accelerated Evaporative Crystallization. Nano Biomedicine and Engineering, 2012, 4, 35-40.	0.9	21
52	Plasmon-Enhanced Enzymatic Reactions 2:Optimization of Enzyme Activity by Surface Modification of Silver Island Films with Biotin-Poly (Ethylene-glycol)-Amine. Nano Biomedicine and Engineering, 2012, 4, 23-28.	0.9	11
53	Rapid crystallization of glycine using metal-assisted and microwave-accelerated evaporative crystallization: the effect of engineered surfaces and sample volume. Nano Biomedicine and Engineering, 2012, 4, 125-131.	0.9	9
54	Crystallization of L-alanine in the presence of additives on a circular PMMA platform designed for metal-assisted and microwave-accelerated evaporative crystallization. CrystEngComm, 2012, 14, 8424.	2.6	15

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55	Rapid crystallization of l-arginine acetate on engineered surfaces using metal-assisted and microwave-accelerated evaporative crystallization. CrystEngComm, 2012, 14, 4557.	2.6	17
56	Rapid Crystallization of L-Alanine on Engineered Surfaces by Use of Metal-Assisted and Microwave-Accelerated Evaporative Crystallization. Crystal Growth and Design, 2012, 12, 346-353.	3.0	18
57	Surface modification of plasmonic nanostructured materials with thiolated oligonucleotides in 10 seconds using selective microwave heating. Annalen Der Physik, 2012, 524, 741-750.	2.4	5
58	What is Leisure for Turkish Parents?. Procedia, Social and Behavioral Sciences, 2012, 55, 390-398.	0.5	3
59	Metal-Assisted and Microwave-Accelerated Evaporative Crystallization: Application to L-Alanine. Crystal Growth and Design, 2011, 11, 4300-4304.	3.0	24
60	Rapid and Sensitive Detection of Troponin I in Human Whole Blood Samples by Using Silver Nanoparticle Films and Microwave Heating. Clinical Chemistry, 2011, 57, 746-752.	3.2	37
61	A morphometric study on dog cerebellum. Neurological Research, 2011, 33, 220-224.	1.3	10
62	Rapid and Sensitive Detection of Troponin I-T-C Complex from Human Serum using Microwave-Accelerated Metal-Enhanced Fluorescence. Nano Biomedicine and Engineering, 2011, 3, 179-183.	0.9	5
63	Plasmon-Enhanced Enzymatic Reactions: A Study of Nanoparticle-Enzyme Distance and Nanoparticle Loading-Dependent Enzymatic Activity. Nano Biomedicine and Engineering, 2011, 3, 184-191.	0.9	18
64	Ultrafast and sensitive bioassay using split ring resonator structures and microwave heating. Applied Physics Letters, 2010, 97, .	3.3	18
65	Metal-Assisted and Microwave-Accelerated Evaporative Crystallization. Crystal Growth and Design, 2010, 10, 4706-4709.	3.0	30
66	Rapid Whole Blood Bioassays Using Microwave-Accelerated Metal-Enhanced Fluorescence. Nano Biomedicine and Engineering, 2010, 2, 1-9.	0.9	23
67	Rapid and Sensitive Colorimetric ELISA Using Silver Nanoparticles, Microwaves and Split Ring Resonator Structures. Nano Biomedicine and Engineering, 2010, 2, 155-164.	0.9	12
68	Quantitative Comparison of Protein Surface Coverage on Glass Slides and Silver Island Films in Metal-Enhanced Fluorescence-based Biosensing Applications. Nano Biomedicine and Engineering, 2010, 2, 165-170.	0.9	8
69	Fixed-angle observation of surface plasmon coupled chemiluminescence from palladium thin films. Applied Physics Letters, 2009, 95, 123117.	3.3	5
70	Surface plasmon coupled chemiluminescence from zinc substrates: Directional chemiluminescence. Applied Physics Letters, 2009, 94, 073104.	3.3	12
71	Voltage-Gated Metal-Enhanced Fluorescence. Journal of Fluorescence, 2009, 19, 363-367.	2.5	3
72	Wavelength-Ratiometric Plasmon Light Scattering-Based Immunoassays. Plasmonics, 2009, 4, 267-272.	3.4	13

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73	Directional surface plasmon coupled chemiluminescence from nickel thin films: Fixed angle observation. Chemical Physics Letters, 2009, 473, 120-125.	2.6	5
74	Surface Plasmon Coupled Fluorescence in the Visible to Near-Infrared Spectral Regions using Thin Nickel Films: Application to Whole Blood Assays. Analytical Chemistry, 2009, 81, 3801-3808.	6.5	23
75	Directional, Broad, and Fixed Angle Surface Plasmon Coupled Fluorescence from Iron Thin Films. Journal of Physical Chemistry C, 2009, 113, 20535-20538.	3.1	6
76	Sonication-Assisted Metal-Enhanced Fluorescence-Based Bioassays. Analytical Chemistry, 2009, 81, 4713-4719.	6.5	14
77	Metal-enhanced chemiluminescence: advanced chemiluminescence concepts for the 21st century. Chemical Society Reviews, 2009, 38, 2556.	38.1	131
78	Metal-Enhanced Fluorescence (MEF). Biophysical Journal, 2009, 96, 45a.	0.5	0
79	Rapid Detection of Troponin I from Serum using Microwave-Accelerated Metal-Enhanced Fluorescence. Biophysical Journal, 2009, 96, 46a.	0.5	0
80	Directional Surface Plasmon Coupled Luminescence for Analytical Sensing Applications: Which Metal, What Wavelength, What Observation Angle?. Analytical Chemistry, 2009, 81, 6913-6922.	6.5	58
81	Surface plasmon coupled chemiluminescence from iron thin films: Directional and approaching fixed angle observation. Journal of Applied Physics, 2009, 106, 014313.	2.5	9
82	Use of surface plasmon-coupled emission for enhancing light transmission through Top-Emitting Organic Light Emitting Diodes. Thin Solid Films, 2008, 516, 1977-1983.	1.8	10
83	A Review of an Ultrafast and Sensitive Bioassay Platform Technology: Microwave-accelerated Metal-enhanced Fluorescence. Plasmonics, 2008, 3, 89-101.	3.4	37
84	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.	3.7	27
85	Angular-dependent metal-enhanced fluorescence from silver island films. Chemical Physics Letters, 2008, 453, 222-228.	2.6	38
86	Metal-enhanced excimer (P-type) fluorescence. Chemical Physics Letters, 2008, 458, 147-151.	2.6	17
87	Silver island nanodeposits to enhance surface plasmon coupled fluorescence from copper thin films. Chemical Physics Letters, 2008, 464, 216-219.	2.6	20
88	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.	1.4	24
89	Extraction and Detection of DNA from <i>Bacillus anthracis</i> Spores and the Vegetative Cells within 1 min. Analytical Chemistry, 2008, 80, 4125-4132.	6.5	50
90	Metal-Enhanced Fluorescence from Chromium Nanodeposits. Journal of Physical Chemistry C, 2008, 112, 17969-17973.	3.1	41

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91	Surface Plasmon Coupled Fluorescence in the Ultraviolet and Visible Spectral Regions Using Zinc Thin Films. <i>Analytical Chemistry</i> , 2008, 80, 7304-7312.	6.5	49
92	Metal-Enhanced Fluorescence from Nanoparticulate Zinc Films. <i>Journal of Physical Chemistry C</i> , 2008, 112, 18368-18375.	3.1	78
93	New tools for rapid clinical and bioagent diagnostics: microwaves and plasmonic nanostructures. <i>Analyst, The</i> , 2008, 133, 1469.	3.5	23
94	Plasmonic engineering of singlet oxygen generation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1798-1802.	7.1	171
95	Metal-enhanced e-type fluorescence. <i>Applied Physics Letters</i> , 2008, 92, 013905.	3.3	22
96	Conversion of just-continuous metallic films to large particulate substrates for metal-enhanced fluorescence. <i>Journal of Applied Physics</i> , 2008, 103, 084307.	2.5	42
97	Metal-enhanced superoxide generation: A consequence of plasmon-enhanced triplet yields. <i>Applied Physics Letters</i> , 2007, 91, 023114.	3.3	15
98	Microwave-accelerated plasmonics: application to ultrafast and ultrasensitive clinical assays. , 2007, , .		2
99	Computational study of fluorescence scattering by silver nanoparticles. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2007, 24, 2259.	2.1	47
100	Metal-enhanced fluorescence: Surface plasmons can radiate a fluorophore's structured emission. <i>Applied Physics Letters</i> , 2007, 90, 053107.	3.3	68
101	Metal-enhanced fluorescence from copper substrates. <i>Applied Physics Letters</i> , 2007, 90, 173116.	3.3	90
102	Surface plasmon coupled fluorescence from copper substrates. <i>Applied Physics Letters</i> , 2007, 91, 151902.	3.3	21
103	Microwave-accelerated metal-enhanced fluorescence: application to detection of genomic and exosporium anthrax DNA in <30 seconds. <i>Analyst, The</i> , 2007, 132, 1130.	3.5	43
104	Microwave-accelerated metal-enhanced fluorescence: an ultra-fast and sensitive DNA sensing platform. <i>Analyst, The</i> , 2007, 132, 1122.	3.5	32
105	Angular-dependent metal-enhanced fluorescence from silver colloid-deposited films: opportunity for angular-ratiometric surface assays. <i>Analyst, The</i> , 2007, 132, 1112.	3.5	23
106	Spatial and Temporal Control of Microwave Triggered Chemiluminescence: A Protein Detection Platform. <i>Analytical Chemistry</i> , 2007, 79, 7042-7052.	6.5	26
107	Metal-Enhanced Surface Plasmon-Coupled Phosphorescence. <i>Journal of Physical Chemistry C</i> , 2007, 111, 6051-6059.	3.1	36
108	Microwave-Accelerated Ultrafast Nanoparticle Aggregation Assays Using Gold Colloids. <i>Analytical Chemistry</i> , 2007, 79, 2131-2136.	6.5	28

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109	Metal-Enhanced Fluorescence of Phycobiliproteins from Heterogeneous Plasmonic Nanostructures. Journal of Physical Chemistry C, 2007, 111, 18856-18863.	3.1	47
110	Fluorescent Core-Shell Ag@SiO ₂ Nanocomposites for Metal-Enhanced Fluorescence and Single Nanoparticle Sensing Platforms. Journal of the American Chemical Society, 2007, 129, 1524-1525.	13.7	526
111	First observation of surface plasmon-coupled chemiluminescence (SPCC). Chemical Physics Letters, 2007, 435, 114-118.	2.6	32
112	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.	1.4	39
113	Metal Enhanced Fluorescence Solution-based Sensing Platform 2: Fluorescent Core-Shell Ag@SiO ₂ Nanoballs. Journal of Fluorescence, 2007, 17, 127-131.	2.5	80
114	Metal-enhanced Singlet Oxygen Generation: A Consequence of Plasmon Enhanced Triplet Yields. Journal of Fluorescence, 2007, 17, 345-349.	2.5	107
115	Low Temperature Metal-Enhanced Fluorescence. Journal of Fluorescence, 2007, 17, 627-631.	2.5	15
116	Real-time Thermal Imaging of Microwave Accelerated Metal-Enhanced Fluorescence (MAMEF) Based Assays on Sapphire Plates. Journal of Fluorescence, 2007, 17, 639-642.	2.5	8
117	Plasmonic DNA Technology. Plasmonics, 2007, 2, 163-163.	3.4	1
118	Metal-enhanced chemiluminescence: Radiating plasmons generated from chemically induced electronic excited states. Applied Physics Letters, 2006, 88, 173104.	3.3	66
119	Metal-Enhanced Phosphorescence: Interpretation in Terms of Triplet-Coupled Radiating Plasmons. Journal of Physical Chemistry B, 2006, 110, 25108-25114.	2.6	89
120	Multicolor Directional Surface Plasmon-Coupled Chemiluminescence. Journal of Physical Chemistry B, 2006, 110, 22644-22651.	2.6	21
121	Metal-Enhanced Fluorescence-Based RNA Sensing. Journal of the American Chemical Society, 2006, 128, 4206-4207.	13.7	168
122	Metal-enhanced fluorescence from silver nanoparticle-deposited polycarbonate substrates. Journal of Materials Chemistry, 2006, 16, 2846.	6.7	95
123	Microwave Triggered Metal Enhanced Chemiluminescence: Quantitative Protein Determination. Analytical Chemistry, 2006, 78, 8020-8027.	6.5	44
124	Multicolor Microwave-Triggered Metal-Enhanced Chemiluminescence. Journal of the American Chemical Society, 2006, 128, 13372-13373.	13.7	44
125	Fast and sensitive DNA hybridization assays using microwave-accelerated metal-enhanced fluorescence. Biochemical and Biophysical Research Communications, 2006, 348, 612-617.	2.1	40
126	Metal-enhanced phosphorescence (MEP). Chemical Physics Letters, 2006, 427, 432-437.	2.6	57

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127	Surface plasmon coupled phosphorescence (SPCP). Chemical Physics Letters, 2006, 432, 610-615.	2.6	18
128	Metal-enhanced S2 fluorescence from azulene. Chemical Physics Letters, 2006, 432, 528-532.	2.6	23
129	Microwave-Accelerated Metal-Enhanced Fluorescence (MAMEF): Application to Ultra Fast and Sensitive Clinical Assays. Journal of Fluorescence, 2006, 16, 3-8.	2.5	44
130	Metal-Enhanced Chemiluminescence. Journal of Fluorescence, 2006, 16, 295-299.	2.5	52
131	Microwave-Triggered Metal-Enhanced Chemiluminescence (MT-MEC): Application to Ultra-fast and Ultra-sensitive Clinical Assays. Journal of Fluorescence, 2006, 16, 641-647.	2.5	11
132	Metal-Enhanced Fluorescence from Gold Surfaces: Angular Dependent Emission. Journal of Fluorescence, 2006, 17, 7-13.	2.5	89
133	Microwave-Accelerated and Metal-Enhanced Fluorescence Myoglobin Detection on Silvered Surfaces: Potential Application to Myocardial Infarction Diagnosis. Plasmonics, 2006, 1, 53-59.	3.4	37
134	Nonradiative Interactions between Biotin-Functionalized Gold Nanoparticles and Fluorophore-Labeled Antibiotin. Plasmonics, 2006, 1, 111-119.	3.4	19
135	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.	1.4	55
136	Plasmonic Glucose Sensing. , 2006, , 259-282.		4
137	Plasmon-controlled fluorescence: a new detection technology. , 2006, 6099, 609909.		24
138	Metal-Enhanced Fluorescence: Application to High-Throughput Screening and Drug Discovery. , 2005, , 603-666.		5
139	Metal-Enhanced Fluorescence Sensing. , 2005, , 121-181.		1
140	Plasmon light scattering in biology and medicine: new sensing approaches, visions and perspectives. Current Opinion in Chemical Biology, 2005, 9, 538-544.	6.1	279
141	Metal-enhanced fluorescence: an emerging tool in biotechnology. Current Opinion in Biotechnology, 2005, 16, 55-62.	6.6	702
142	Rapid Deposition of Triangular Silver Nanoplates on Planar Surfaces: Application to Metal-Enhanced Fluorescence. Journal of Physical Chemistry B, 2005, 109, 6247-6251.	2.6	202
143	Metal-enhanced fluorescence using anisotropic silver nanostructures: critical progress to date. Analytical and Bioanalytical Chemistry, 2005, 382, 926-933.	3.7	155
144	Enhanced Ratiometric pH Sensing Using SNAFL-2 on Silver Island Films: Metal-enhanced Fluorescence Sensing. Journal of Fluorescence, 2005, 15, 37-40.	2.5	61

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145	Metal-Enhanced Fluorescence from Plastic Substrates. Journal of Fluorescence, 2005, 15, 99-104.	2.5	54
146	Annealed Silver-Island Films for Applications in Metal-Enhanced Fluorescence: Interpretation in Terms of Radiating Plasmons. Journal of Fluorescence, 2005, 15, 643-654.	2.5	257
147	Angular-dependent polarization-based plasmon light scattering for bioaffinity sensing. Applied Physics Letters, 2005, 87, 234108.	3.3	16
148	Nanogold Plasmon Resonance-Based Glucose Sensing. 2. Wavelength-Ratiometric Resonance Light Scattering. Analytical Chemistry, 2005, 77, 2007-2014.	6.5	160
149	Angular-Ratiometric Plasmon-Resonance Based Light Scattering for Bioaffinity Sensing. Journal of the American Chemical Society, 2005, 127, 12115-12121.	13.7	81
150	Fast and Slow Deposition of Silver Nanorods on Planar Surfaces: Application to Metal-Enhanced Fluorescence. Journal of Physical Chemistry B, 2005, 109, 3157-3162.	2.6	209
151	Microwave-Accelerated Metal-Enhanced Fluorescence: A Platform Technology for Ultrafast and Ultrabright Assays. Analytical Chemistry, 2005, 77, 8057-8067.	6.5	119
152	Advances in surface-enhanced fluorescence. , 2004, , .		5
153	Metal-enhanced fluorescence: a novel approach to ultra-sensitive fluorescence sensing assay platforms. , 2004, 5321, 275-282.		3
154	Saccharide Sensing Using Gold and Silver Nanoparticles-A Review. Journal of Fluorescence, 2004, 14, 391-400.	2.5	126
155	Quenched Emission of Fluorescence by Ligand Functionalized Gold Nanoparticles. Journal of Fluorescence, 2004, 14, 401-405.	2.5	59
156	Advances in Surface-Enhanced Fluorescence. Journal of Fluorescence, 2004, 14, 425-441.	2.5	293
157	Editorial: Plasmonics. Journal of Fluorescence, 2004, 14, 329.	2.5	2
158	Metal-Enhanced Fluorescence Solution-Based Sensing Platform. Journal of Fluorescence, 2004, 14, 677-679.	2.5	122
159	Nanogold-plasmon-resonance-based glucose sensing. Analytical Biochemistry, 2004, 330, 145-155.	2.4	216
160	Tunable plasmonic glucose sensing based on the dissociation of Con A-aggregated dextran-coated gold colloids. Analytica Chimica Acta, 2004, 517, 139-144.	5.4	60
161	Controlled and Reversible Aggregation of Biotinylated Gold Nanoparticles with Streptavidin. Journal of Physical Chemistry B, 2004, 108, 15631-15639.	2.6	170
162	Noble-Metal Surfaces for Metal-Enhanced Fluorescence. , 2004, , 365-401.		15

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163	Plasmonic tunable glucose sensing based on the dissociation of Con A-aggregated dextran-coated gold colloids. , 2004, 5327, 106.		0
164	Luminescent blinking from silver, gold, and copper nanostructures: a new class of probes for imaging and localization. , 2004, , .		0
165	Enhanced chemical fluorescence-based sensing using metallic nano-composites. , 2004, 5318, 66.		1
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