

Fabrice Charra

List of Publications by Year in descending order

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155
papers

4,048
citations

109311

35
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133244

59
g-index

159
all docs

159
docs citations

159
times ranked

3776
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-induced second-harmonic generation in azo-dye polymers. <i>Optics Letters</i> , 1993, 18, 941.	3.3	199
2	Selective Excitation of Individual Plasmonic Hotspots at the Tips of Single Gold Nanostars. <i>Nano Letters</i> , 2011, 11, 402-407.	9.1	175
3	Single-Molecule Dynamics in a Self-Assembled 2D Molecular Sieve. <i>Nano Letters</i> , 2006, 6, 1360-1363.	9.1	166
4	Surface-Induced Chirality in a Self-Assembled Monolayer of Discotic Liquid Crystal. <i>Physical Review Letters</i> , 1998, 80, 1682-1685.	7.8	158
5	Quasi-permanent all-optical encoding of noncentrosymmetry in azo-dye polymers. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1997, 14, 1984.	2.1	152
6	Short Range Plasmon Resonators Probed by Photoemission Electron Microscopy. <i>Nano Letters</i> , 2008, 8, 935-940.	9.1	135
7	Synthetic Strategies to Derivatizable Triphenylamines Displaying High Two-Photon Absorption. <i>Journal of Organic Chemistry</i> , 2008, 73, 1732-1744.	3.2	129
8	Surface Noncovalent Bonding for Rational Design of Hierarchical Molecular Self-Assemblies. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7404-7407.	13.8	123
9	Vinyl-Pyridinium Triphenylamines: Novel Far-Red Emitters with High Photostability and Two-Photon Absorption Properties for Staining DNA. <i>ChemBioChem</i> , 2007, 8, 424-433.	2.6	113
10	Picosecond photoinduced dichroism in solutions of thiophene oligomers. <i>Chemical Physics Letters</i> , 1992, 192, 566-570.	2.6	96
11	?-Sexithiopene; A new photochromic material for a prototype ultrafast incoherent-to-coherent optical converter. <i>Advanced Materials</i> , 1994, 6, 64-67.	21.0	94
12	DNA Switches on the Two-Photon Efficiency of an Ultrabright Triphenylamine Fluorescent Probe Specific of AT Regions. <i>Journal of the American Chemical Society</i> , 2013, 135, 12697-12706.	13.7	91
13	Selectivity of Single-Molecule Dynamics in 2D Molecular Sieves. <i>Advanced Materials</i> , 2006, 18, 2954-2957.	21.0	83
14	Selective Excitation of Plasmon Resonances of Single Au Triangles by Polarization-Dependent Light Excitation. <i>Journal of Physical Chemistry C</i> , 2012, 116, 14591-14598.	3.1	82
15	Trinaphthylamines as Robust Organic Materials for Two-Photon-Induced Fluorescence. <i>Journal of the American Chemical Society</i> , 2008, 130, 16836-16837.	13.7	81
16	Picosecond light-induced noncentrosymmetry in a dye solution. <i>Physical Review Letters</i> , 1992, 68, 2440-2443.	7.8	80
17	Electron Transport Properties of Nanocrystals: Isolated, and "Supra"-Crystalline Phases. <i>Advanced Materials</i> , 2000, 12, 633-637.	21.0	78
18	Six-wave mixing probe of light-induced second-harmonic generation: example of dye solutions. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1994, 11, 2347.	2.1	77

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19	Light-induced second-harmonic generation in an octupolar dye. <i>Optics Letters</i> , 1995, 20, 2469.	3.3	77
20	Solution-growth kinetics and thermodynamics of nanoporous self-assembled molecular monolayers. <i>Journal of Chemical Physics</i> , 2011, 134, 124702.	3.0	75
21	Transient optically induced non-centrosymmetry in a solution of octupolar molecules. <i>Chemical Physics Letters</i> , 1994, 219, 349-354.	2.6	73
22	Coupled Plasmon Modes in an Ordered Hexagonal Monolayer of Metal Nanoparticles: A Direct Observation. <i>Physical Review Letters</i> , 2000, 84, 5840-5843.	7.8	67
23	Phase and frequency resolution of picosecond optical Kerr nonlinearities. <i>Optics Letters</i> , 1991, 16, 1987.	3.3	64
24	Efficient all-optical poling of an azo-dye copolymer using a low power laser. <i>Optics Communications</i> , 1996, 126, 103-107.	2.1	57
25	N-phenyl-carbazole-based two-photon fluorescent probes: Strong sequence dependence of the duplex vs quadruplex selectivity. <i>Biochimie</i> , 2011, 93, 1209-1218.	2.6	54
26	Oriented Gold Nanorods and Gold Nanorod Chains within Smectic Liquid Crystal Topological Defects. <i>ACS Nano</i> , 2017, 11, 6728-6738.	14.6	50
27	Structure and Epitaxial Registry on Graphite of a Series of Nanoporous Self-Assembled Molecular Monolayers. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 190-194.	4.6	46
28	Vinyl-triphenylamine dyes, a new family of switchable fluorescent probes for targeted two-photon cellular imaging: from DNA to protein labeling. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 6054.	2.8	46
29	Loss mechanisms of surface plasmon polaritons propagating on a smooth polycrystalline Cu surface. <i>Optics Express</i> , 2012, 20, 8974.	3.4	42
30	Experimental study of hot spots in gold/glass nanocomposite films by photoemission electron microscopy. <i>Physical Review B</i> , 2012, 85, .	3.2	41
31	Phase-coherent control of the molecular polar order in polymers using dual-frequency interferences between circularly polarized beams. <i>Physical Review A</i> , 1997, 56, 3888-3896.	2.5	39
32	All-optical induction of noncentrosymmetry in a transparent nonlinear polymer rod. <i>Optics Letters</i> , 1997, 22, 1846.	3.3	36
33	High-resolution mapping of plasmonic modes: photoemission and scanning tunnelling luminescence microscopies. <i>Journal Physics D: Applied Physics</i> , 2011, 44, 464002.	2.8	36
34	Charge transfer in triaryl pyrylium cations. Theoretical and experimental study. <i>Chemical Physics</i> , 1994, 182, 69-80.	1.9	35
35	Interband Electronic Excitation-Assisted Atomic-Scale Restructuring of Metal Surfaces by Nanosecond Pulsed Laser Light. <i>Science</i> , 1998, 279, 679-681.	12.6	35
36	Optical properties of metal nanoparticles as probed by photoemission electron microscopy. <i>Journal of Applied Physics</i> , 2007, 101, 083518.	2.5	35

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37	Periodic Positioning of Multilayered [2.2]Paracyclophane-Based Nanopillars. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8412-8415.	13.8	34
38	Inhomogeneous Photon Emission Properties of Self-Assembled Metallic Nanocrystals. <i>Advanced Materials</i> , 2000, 12, 1583-1587.	21.0	31
39	Time-autocorrelation in scanning-tunneling-microscope-induced photon emission from metallic surface. <i>Applied Physics Letters</i> , 2000, 77, 3648-3650.	3.3	30
40	Nondegenerate multiwave mixing in polydiacetylene: phase conjugation with frequency conversion. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1991, 8, 570.	2.1	27
41	Charge-transfer complexes of discogenic molecules : a time-resolved study based on Kerr ellipsometry. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1993, 89, 37.	1.7	27
42	Two-Photon Luminescence of Single Colloidal Gold Nanorods: Revealing the Origin of Plasmon Relaxation in Small Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2016, 120, 23136-23143.	3.1	26
43	Influence of molecular-substrate interaction on the self-assembly of discotic liquid crystals. <i>Surface Science</i> , 2004, 551, 213-218.	1.9	25
44	Picosecond photoinduced dichroism in sexithiophene thin films. <i>Chemical Physics Letters</i> , 1993, 215, 114-119.	2.6	24
45	Fluorescent Self-Assembled Molecular Monolayer on Graphene. <i>ACS Photonics</i> , 2016, 3, 2291-2296.	6.6	23
46	Determination of the two-photon absorption spectrum of a soluble polythiophene. <i>Chemical Physics Letters</i> , 1993, 201, 357-363.	2.6	22
47	Self-Templating Polythiophene Derivatives: Electronic Decoupling of Conjugated Strands through Staggered Packing. <i>Langmuir</i> , 2011, 27, 10251-10255.	3.5	22
48	Fractoluminescence characterization of the energy dissipated during fast fracture of glass. <i>Europhysics Letters</i> , 2012, 99, 28003.	2.0	22
49	Light-induced orientation of a low absorbing phosphine oxide azo-dye/PMMA copolymer: towards a trade-off between transparency and photoinduced non-linearity. <i>Chemical Physics Letters</i> , 1997, 271, 335-340.	2.6	21
50	Surface-Confined Self-Assembled Janus Tectons: A Versatile Platform towards the Noncovalent Functionalization of Graphene. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10060-10066.	13.8	21
51	Electromodulated absorption spectroscopy of charge carriers in \pm -sexithiophene thin films. <i>Synthetic Metals</i> , 1994, 65, 13-17.	3.9	19
52	Single-molecule fluctuations in a tunnel junction: A study by scanning-tunnelling-microscopy-induced luminescence. <i>Europhysics Letters</i> , 2006, 74, 313-319.	2.0	19
53	Star-shaped ethynylpyrimidine with long alkoxy side chains: synthesis, fluorescence and 2D self-assembling. <i>Tetrahedron Letters</i> , 2009, 50, 7055-7058.	1.4	19
54	Janus-Like 3D Tectons: Self-Assembled 2D Arrays of Functional Units at a Defined Distance from the Substrate. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6562-6566.	13.8	19

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55	Photoemission electron microscopy, a tool for plasmonics. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2013, 189, 24-29.	1.7	19
56	High resolution scanning near field mapping of enhancement on SERS substrates: comparison with photoemission electron microscopy. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 9405-9411.	2.8	17
57	Sequential growth at the sub-10 nm scale of cyanide bridged coordination networks on inorganic surfaces. <i>Dalton Transactions</i> , 2013, 42, 15835.	3.3	16
58	Optical Properties of Triarylpyrylium Dimers. <i>The Journal of Physical Chemistry</i> , 1996, 100, 10701-10706.	2.9	15
59	Influence of the oxazole ring connection on the fluorescence of oxazolyl-triphenylamine biphotonic DNA probes. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 358-370.	2.8	15
60	Dipolar Response of Metallic Copper Nanocrystal Islands, Studied by Two-Step Near-Field Microscopy. <i>Advanced Materials</i> , 2002, 14, 601.	21.0	14
61	Self-Assembled Monolayers Based on Phenanthroline-Gold(111) Bonding. <i>Langmuir</i> , 2006, 22, 10874-10876.	3.5	14
62	Absorption and fluorescence electro-modulation in π -sexithiophene metal-insulator-semiconductor devices. <i>Synthetic Metals</i> , 1996, 76, 11-14.	3.9	13
63	Photochemistry of 2-[(1,3,3-trimethylindoline-2(1H)-ylidene)propen-1-yl]-3,3-dimethylindolino[1,2-b]-oxazolidine in solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1999, 128, 93-96.	3.9	13
64	Resonant electromagnetic field cavity between scanning tunneling microscope tips and substrate. <i>Journal of Applied Physics</i> , 2002, 91, 3028-3036.	2.5	13
65	Influence of the Au(111) reconstruction on the light emission induced by a scanning tunneling microscope. <i>Physical Review B</i> , 2004, 70, .	3.2	13
66	Near-Field Localization of Single Au Cubes: A Group Theory Description. <i>Journal of Physical Chemistry C</i> , 2017, 121, 4517-4523.	3.1	13
67	Complex third-order phase conjugation nonlinearity of polymeric thin films. <i>Applied Physics Letters</i> , 1991, 59, 13-15.	3.3	12
68	Nanoscale STM Detection of Photocurrents in Organic Semiconductors. <i>Advanced Materials</i> , 2001, 13, 555-558.	21.0	12
69	Scanning tunneling microscopy-controlled dynamic switching of single nanoparticle luminescence at room temperature. <i>Applied Physics Letters</i> , 2001, 79, 4013-4015.	3.3	12
70	Single Atom Substitution for Marking and Motion Tracking of Individual Molecules by Scanning Tunneling Microscopy. <i>Journal of Physical Chemistry C</i> , 2008, 112, 14058-14063.	3.1	12
71	The electronic properties of mixed valence hydrated europium chloride thin film. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 18403-18412.	2.8	12
72	Optical absorption signature of a self-assembled dye monolayer on graphene. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 862-868.	2.8	12

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73	Optimization of an ultrafast OASLM using photoexcitations in organic thin films : the incoherent-to-coherent conversion efficiency of spectral concentration. Journal De Physique III, 1993, 3, 1401-1411.	0.3	12
74	PHOTOINDUCED NONLINEAR OCTUPOLAR POLARIZATION: TRANSIENT AND PERMANENT REGIMES. Journal of Nonlinear Optical Physics and Materials, 1996, 05, 653-670.	1.8	10
75	Local photon emission of self-assembled metal nanoparticles. Applied Surface Science, 2000, 162-163, 553-558.	6.1	10
76	Single nanoparticle manipulation with simultaneously recorded STM-induced light emission. Materials Science and Engineering C, 2002, 19, 193-195.	7.3	10
77	Negative differential resistance at Ag ⁺ -Si nanowires on silicon carbide: From a passive to an active massively parallel architecture. Applied Physics Letters, 2007, 91, 223111.	3.3	10
78	An optimized alkyl chain-based binding motif for 2D self-assembly: a comprehensive crystallographic approach. Nanoscale, 2013, 5, 1452.	5.6	10
79	Strong Coupling between Self-Assembled Molecules and Surface Plasmon Polaritons. Journal of Physical Chemistry Letters, 2017, 8, 5626-5632.	4.6	10
80	Functional hybrid multilayered van der Waals heterostructures from graphene and self-assembled supramolecular 2D crystals. 2D Materials, 2019, 6, 045016.	4.4	10
81	A versatile strategy towards non-covalent functionalization of graphene by surface-confined supramolecular self-assembly of Janus tectons. Beilstein Journal of Nanotechnology, 2015, 6, 632-639.	2.8	9
82	Influence of field-effect charges on the optical properties of 1,4-dithiophene thin films. Synthetic Metals, 1996, 81, 173-177.	3.9	8
83	Correlation between STM-induced photon emission and barrier height: The case of the Cu ₃ Au alloy vicinal surface. Europhysics Letters, 2003, 64, 475-481.	2.0	8
84	Time-correlations as a contrast mechanism in scanning-tunneling-microscopy-induced photon emission. Ultramicroscopy, 2004, 99, 159-164.	1.9	8
85	Molecular second harmonic generation induced at a metallic tip. Journal of Applied Physics, 2008, 104, 103113.	2.5	8
86	Polarization-dependent fluorescence from an anisotropic gold/polymer hybrid nano-emitter. Applied Physics Letters, 2014, 104, 023114.	3.3	8
87	From plasmon-induced luminescence enhancement in gold nanorods to plasmon-induced luminescence turn-off: a way to control reshaping. Physical Chemistry Chemical Physics, 2018, 20, 12295-12302.	2.8	8
88	Plasmon modes in light emission from silver nanoparticles induced by a scanning tunneling microscope. Surface Science, 2008, 602, 345-348.	1.9	7
89	Near-field electroluminescence probe of polymer light-emitting diodes. Optical Materials, 1999, 12, 249-253.	3.6	6
90	Photon emission from polycrystalline Ag induced by scanning tunneling microscopy: comparison of different tip materials. Surface Science, 2003, 531, 113-122.	1.9	6

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91	Evidence of Mixed-Valence Hydrated Europium-Chloride Phase in Vacuum by Means of Optical and Electronic Spectroscopies. <i>Journal of Physical Chemistry C</i> , 2013, 117, 9766-9771.	3.1	6
92	Surface-Confined Self-Assembled Janus Tectons: A Versatile Platform towards the Noncovalent Functionalization of Graphene. <i>Angewandte Chemie</i> , 2014, 126, 10224-10230.	2.0	6
93	Transition from disordered to long-range ordered nanoparticles on Al ₂ O ₃ /Ni ₃ Al(111). <i>Applied Surface Science</i> , 2018, 444, 423-429.	6.1	6
94	Picosecond studies of optical stark effect in polydiacetylenes. <i>Optics Communications</i> , 1989, 73, 357-360.	2.1	5
95	STM-induced photon emission at the solid-liquid interface. <i>Physical Review B</i> , 2003, 67, .	3.2	5
96	Surface-Confined Supramolecular Self-Assembly of Molecular Nanocranes for Chemically Lifting and Positioning C ₆₀ above a Conducting Substrate. <i>ChemPhysChem</i> , 2015, 16, 3774-3778.	2.1	5
97	2D self-assembly of phenylene-vinylene tectons at the liquid-highly oriented pyrolytic graphite interface: from chain length effects to anisotropic guest-host dynamics. <i>Nanotechnology</i> , 2017, 28, 025602.	2.6	5
98	Femtosecond Kerr ellipsometry in polydiacetylene solutions: Two-photon effects. <i>Applied Physics A: Solids and Surfaces</i> , 1993, 56, 29-34.	1.4	4
99	Optical Patterning of Three-Dimensional Spatio-Tensorial Micro-Structures in Polymers. <i>Optics and Photonics News</i> , 1996, 7, 12.	0.5	4
100	Molecular-scale control of symmetry-breaking in self-assembled conjugated thin films. <i>Optical Materials</i> , 1998, 9, 386-389.	3.6	4
101	All-optical induction of noncentrosymmetry in dyed plastic materials. <i>Optical Materials</i> , 2007, 29, 468-470.	3.6	4
102	Self-assembly: mastering photonic processes at nanoscale. <i>Opto-electronics Review</i> , 2010, 18, .	2.4	4
103	High-resolution microscopy of plasmon field distributions by scanning tunneling luminescence and photoemission electron microscopies. <i>Comptes Rendus Physique</i> , 2012, 13, 815-829.	0.9	4
104	Nanostructured Materials. <i>Springer Handbooks</i> , 2018, , 1041-1080.	0.6	4
105	Inhomogeneous Photon Emission Properties of Self-Assembled Metallic Nanocrystals. <i>Advanced Materials</i> , 2000, 12, 1583-1587.	21.0	4
106	Couplages opto-électroniques dans des structures MIS organiques. <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , 1995, 92, 899-902.	0.2	4
107	Conjugated Thiophene Oligomers as Efficient Photochromic Materials for Ultrafast Spatial Light Modulation. <i>Molecular Crystals and Liquid Crystals</i> , 1994, 255, 73-84.	0.3	3
108	Electro-modulation of absorption in sexithiophene metal/insulator/semiconductor structures. <i>Journal of Optics</i> , 1996, 5, 521-527.	0.5	3

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109	Phase conjugation under two-photon absorption conditions in polydiacetylene crystals. <i>Journal of Optics</i> , 1998, 7, 501-516.	0.5	3
110	Luminescence induced by a scanning-tunneling microscope as a nanophotonic probe. <i>Comptes Rendus Physique</i> , 2002, 3, 493-500.	0.9	3
111	Directed Organization of Platinum Nanocrystals through Organic Supramolecular Nanoporous Templates. <i>Langmuir</i> , 2017, 33, 12759-12765.	3.5	3
112	Electronic effects of the Bernal stacking of graphite on self-assembled aromatic adsorbates. <i>Chemical Communications</i> , 2018, 54, 9607-9610.	4.1	3
113	Self-Assembled Two-Dimensional Nanoporous Crystals as Molecular Sieves: Molecular Dynamics Studies of 1,3,5-Tristyrylbenzene-C _n Superstructures. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 2155-2168.	5.4	3
114	Synthesis and photophysics of new pyridyl end-capped 3D-dithia[3.3]paracyclophane-based Janus tectons: surface-confined self-assembly of their model pedestal on HOPG. <i>New Journal of Chemistry</i> , 2020, 44, 7665-7674.	2.8	3
115	Phase Conjugation under Picosecond Two-Photon Absorption in Polydiacetylenes. , 1991, , 345-357.		3
116	Relaxation of One- and Two-Photon Excitations in a Polydiacetylene Red Form: A Frequency and Phase Resolved Analysis. , 1991, , 359-368.		3
117	Femtosecond two-photon absorption and Raman resonances in polydiacetylene yellow solutions. <i>Synthetic Metals</i> , 1992, 49, 187-194.	3.9	2
118	<title>Quadratic optical polarizabilities in polymer films obtained by dc-electric field and pure optical poling</title>. , 1994, 2285, 92.		2
119	<title>Limits of the use of polymer thin films for spatial light modulation</title>. , 1996, 2969, 138.		2
120	Scanning tunneling microscopy as a probe for photophysical properties of metal nanostructures. <i>Applied Surface Science</i> , 2000, 164, 268-274.	6.1	2
121	Mesoscopic and Nanostructured Materials. , 2005, , 1031-1071.		2
122	Transient second-harmonic generation in a cyanine liquid dye solution. <i>Chemical Physics Letters</i> , 2006, 419, 454-457.	2.6	2
123	Self-Assembled Monolayers of 1,10-Phenanthroline Based Bis-Bidentate Ligands on Au(111). <i>Molecular Crystals and Liquid Crystals</i> , 2008, 485, 881-886.	0.9	2
124	New triarylamine-based far-red DNA stainers with high two-photon absorption properties. <i>Nucleic Acids Symposium Series</i> , 2008, 52, 155-156.	0.3	2
125	Formation of hydroxyl-functionalized stilbenoid molecular sieves at the liquid/solid interface on top of a 1-decanol monolayer. <i>Nanotechnology</i> , 2014, 25, 435604.	2.6	2
126	Synthesis of new dithia[3.3]parapara- and metapara-cyclophane based tectons: toward an universal surface-confined 2D/3D molecular binding motif. <i>Pure and Applied Chemistry</i> , 2016, 88, 1005-1025.	1.9	2

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127	Computer modeling of 2D supramolecular nanoporous monolayers self-assembled on graphite. <i>Nanoscale</i> , 2019, 11, 21284-21290.	5.6	2
128	Plasmonics of regular shape particles, a simple group theory approach. <i>Nano Research</i> , 2020, 13, 1597-1603.	10.4	2
129	Phase conjugation as a probe for noncentrosymmetry grating formation in organics. , 1991, 1516, 211.		1
130	Permanent all-optical poling of octupolar molecules. , 0, , .		1
131	Optical Preparation of Polymers for Phase-Matched Frequency Doubling. <i>Molecular Crystals and Liquid Crystals</i> , 1994, 255, 85-93.	0.3	1
132	<title>All-optical patterning of 3D microstructures in azo polymers: toward a full control of the molecular order</title>. , 1997, , .		1
133	Scanning Tunneling Luminescence from Metal Nanoparticles. , 2006, , 231-250.		1
134	Realization of hybrid systems coupling molecules and gold nanoparticles towards fluorescence enhancement. , 2012, , .		1
135	Probing plasmonic hot spots on single gold nanowires using combined near-field techniques. <i>Proceedings of SPIE</i> , 2015, , .	0.8	1
136	Plasmonics of Opal Surface: A Combined Near- and Far-Field Approach. <i>Journal of Physical Chemistry C</i> , 2016, 120, 19308-19315.	3.1	1
137	Changes in optical properties of conjugated molecules and polymers upon adsorption onto graphene. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 655, 5-15.	0.9	1
138	Inhomogeneous Photon Emission Properties of Self-Assembled Metallic Nanocrystals. , 2000, 12, 1583.		1
139	Electronic structure and second order hyperpolarizability of polythiophene and thiophene oligomers. <i>Synthetic Metals</i> , 1991, 43, 3169-3172.	3.9	0
140	Optical preparation of organic materials for frequency doubling. , 1993, 2044, 32.		0
141	Optical poling of polymers. , 0, , .		0
142	<title>Light-assisted tunneling current spectroscopy: a new tool for nanoscale observation of organic semiconductors</title>. , 2002, , .		0
143	STM-induced photon emission at solidâ€“liquid interface. <i>Materials Science and Engineering C</i> , 2003, 23, 155-158.	7.3	0
144	Photo- and thermoinduced ring opening reaction of 2[(1,3,3-trimethylindoline-2(1H)-yliden)propen-1-yl]-3,3-dimethylindolino[1,2-b]-oxazolidine in polymer films. <i>Open Chemistry</i> , 2004, 2, 290-301.	1.9	0

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145	Design, synthesis, and characterization of a novel class of tunable chromophores for second- and third-order NLO applications. , 2004, , .		0
146	STM induced second harmonic generation: towards near-field nonlinear optical microscopy. , 2008, , .		0
147	Rational Design of Molecular Self-Assemblies: A Platform for Nanotechnology. , 2008, , .		0
148	Controlling molecular organization at the nanoscale for localized second harmonic generation. Proceedings of SPIE, 2010, , .	0.8	0
149	Optimisation of fluorescent DNA labels for two-photon microscopy. Proceedings of SPIE, 2010, , .	0.8	0
150	Near-field microscopy using localized molecular second harmonic generation at a metallic tip. Proceedings of SPIE, 2012, , .	0.8	0
151	Plasmonic Nano-Objects: From Subwavelength Field Enhancement to Hot Charges and Luminescence. , 2019, , .		0
152	STM-Induced Light Emission: Excitation and Time-Resolved Spectroscopy. , 2003, , 93-102.		0
153	Photochromisme transitoire du sexithiophène. Vers un modulateur spatial de lumière ultra-rapide. Journal De Chimie Physique Et De Physico-Chimie Biologique, 1995, 92, 903-906.	0.2	0
154	Modulation of the Optical Properties of Sexithiophene Thin Films by Field-Effect Charges. , 1996, , 431-440.		0
155	Two-Dimensional Dye Self-Assemblies on Graphene: Optical Signature. NATO Science for Peace and Security Series B: Physics and Biophysics, 2017, , 531-532.	0.3	0