

Moreno Meneghetti

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161
papers

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48
h-index

83
g-index

164
ext. papers

8,357
ext. citations

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avg, IF

6.12
L-index

#	Paper	IF	Citations
161	Laser ablation synthesis in solution and size manipulation of noble metal nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2009 , 11, 3805-21	3.6	607
160	What controls the composition and the structure of nanomaterials generated by laser ablation in liquid solution?. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 3027-46	3.6	498
159	Size Evaluation of Gold Nanoparticles by UV-Vis Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 4277-4285	3.8	411
158	Magnetic Nanoparticles of Iron Carbide, Iron Oxide, Oxide, and Metal Iron Synthesized by Laser Ablation in Organic Solvents. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 5140-5146	3.8	168
157	Real-time observation of nonlinear coherent phonon dynamics in single-walled carbon nanotubes. <i>Nature Physics</i> , 2006 , 2, 515-520	16.2	160
156	Intersubband exciton relaxation dynamics in single-walled carbon nanotubes. <i>Physical Review Letters</i> , 2005 , 94, 207401	7.4	159
155	Synthesis, characterization, and photoinduced electron transfer in functionalized single wall carbon nanohorns. <i>Journal of the American Chemical Society</i> , 2007 , 129, 3938-45	16.4	151
154	Evidencing the mask effect of graphene oxide: a comparative study on primary human and murine phagocytic cells. <i>Nanoscale</i> , 2013 , 5, 11234-47	7.7	146
153	Oxidative biodegradation of single- and multi-walled carbon nanotubes. <i>Nanoscale</i> , 2011 , 3, 893-6	7.7	145
152	Laser ablation synthesis of gold nanoparticles in organic solvents. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 7232-7	3.4	145
151	Microwave-induced multiple functionalization of carbon nanotubes. <i>Journal of the American Chemical Society</i> , 2008 , 130, 8094-100	16.4	144
150	Free silver nanoparticles synthesized by laser ablation in organic solvents and their easy functionalization. <i>Langmuir</i> , 2007 , 23, 6766-70	4	137
149	Magneto-plasmonic Au-Fe alloy nanoparticles designed for multimodal SERS-MRI-CT imaging. <i>Small</i> , 2014 , 10, 2476-86	11	130
148	Charge-transfer organic crystals: Molecular vibrations and spectroscopic effects of electron-molecular vibration coupling of the strong electron acceptor TCNQF4. <i>Journal of Chemical Physics</i> , 1986 , 84, 4149-4162	3.9	123
147	Self-healing at the nanoscale. <i>Nanoscale</i> , 2009 , 1, 74-88	7.7	121
146	Controlled size manipulation of free gold nanoparticles by laser irradiation and their facile bioconjugation. <i>Journal of Materials Chemistry</i> , 2007 , 17, 4705		120
145	Microscopic View on a Chemical Vapor Deposition Route to Boron-Doped Graphene Nanostructures. <i>Chemistry of Materials</i> , 2013 , 25, 1490-1495	9.6	112

144	Synthesis of gold nanoparticles by laser ablation in toluene: quenching and recovery of the surface plasmon absorption. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 23125-8	3.4	110
143	Cell up-take control of gold nanoparticles functionalized with a thermoresponsive polymer. <i>Journal of Materials Chemistry</i> , 2009 , 19, 1608		109
142	Vibrational behavior of molecular constituents of organic superconductors: TMTSF, its radical cation and the sulphur analogs TMTTF and TMTTF+. <i>Journal of Chemical Physics</i> , 1984 , 80, 6210-6224	3.9	104
141	Reversible microwave-assisted cycloaddition of aziridines to carbon nanotubes. <i>Journal of the American Chemical Society</i> , 2007 , 129, 14580-1	16.4	103
140	Colloidal Photonic Crystals Doped with Gold Nanoparticles: Spectroscopy and Optical Switching Properties. <i>Advanced Functional Materials</i> , 2007 , 17, 2779-2786	15.6	97
139	The Renaissance of fullerenes with perovskite solar cells. <i>Nano Energy</i> , 2017 , 41, 84-100	17.1	92
138	Microscopic and spectroscopic characterization of paintbrush-like single-walled carbon nanotubes. <i>Nano Letters</i> , 2006 , 6, 1408-14	11.5	89
137	Separation of metallic and semiconducting single-walled carbon nanotubes via covalent functionalization. <i>Small</i> , 2007 , 3, 1672-6	11	86
136	Strong dependence of surface plasmon resonance and surface enhanced Raman scattering on the composition of Au-Fe nanoalloys. <i>Nanoscale</i> , 2014 , 6, 1423-33	7.7	79
135	Coexistence of plasmonic and magnetic properties in Au ₈₉ Fe ₁₁ nanoalloys. <i>Nanoscale</i> , 2013 , 5, 5611-9	7.7	77
134	Plasmon-enhanced optical trapping of gold nanoaggregates with selected optical properties. <i>ACS Nano</i> , 2011 , 5, 905-13	16.7	77
133	Synthesis, X-ray crystal structure, UV/visible linear and nonlinear (optical limiting) spectral properties of symmetrical and unsymmetrical porphyrazines with annulated 1,2,5-thiadiazole and 1,4-diamyloxybenzene moieties. <i>Chemistry - A European Journal</i> , 2003 , 9, 4009-24	4.8	72
132	Multifunctional hybrid materials composed of [60]fullerene-based functionalized-single-walled carbon nanotubes. <i>Carbon</i> , 2009 , 47, 578-588	10.4	70
131	Tetra-2,3-pyrazinoporphyrazines with externally appended pyridine rings. 2. Metal complexes of tetrakis-2,3-[5,6-di(2-pyridyl)pyrazino]porphyrazine: linear and nonlinear optical properties and electrochemical behavior. <i>Inorganic Chemistry</i> , 2004 , 43, 8637-48	5.1	70
130	Wet Adsorption of a Luminescent EuIII complex on Carbon Nanotubes Sidewalls. <i>Advanced Functional Materials</i> , 2007 , 17, 2975-2982	15.6	69
129	C60 derivatives embedded in sol-gel silica films. <i>Advanced Materials</i> , 1995 , 7, 404-406	24	68
128	Top-down synthesis of multifunctional iron oxide nanoparticles for macrophage labelling and manipulation. <i>Journal of Materials Chemistry</i> , 2011 , 21, 3803		67
127	Nonlinear optical properties of tetrapyrazinoporphyrazinato indium chloride complexes due to excited-state absorption processes. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 12691-6	3.4	59

126	Exploring How to Increase the Brightness of Surface-Enhanced Raman Spectroscopy Nanolabels: The Effect of the Raman-Active Molecules and of the Label Size. <i>Advanced Functional Materials</i> , 2012 , 22, 353-360	15.6	58
125	Manipulation and Raman Spectroscopy with Optically Trapped Metal Nanoparticles Obtained by Pulsed Laser Ablation in Liquids. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 5115-5122	3.8	58
124	Microwave-Assisted Bromination of Double-Walled Carbon Nanotubes. <i>Chemistry of Materials</i> , 2009 , 21, 4747-4749	9.6	58
123	LDI-MS assisted by chemical-free gold nanoparticles: enhanced sensitivity and reduced background in the low-mass region. <i>Analytical Chemistry</i> , 2013 , 85, 11747-54	7.8	57
122	Ball-milling modification of single-walled carbon nanotubes: purification, cutting, and functionalization. <i>Small</i> , 2011 , 7, 665-74	11	57
121	Ionicity and electron molecular vibration interaction in mixed stack CT systems: M2P π CNQ and M2P π CNQF4. <i>Journal of Chemical Physics</i> , 1985 , 83, 3134-3145	3.9	57
120	Evidence of Spiro-OMeTAD De-doping by tert-Butylpyridine Additive in Hole-Transporting Layers for Perovskite Solar Cells. <i>Chem</i> , 2019 , 5, 1806-1817	16.2	54
119	Disaggregation of single-walled carbon nanotubes (SWNTs) promoted by the ionic liquid-based surfactant 1-hexadecyl-3-vinyl-imidazolium bromide in aqueous solution. <i>Soft Matter</i> , 2009 , 5, 62-66	3.6	51
118	Degradation-by-design: Surface modification with functional substrates that enhance the enzymatic degradation of carbon nanotubes. <i>Biomaterials</i> , 2015 , 72, 20-8	15.6	50
117	Carbon nanohorns functionalized with polyamidoamine dendrimers as efficient biocarrier materials for gene therapy. <i>Carbon</i> , 2012 , 50, 2832-2844	10.4	50
116	Laser generation of iron-doped silver nanotruffles with magnetic and plasmonic properties. <i>Nano Research</i> , 2015 , 8, 4007-4023	10	49
115	Microwave-Assisted Synthesis of a Soluble Single Wall Carbon Nanotube Derivative. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2003 , 11, 25-34	1.8	48
114	Alumina-Promoted Sulfated Zirconia System: Structure and Microstructure Characterization. <i>Chemistry of Materials</i> , 2001 , 13, 1634-1641	9.6	48
113	Electroanalysis of Trace Inorganic Arsenic with Gold Nanoelectrode Ensembles. <i>Electroanalysis</i> , 2012 , 24, 798-806	3	47
112	Magnetic iron oxide nanoparticles with tunable size and free surface obtained via a green approach based on laser irradiation in water. <i>Journal of Materials Chemistry</i> , 2011 , 21, 18665		47
111	Optical limiting and non linear optical properties of fullerene derivatives embedded in hybrid sol-gel glasses. <i>Carbon</i> , 2000 , 38, 1653-1662	10.4	46
110	Self-Healing of Gold Nanoparticles in the Presence of Zinc Phthalocyanines and Their Very Efficient Nonlinear Absorption Performances. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 8688-8695	3.8	43
109	Nanoparticles Engineering by Pulsed Laser Ablation in Liquids: Concepts and Applications. <i>Nanomaterials</i> , 2020 , 10,	5.4	43

108	Synthesis and Optical-Limiting Behavior of Hybrid Inorganic/Organic Materials from the Sol-Gel Processing of Organofullerenes. <i>Chemistry - A European Journal</i> , 1999 , 5, 2501-2510	4.8	42
107	Anti-Kasha's rule fluorescence emission in (2-ferrocenyl)indene generated by a twisted intramolecular charge-transfer (TICT) process. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 8344-9	2.8	41
106	Efficient functionalization of carbon nanohorns via microwave irradiation. <i>Journal of Materials Chemistry</i> , 2009 , 19, 4407		41
105	Structural and spectroscopic characterization of Cu(II) [tetrakis-(3,3-dimethyl-l-butoxycarbonyl)] phthalocyanine thin films deposited by the Langmuir-Blodgett technique. <i>Thin Solid Films</i> , 1995 , 265, 58-65	2.2	41
104	Advances in self-healing optical materials. <i>Journal of Materials Chemistry</i> , 2012 , 22, 24501		39
103	Cap removal and shortening of double-walled and very-thin multi-walled carbon nanotubes under mild oxidative conditions. <i>Carbon</i> , 2009 , 47, 675-682	10.4	39
102	Electronic interactions in the organic conductors (TMTSF) ₂ X (X=ClO ₄ and PF ₆) and (TMTTF) ₂ X (X=Br and PF ₆) from their infrared spectra. <i>Physical Review B</i> , 1994 , 49, 10893-10907	3.3	39
101	Light Localization Effect on the Optical Properties of Opals Doped with Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 6293-6298	3.8	37
100	Large two-photon absorption cross sections of hemiporphyrazines in the excited state: the multiphoton absorption process of hemiporphyrazines with different central metals. <i>Journal of the American Chemical Society</i> , 2008 , 130, 12290-8	16.4	35
99	Enhanced EGFR Targeting Activity of Plasmonic Nanostructures with Engineered GE11 Peptide. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1700596	10.1	32
98	Plasmonic nanostructures for SERRS multiplexed identification of tumor-associated antigens. <i>Small</i> , 2012 , 8, 3733-8	11	32
97	Tetra-2,3-pyrazinoporphyrazines with externally appended pyridine rings. 6. Chemical and redox properties and highly effective photosensitizing activity for singlet oxygen production of penta- and monopalladated complexes in dimethylformamide solution. <i>Inorganic Chemistry</i> , 2008 , 47, 8757-66	5.1	32
96	Detection of low-quantity anticancer drugs by surface-enhanced Raman scattering. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 2123-31	4.4	31
95	Polyaniline-coated single-walled carbon nanotubes: synthesis, characterization and impact on primary immune cells. <i>Journal of Materials Chemistry</i> , 2010 , 20, 2408		31
94	Tetrabrominated lead naphthalocyanine for optical power limiting. <i>Chemistry - A European Journal</i> , 2010 , 16, 1212-20	4.8	31
93	Structural and magnetic properties of mesoporous SiO ₂ nanoparticles impregnated with iron oxide or cobalt-iron oxide nanocrystals. <i>Journal of Materials Chemistry</i> , 2012 , 22, 19276		30
92	Light-Controlled Resistance Modulation in a Photochromic Diarylethene/Carbon Nanotube Blend. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 19483-19489	3.8	30
91	Indium phthalocyanines with different axial ligands: a study of the influence of the structure on the photophysics and optical limiting properties. <i>Journal of Physical Chemistry A</i> , 2008 , 112, 8515-22	2.8	30

90	Infrared study of electron-molecular vibration interactions and phase transitions in the organic conductors (TMTTF) ₂ X (X = BF ₄ , ClO ₄ , and PF ₆) and TMTTF-bromanil. <i>Journal of Chemical Physics</i> , 1982 , 76, 5785-5795	3.9	30
89	Predictions on the SERS enhancement factor of gold nanosphere aggregate samples. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 15515-15522	3.6	29
88	Excited state dynamics and nonlinear absorption of a pyrazinoporphyrazine macrocycle carrying externally appended pyridine rings. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 24354-60	3.4	29
87	Zinc-induced switching of the nonlinear optical properties of a functionalized bis(styryl)benzene. <i>Journal of the American Chemical Society</i> , 2004 , 126, 6238-9	16.4	29
86	Structural instabilities of molecular conductors studied by optical spectroscopy: phase transitions of (DM-DCNQI) ₂ X (X=Ag, Li, Na, K, Rb). <i>Synthetic Metals</i> , 1991 , 42, 1775-1780	3.6	29
85	Optical properties of molecular conductors: One-dimensional systems with twofold-commensurate charge-density waves. <i>Physical Review B</i> , 1987 , 36, 7795-7804	3.3	29
84	Light-induced selective deposition of Au nanoparticles on single-wall carbon nanotubes. <i>ACS Nano</i> , 2010 , 4, 6105-13	16.7	28
83	Fullerene non-linear excited state absorption induced by gold nanoparticles light harvesting. <i>Synthetic Metals</i> , 2005 , 155, 283-286	3.6	28
82	A SERS/MRI multimodal contrast agent based on naked Au nanoparticles functionalized with a Gd(iii) loaded PEG polymer for tumor imaging and localized hyperthermia. <i>Nanoscale</i> , 2018 , 10, 1272-1278	7.7	27
81	High-Quality, Ligands-Free, Mixed-Halide Perovskite Nanocrystals Inks for Optoelectronic Applications. <i>Advanced Energy Materials</i> , 2017 , 7, 1601703	21.8	26
80	Optical properties of organic conductor and semiconductor crystals: Model for a half-filled dimerized chain. <i>Physical Review B</i> , 1991 , 44, 8554-8564	3.3	26
79	Surface Enhanced Raman Spectroscopy for Quantitative Analysis: Results of a Large-Scale European Multi-Instrument Interlaboratory Study. <i>Analytical Chemistry</i> , 2020 , 92, 4053-4064	7.8	25
78	SERS labels for quantitative assays: application to the quantification of gold nanoparticles uptaken by macrophage cells. <i>Analytical Methods</i> , 2011 , 3, 849	3.2	25
77	Nonlinear absorption properties and excited state dynamics of ferrocene. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 9286-94	2.8	25
76	Optical Limiting Devices Based on C60 Derivatives in Sol-Gel Hybrid Organic-Inorganic Materials. <i>Journal of Sol-Gel Science and Technology</i> , 2000 , 19, 263-266	2.3	25
75	Single wall carbon nanohorns coated with anatase titanium oxide. <i>Carbon</i> , 2009 , 47, 1321-1326	10.4	24
74	Long-lived charged states in single-walled carbon nanotubes. <i>Nano Letters</i> , 2006 , 6, 301-5	11.5	24
73	Safe core-satellite magneto-plasmonic nanostructures for efficient targeting and photothermal treatment of tumor cells. <i>Nanoscale</i> , 2018 , 10, 976-984	7.7	24

72	Gold Nanoparticle Aggregates Functionalized with Cyclic RGD Peptides for Targeting and Imaging of Colorectal Cancer Cells. <i>ACS Applied Nano Materials</i> , 2019 , 2, 6436-6444	5.6	23
71	Alternative SERRS probes for the immunochemical localization of ovalbumin in paintings: an advanced mapping detection approach. <i>Analyst, The</i> , 2013 , 138, 4532-41	5	23
70	Investigation of the inner environment of carbon nanotubes with a fullerene-nitroxide probe. <i>Small</i> , 2008 , 4, 350-6	11	23
69	Sol-gel materials embedding fullerene derivatives for optical limiting. <i>Synthetic Metals</i> , 1997 , 86, 2353-2354	3.54	22
68	A surface enhanced Raman scattering based colloid nanosensor for developing therapeutic drug monitoring. <i>Journal of Colloid and Interface Science</i> , 2019 , 533, 621-626	9.3	22
67	Versatile microwave-induced reactions for the multiple functionalization of carbon nanotubes. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 1936-42	3.9	21
66	Effect of external magnetic field on tribological properties of goethite (α -FeOOH) based nanofluids. <i>Tribology International</i> , 2018 , 127, 341-350	4.9	20
65	Physico-Chemical Characteristics of Gold Nanoparticles. <i>Comprehensive Analytical Chemistry</i> , 2014 , 66, 81-152	1.9	19
64	Manipulating chemistry through nanoparticle morphology. <i>Nanoscale Horizons</i> , 2019 , 5, 102-108	10.8	18
63	Excited state two photon absorption of a charge transfer radical dimer in the near infrared. <i>Journal of Physical Chemistry A</i> , 2005 , 109, 4643-5	2.8	17
62	Electronic and structural characterization of a charge transfer crystal with strong electronic correlations through infrared and Raman spectroscopy: TMPD π CNQF4. <i>Journal of Chemical Physics</i> , 1988 , 89, 2704-2711	3.9	17
61	Synthesis and Functionalization of Corroles. An Insight on Their Nonlinear Optical Absorption Properties. <i>Current Organic Synthesis</i> , 2014 , 11, 29-41	1.9	17
60	Efficient AuFeOx Nanoclusters of Laser-Ablated Nanoparticles in Water for Cells Guiding and Surface-Enhanced Resonance Raman Scattering Imaging. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 14534-14541	3.8	16
59	Synthesis and Shape Manipulation of Anisotropic Gold Nanoparticles by Laser Ablation in Solution. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 4820-4826	3.8	16
58	Eco-Friendly Spray Deposition of Perovskite Films on Macroscale Textured Surfaces. <i>Advanced Materials Technologies</i> , 2020 , 5, 1901009	6.8	15
57	Synthesis and high ranked NLT properties of new sulfonamide-substituted indium phthalocyanines. <i>Inorganica Chimica Acta</i> , 2010 , 363, 3945-3950	2.7	15
56	Infrared properties of a 2-D organic conductor: π (BEDT-TTF) π 2I3 in its high and low temperature phases. <i>Synthetic Metals</i> , 1987 , 19, 143-149	3.6	15
55	PreS1 peptide-functionalized gold nanostructures with SERRS tags for efficient liver cancer cell targeting. <i>Materials Science and Engineering C</i> , 2019 , 103, 109762	8.3	14

54	A new integrated TLC/MU-ATR/SERS advanced approach for the identification of trace amounts of dyes in mixtures. <i>Analytica Chimica Acta</i> , 2017 , 991, 104-112	6.6	14
53	Parallel optical read-out of micromechanical pillars applied to prostate specific membrane antigen detection. <i>Biosensors and Bioelectronics</i> , 2015 , 72, 393-9	11.8	14
52	Dimerization, vibronic structures, and optical gaps in the (TMTTF) ₂ X and (TMTSF) ₂ X salts. <i>Synthetic Metals</i> , 1987 , 19, 309-316	3.6	14
51	Laser Ablation Synthesis of Silver Nanoparticles Embedded in Graphitic Carbon Matrix. <i>Science of Advanced Materials</i> , 2012 , 4, 497-500	2.3	14
50	Periodic-dimer-cluster models for the study of the optical properties of dimerized half-filled organic charge-transfer crystals. <i>Physical Review B</i> , 1990 , 42, 1605-1608	3.3	13
49	Molecular cluster models for the analysis of the optical spectra of organic charge transfer crystals: Properties and applications. <i>Synthetic Metals</i> , 1988 , 27, 109-114	3.6	13
48	Targeted killing of prostate cancer cells using antibody-drug conjugated carbon nanohorns. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 8821-8832	7.3	12
47	Degradation products from naturally aged paper leaves of a 16th-century-printed book: a spectrochemical study. <i>Chemistry - A European Journal</i> , 2013 , 19, 9569-77	4.8	12
46	Use of nano gold obtained by laser ablation for SEIRA analyses of colorants. <i>Heritage Science</i> , 2014 , 2,	2.5	12
45	Fullerene Derivatives Embedded in Hybrid Sol-Gel Glasses: Nonlinear Optical Properties and Optical Limiting Performances. <i>Journal of Sol-Gel Science and Technology</i> , 2001 , 22, 245-253	2.3	12
44	TTF-CNE a charge transfer molecular crystal with partial ionic ground state: Optical properties and electron-molecular vibrations interaction. <i>Journal of Chemical Physics</i> , 1996 , 105, 397-407	3.9	12
43	Optical properties of one-dimensional pi-conjugated compounds: Study of the pressure-dependent linear properties of K-tetracyanoquinodimethane. <i>Physical Review B</i> , 1994 , 50, 16899-16904	3.3	12
42	Large excited state two photon absorptions in the near infrared region of surprisingly stable radical cations of (ferrocenyl)indenes. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 12971-6	3.6	11
41	Perylene Derivatives As Useful SERRS Reporters, Including Multiplexing Analysis. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 28042-8	9.5	10
40	Vibrational and electronic spectra of one-dimensional organic charge-transfer crystals: Model for a tetramerized cluster structure. <i>Physical Review B</i> , 1989 , 40, 12187-12195	3.3	10
39	Understanding the good and poor cell targeting activity of gold nanostructures functionalized with molecular units for the epidermal growth factor receptor. <i>Nanoscale Advances</i> , 2019 , 1, 1970-1979	5.1	9
38	Sequential multiphoton absorption enhancement induced by zinc complexation in functionalized distyrylbenzene analogs. <i>Physical Chemistry Chemical Physics</i> , 2007 , 9, 616-21	3.6	9
37	Zirconia-Based Magnetoplasmonic Nanocomposites: A New Nanotool for Magnetic-Guided Separations with SERS Identification. <i>ACS Applied Nano Materials</i> , 2020 , 3, 1232-1241	5.6	8

36	Optical limiting of multilayer sol-gel structures containing fullerenes. <i>Synthetic Metals</i> , 1999 , 103, 2474-2475	3.4	8
35	Optical studies of the interplay between electron-lattice and electron-electron interactions in organic molecular conductors. <i>Synthetic Metals</i> , 1988 , 27, 129-136	3.6	8
34	Study of the Phase Transitions of (DI-DCNQI) ₂ M (M=Ag, Li,Cu) through the Analysis of the Temperature-Dependent Vibronic and Vibrational Infrared Absorptions. <i>Journal of Solid State Chemistry</i> , 2002 , 168, 632-638	3.3	7
33	Model for the linear and nonlinear optical properties of one-dimensional organic pi -conjugated compounds. <i>Physical Review B</i> , 1993 , 47, 13151-13155	3.3	7
32	Thiolated Graphene Oxide Nanoribbons as Templates for Anchoring Gold Nanoparticles: Two-Dimensional Nanostructures for SERS. <i>ChemPlusChem</i> , 2019 , 84, 862-871	2.8	6
31	Degradation by-products of ancient paper leaves from wash waters. <i>Analytical Methods</i> , 2015 , 7, 8197-8205	3.0	6
30	Characterization of TCNQF4 charge transfer complexes through vibrational and vibronic studies. <i>Synthetic Metals</i> , 1987 , 19, 451-456	3.6	6
29	Preparation and characterization of fullerenes containing sol-gel glass. <i>Journal of Sol-Gel Science and Technology</i> , 1997 , 8, 609-613	2.3	5
28	Exciton relaxation in single wall carbon nanotubes. <i>Synthetic Metals</i> , 2005 , 155, 246-249	3.6	5
27	Study of the phase transitions of (DI-DCNQI) ₂ X using vibronic and vibrational spectra. <i>Synthetic Metals</i> , 2001 , 120, 1091-1092	3.6	5
26	Pseudocarbynes: Linear Carbon Chains Stabilized by Metal Clusters. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 19355-19361	3.8	5
25	SERRS multiplexing with multivalent nanostructures for the identification and enumeration of epithelial and mesenchymal cells. <i>Scientific Reports</i> , 2020 , 10, 15805	4.9	5
24	Wavy graphene sheets from electrochemical sewing of corannulene. <i>Chemical Science</i> , 2021 , 12, 8048-8057	3.4	5
23	Experimental evaluation of the electron-intramolecular-vibration coupling constants of tetramethyltetrafulvalene. <i>Physical Review B</i> , 1996 , 54, 16353-16356	3.3	4
22	Single File Flow of Biomimetic Beads for Continuous SERS Recording in a Microfluidic Device. <i>Advances in Condensed Matter Physics</i> , 2018 , 2018, 1-9	1	4
21	Preparation and characterization of Ag-nanostars@Au-nanowires hierarchical nanostructures for highly sensitive surface enhanced Raman spectroscopy. <i>Nano Express</i> , 2020 , 1, 020006	2	3
20	Partial ionic ground state in the self-dimer mixed stack charge transfer crystal of TTF and TCNE. <i>Synthetic Metals</i> , 1997 , 86, 2037-2038	3.6	3
19	Non-linear optical transmission of soluble fullerenes and nanotubes, and of TMTTF. <i>Synthetic Metals</i> , 2003 , 137, 1495-1496	3.6	3

18	New Organic Semiconductor Based on Tetrathiafulvalene and Squarate Radical Ions: Electrochemical Synthesis and Characterization. <i>Advanced Materials</i> , 2000 , 12, 1610-1614	24	3
17	Magnetic nanoparticles synthesis by laser ablation of strontium ferrite under water and their characterization by optically detected magnetophoresis supported by BEM calculations. <i>Journal of Materials Chemistry C</i> ,	7.1	3
16	Silver nanoplates paved PMMA cuvettes as a cheap and re-usable plasmonic sensing device. <i>Applied Surface Science</i> , 2021 , 566, 150701	6.7	3
15	Serrs: Plasmonic Nanostructures for SERRS Multiplexed Identification of Tumor-Associated Antigens (Small 24/2012). <i>Small</i> , 2012 , 8, 3860-3860	11	2
14	Electronic and vibronic optical excitations of a quarter-filled periodic octamer. <i>Synthetic Metals</i> , 1997 , 85, 1629-1630	3.6	2
13	Spectroscopic studies of (TCNQF ₄) ₃ [N(CH ₃) ₄] ₂ . <i>Synthetic Metals</i> , 1999 , 103, 2318-2321	3.6	2
12	Optical excitations in a quarter-filled Ni(dmit) ₂ based compound described by a dimerized octamer model. <i>Synthetic Metals</i> , 1999 , 103, 2187	3.6	2
11	Electron-electron interactions and 4kF localization in the Bechgaard salts and their sulfur analogs: A spectroscopic outlook. <i>Synthetic Metals</i> , 1991 , 42, 1653-1656	3.6	2
10	Spotting aged dyes on paper with SERS. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 24070-24076	3.6	2
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