

Salvatore PatanÃ

List of Publications by Year in descending order

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185
papers

3,320
citations

172207

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187
all docs

187
docs citations

187
times ranked

3972
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring Light-Matter Interaction Phenomena under Ultrastrong Coupling Regime. ACS Photonics, 2014, 1, 1042-1048.	3.2	153
2	Aggregation Behavior of Protoporphyrin IX in Aqueous Solutions: A Clear Evidence of Vesicle Formation. Journal of Physical Chemistry B, 2002, 106, 2453-2459.	1.2	151
3	Artifact-free near-field optical imaging by apertureless microscopy. Applied Physics Letters, 2000, 77, 621-623.	1.5	98
4	Cardiotoxicity: Cisplatin and long-term cancer survivors. International Journal of Cardiology, 2014, 175, 201-202.	0.8	87
5	A Smart Nanovector for Cancer Targeted Drug Delivery Based on Graphene Quantum Dots. Nanomaterials, 2019, 9, 282.	1.9	83
6	Ultrastrong light-matter coupling in electrically doped microcavity organic light emitting diodes. Applied Physics Letters, 2014, 104, 233303.	1.5	67
7	Organoboron Polymers for Photovoltaic Bulk Heterojunctions. Macromolecular Rapid Communications, 2010, 31, 1281-1286.	2.0	58
8	Bright Polariton Coumarin-Based OLEDs Operating in the Ultrastrong Coupling Regime. Advanced Optical Materials, 2018, 6, 1800364.	3.6	50
9	Exploiting the Condensation Reactions of Acetophenone to Engineer Carbon-Encapsulated Nb ₂ O ₅ Nanocrystals for High-Performance Li and Na Energy Storage Systems. Advanced Energy Materials, 2019, 9, 1902813.	10.2	49
10	Cardiotoxicity: Anthracyclines and long term cancer survivors. International Journal of Cardiology, 2014, 176, 1326-1328.	0.8	46
11	Nano-Raman imaging of Cu-TCNQ clusters in TCNQ thin films by scanning near-field optical microscopy Presented at the LANMAT 2001 Conference on the Interaction of Laser Radiation with Matter at Nanoscopic Scales: From Single Molecule Spectroscopy to Materials Processing, Venice, 3-6 October, 2001.. Physical Chemistry Chemical Physics, 2002, 4, 2747-2753.	1.3	45
12	Humidity sensing properties of Li-iron oxide based thin films. Sensors and Actuators B: Chemical, 2001, 73, 89-94.	4.0	43
13	Amphiphilic Cyclodextrin Carriers Embedding Porphyrins: A Charge and Size Modulation of Colloidal Stability in Heterotopic Aggregates. Journal of Physical Chemistry B, 2005, 109, 7258-7265.	1.2	43
14	Prostate-specific antigen kallikrein: from prostate cancer to cardiovascular system. European Heart Journal, 2009, 30, 1169-1170.	1.0	43
15	Spin-Momentum Locking in the Near Field of Metal Nanoparticles. ACS Photonics, 2017, 4, 2242-2249.	3.2	40
16	Nanoassembly of an amphiphilic cyclodextrin and Zn(II)-phthalocyanine with the potential for photodynamic therapy of cancer. RSC Advances, 2014, 4, 43903-43911.	1.7	39
17	Near-field optical writing on azo-polymethacrylate spin-coated films. Optics Communications, 2002, 210, 37-41.	1.0	38
18	Porphyrin Deposition Induced by UV Irradiation. Journal of the American Chemical Society, 2003, 125, 2040-2041.	6.6	38

#	ARTICLE	IF	CITATIONS
19	Optical nanowriting on azobenzene side-chain polymethacrylate thin films by near-field scanning optical microscopy. <i>Applied Physics Letters</i> , 2003, 82, 3313-3315.	1.5	37
20	Optical limiting effects in linear carbon chains. <i>Carbon</i> , 2011, 49, 306-310.	5.4	37
21	HERG-targeted therapy in both cancer and cardiovascular system with cardiovascular drugs. <i>International Journal of Cardiology</i> , 2014, 176, 1082-1085.	0.8	37
22	M3 muscarinic acetylcholine receptor in cardiology and oncology. <i>International Journal of Cardiology</i> , 2014, 177, 646-649.	0.8	35
23	Subdiffraction Light Concentration by J-Aggregate Nanostructures. <i>ACS Photonics</i> , 2015, 2, 971-979.	3.2	35
24	Numerical investigation of CIGS thin-film solar cells. <i>Solar Energy</i> , 2020, 204, 440-447.	2.9	34
25	Optical near-field harmonic demodulation in apertureless microscopy. <i>Journal of Microscopy</i> , 2001, 202, 84-93.	0.8	33
26	Erosion-corrosion behavior of highly hydrophobic hierarchical nickel coatings. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 558, 446-454.	2.3	33
27	Morphologic variations in bacteria under stress conditions: Near-field optical studies. <i>Scanning</i> , 2002, 24, 274-283.	0.7	32
28	ERBB1/EGFR and ERBB2 (HER2/neu) Targeted therapies in cancer and cardiovascular system with cardiovascular drugs. <i>International Journal of Cardiology</i> , 2014, 176, 1301-1303.	0.8	31
29	Polarization-modulation near-field optical microscope for quantitative local dichroism mapping. <i>Review of Scientific Instruments</i> , 2002, 73, 2051-2056.	0.6	30
30	Prostate-specific antigen kallikrein and acute myocardial infarction: Where we are. Where are we going?. <i>International Journal of Cardiology</i> , 2011, 146, e20-e22.	0.8	30
31	Cardiotoxicity: Trastuzumab and cancer survivors. <i>International Journal of Cardiology</i> , 2014, 177, 554-556.	0.8	30
32	Eco-Friendly 1,3-Dipolar Cycloaddition Reactions on Graphene Quantum Dots in Natural Deep Eutectic Solvent. <i>Nanomaterials</i> , 2020, 10, 2549.	1.9	30
33	Cancer multidrug resistance-targeted therapy in both cancer and cardiovascular system with cardiovascular drugs. <i>International Journal of Cardiology</i> , 2014, 176, 1306-1308.	0.8	29
34	ST-segment elevation and diminution of prostate-specific antigen in a patient with coronary spasm and without significant coronary stenoses. <i>International Journal of Cardiology</i> , 2011, 148, e31-e33.	0.8	28
35	Encapsulation of monoamine neurotransmitters and trace amines by amphiphilic anionic calix[5]arene micelles. <i>New Journal of Chemistry</i> , 2014, 38, 5983-5990.	1.4	28
36	Tailored-BODIPY/Amphiphilic Cyclodextrin Nanoassemblies with PDT Effectiveness. <i>Langmuir</i> , 2018, 34, 8639-8651.	1.6	28

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37	Changing axis deviation, paroxysmal atrial fibrillation and elevation of prostate-specific antigen during acute myocardial infarction. <i>International Journal of Cardiology</i> , 2009, 137, e37-e40.	0.8	27
38	Paroxysmal ventricular tachycardia and paroxysmal atrial fibrillation associated with subclinical hyperthyroidism, chronic renal failure and elevation of prostate-specific antigen during acute myocardial infarction. <i>International Journal of Cardiology</i> , 2010, 138, e44-e46.	0.8	27
39	Role of the carbon defects in the catalytic oxygen reduction by graphite nanoparticles: a spectromagnetic, electrochemical and computational integrated approach. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 6021-6032.	1.3	27
40	Prostate-specific antigen and acute myocardial infarction: A possible new intriguing scenario. <i>International Journal of Cardiology</i> , 2009, 134, e147-e149.	0.8	26
41	Changing axis deviation and elevation of prostate-specific antigen during acute myocardial infarction. <i>International Journal of Cardiology</i> , 2009, 135, e4-e5.	0.8	24
42	Investigation on TG n-FinFET Parameters by Varying Channel Doping Concentration and Gate Length. <i>Silicon</i> , 2017, 9, 885-893.	1.8	24
43	Shaped-controlled silicon-doped hematite nanostructures for enhanced PEC water splitting. <i>Catalysis Today</i> , 2019, 328, 43-49.	2.2	24
44	Nonlinear Scattering and Absorption Effects in Size-Selected Diphenylpolyynes. <i>Journal of Physical Chemistry C</i> , 2014, 118, 28812-28819.	1.5	23
45	Self-assembly of amphiphilic anionic calix[4]arenes and encapsulation of poorly soluble naproxen and flurbiprofen. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6468-6473.	1.5	23
46	Prostate-specific antigen kallikrein and the heart. <i>World Journal of Cardiology</i> , 2009, 1, 23.	0.5	23
47	Dominance of charged excitons in single-quantum-dot photoluminescence spectra. <i>Physical Review B</i> , 2002, 66, .	1.1	22
48	Optical probing of sample heating in scanning near-field experiments with apertured probes. <i>Applied Physics Letters</i> , 2005, 86, 011102.	1.5	22
49	Electrospun C/GeO ₂ paper-like electrodes for flexible Li-ion batteries. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 28102-28112.	3.8	22
50	Are Electrospun Fibrous Membranes Relevant Electrode Materials for Li-ion Batteries? The Case of the C/Ge/GeO ₂ Composite Fibers. <i>Advanced Functional Materials</i> , 2018, 28, 1800938.	7.8	22
51	Numerical optimization of ultrathin CIGS solar cells with rear surface passivation. <i>Solar Energy</i> , 2021, 220, 590-597.	2.9	22
52	Photocatalytic degradation of methylene blue dye by porous zinc oxide nanofibers prepared via electrospinning: When defects become merits. <i>Applied Surface Science</i> , 2021, 557, 149830.	3.1	22
53	Wide angle near-field optical probes by reverse tube etching. <i>Ultramicroscopy</i> , 2006, 106, 475-479.	0.8	21
54	Paroxysmal atrial fibrillation during acute myocardial infarction associated with subclinical hyperthyroidism, severe three vessels coronary artery disease and elevation of prostate-specific antigen after TURP. <i>International Journal of Cardiology</i> , 2010, 138, e28-e30.	0.8	21

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55	Supramolecular hybrid assemblies based on gold nanoparticles, amphiphilic cyclodextrin and porphyrins with combined phototherapeutic action. RSC Advances, 2013, 3, 5607.	1.7	21
56	Removal of an intracardiac lost port-A catheter utilizing a simple low-cost method. International Journal of Cardiology, 2014, 176, 1309-1311.	0.8	21
57	Conduction processes in the layered semiconductor compound FePS ₃ . Physical Review B, 1990, 42, 1690-1695.	1.1	20
58	Stress analysis and lifetime estimation on power MOSFETs for automotive ABS systems. Power Electronics Specialist Conference (PESC), IEEE, 2008, , .	0.0	20
59	Amphiphilic Cyclodextrins as Capping Agents for Gold Colloids: A Spectroscopic Investigation with Perspectives in Photothermal Therapy. Journal of Physical Chemistry C, 2008, 112, 6764-6769.	1.5	20
60	Linear and circular dichroism in porphyrin J-aggregates probed by polarization modulated scanning near-field optical microscopy. Nanoscale, 2014, 6, 10874.	2.8	20
61	Electrical Characteristics of 8-nm SOI n-FinFETs. Silicon, 2016, 8, 497-503.	1.8	20
62	Microwave effects of UV light exposure of a GaN HEMT: Measurements and model extraction. Microelectronics Reliability, 2016, 65, 310-317.	0.9	20
63	Organic $\lambda/4$ cavities based on thermally evaporated TeO ₂ -LiF distributed Bragg reflectors. Applied Physics Letters, 2001, 79, 1381-1383.	1.5	19
64	Optical near-field Raman imaging with subdiffraction resolution. Applied Optics, 2003, 42, 2724.	2.1	19
65	Regulator of G-protein signaling 2 (RGS2) in cardiology and oncology. International Journal of Cardiology, 2015, 179, 63-65.	0.8	19
66	Are Electrospun Carbon/Metal Oxide Composite Fibers Relevant Electrode Materials for Li-Ion Batteries?. Journal of the Electrochemical Society, 2016, 163, A2930-A2937.	1.3	19
67	Sulfobutylether- β -cyclodextrin/5,10,15,20-tetrakis(1-methylpyridinium-4-yl)porphine nanoassemblies with sustained antimicrobial phototherapeutic action. International Journal of Pharmaceutics, 2020, 585, 119487.	2.6	19
68	Polymer heterostructures with embedded carbon nanotubes for efficient photovoltaic cells. Applied Surface Science, 2009, 255, 9877-9879.	3.1	18
69	Vertical coupled double organic microcavities. Applied Physics Letters, 2009, 95, 093303.	1.5	18
70	The effects of liquid environments on the optical properties of linear carbon chains prepared by laser ablation generated plasmas. Applied Surface Science, 2013, 272, 76-81.	3.1	18
71	Remarks of an Extensive Investigation on the Microwave HEMT Behavior Under Illumination. IEEE Microwave and Wireless Components Letters, 2014, 24, 102-104.	2.0	18
72	Transition Metal Oxides on Reduced Graphene Oxide Nanocomposites: Evaluation of Physicochemical Properties. Journal of Nanomaterials, 2019, 2019, 1-9.	1.5	18

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73	Structure, Defects, and Magnetism of Electrospun Hematite Nanofibers Silica-Coated by Atomic Layer Deposition. <i>Langmuir</i> , 2020, 36, 1305-1319.	1.6	18
74	High-Entropy Spinel Oxides Produced via Sol-Gel and Electrospinning and Their Evaluation as Anodes in Li-Ion Batteries. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5965.	1.3	18
75	The dielectric constant of TCNQ single crystals as deduced by reflection electron energy loss spectroscopy. <i>Journal of Materials Research</i> , 1993, 8, 2627-2633.	1.2	17
76	Control over the Optical and Morphological Properties of UV-Deposited Porphyrin Structures. <i>Chemistry of Materials</i> , 2006, 18, 5429-5436.	3.2	17
77	Real-time monitoring of the surface relief formation on azo-polymer films upon near-field excitation. <i>Journal of Microscopy</i> , 2008, 229, 307-312.	0.8	17
78	Development of High-Efficiency PERC Solar Cells Using Atlas Silvaco. <i>Silicon</i> , 2019, 11, 145-152.	1.8	17
79	Silicon-based organic-inorganic microcavity and its dispersion curve from angle-resolved photoluminescence. <i>Applied Physics Letters</i> , 1998, 72, 2571-2573.	1.5	16
80	Significant coronary artery disease associated with coronary artery aneurysm and elevation of prostate-specific antigen during acute myocardial infarction. <i>International Journal of Cardiology</i> , 2010, 141, e39-e42.	0.8	16
81	The chance finding of an atrial septal defect in a cancer patient. <i>International Journal of Cardiology</i> , 2014, 177, e68-e69.	0.8	16
82	Observation of tip-to-sample heat transfer in near-field optical microscopy using metal-coated fiber probes. <i>Applied Physics Letters</i> , 2005, 86, 203109.	1.5	15
83	Correlation between structural and electrical properties of PLD prepared ZnO thin films used as a photodetector material. <i>Applied Surface Science</i> , 2015, 359, 266-271.	3.1	15
84	Ultrastrong light-matter coupling in electroluminescent organic microcavities. <i>Applied Materials Today</i> , 2015, 1, 33-36.	2.3	15
85	Effect of calcium- and/or aluminum-incorporation on morphological, structural and photoluminescence properties of electro-spun zinc oxide fibers. <i>Materials Research Bulletin</i> , 2017, 92, 9-18.	2.7	15
86	Assessment of Super-Hydrophobic Textured Coatings on AA6082 Aluminum Alloy. <i>Coatings</i> , 2019, 9, 352.	1.2	15
87	Effects of Varying the Fin Width, Fin Height, Gate Dielectric Material, and Gate Length on the DC and RF Performance of a 14-nm SOI FinFET Structure. <i>Electronics (Switzerland)</i> , 2022, 11, 91.	1.8	15
88	Nanotechnology: A new era for photodetection?. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 610, 1-10.	0.7	14
89	Prostate-specific antigen levels in hypertensive patients suffering from a non-ST elevation myocardial infarction or a new-onset atrial fibrillation. <i>International Journal of Cardiology</i> , 2012, 158, 380-382.	0.8	14
90	Enhanced nonlinear optical response of linear carbon chain colloid mixed with silver nanoparticles. <i>Optics Communications</i> , 2012, 285, 2942-2946.	1.0	14

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91	Structural and optical properties of pulsed laser deposited ZnO thin films. <i>Current Applied Physics</i> , 2013, 13, 710-716.	1.1	14
92	An Accurate Experimental Investigation of an Optical Sensing Microwave Amplifier. <i>IEEE Sensors Journal</i> , 2018, 18, 9214-9221.	2.4	14
93	Optical properties from reflection electron energy loss spectroscopy. <i>Thin Solid Films</i> , 1992, 207, 313-318.	0.8	13
94	Error-affected experimental data analysis: application to fitting procedures. <i>Measurement Science and Technology</i> , 1990, 1, 1007-1010.	1.4	12
95	Polarized emission from high quality microcavity based on active organic layered domains. <i>Applied Physics Letters</i> , 2008, 93, 193302.	1.5	12
96	Insights into cardio-oncology: The patient's heavy cancer journey among doubts, controversies and pitfalls. The role of the cardiologist. <i>International Journal of Cardiology</i> , 2015, 178, 175-177.	0.8	12
97	Reliability Assessment of Power MOSFETs Working in Avalanche Mode Based on a Thermal Strain Direct Measurement Approach. <i>IEEE Transactions on Industry Applications</i> , 2016, 52, 1688-1697.	3.3	12
98	Capacitive properties of the hydrophobic [2-(methacryloyloxy)ethyl]-trimethyl ammonium nonafluoro-1-butananesulfonate poly(ionic liquid) thin film. <i>Ionics</i> , 2017, 23, 1481-1487.	1.2	12
99	Sub-Micron Scale Optical Read/Write/Erase on Azo-Polymethacrylate Thin Films by Scanning Near-Field Optical Microscopy. <i>Molecular Crystals and Liquid Crystals</i> , 2003, 398, 33-43.	0.4	11
100	Noncontact tuning fork position sensing for hollow-pyramid near-field cantilevered probes. <i>Applied Physics Letters</i> , 2006, 89, 163108.	1.5	11
101	Origin of giant polarization splitting in high quality organic microcavities. <i>Journal of Applied Physics</i> , 2009, 106, 033102.	1.1	11
102	Pure optical nano-writing on light- switchable spiropyrans/merocyanine thin film. <i>Optics Express</i> , 2014, 22, 283.	1.7	11
103	Synthesis, CO ₂ sorption and capacitive properties of novel protic poly(ionic liquid)s. <i>Journal of Molecular Liquids</i> , 2017, 241, 222-230.	2.3	11
104	Synergistic Effects of Active Sites [™] Nature and Hydrophilicity on the Oxygen Reduction Reaction Activity of Pt-Free Catalysts. <i>Nanomaterials</i> , 2018, 8, 643.	1.9	11
105	Light Exposure Effects on the DC Kink of AlGaIn/GaN HEMTs. <i>Electronics (Switzerland)</i> , 2019, 8, 698.	1.8	11
106	Near-field imaging of surface-plasmon vortex-modes around a single elliptical nanohole in a gold film. <i>Scientific Reports</i> , 2019, 9, 5320.	1.6	11
107	3-D Simulation of Nanoscale SOI n-FinFET at a Gate Length of 8 nm Using ATLAS SILVACO. <i>Transactions on Electrical and Electronic Materials</i> , 2015, 16, 156-161.	1.0	11
108	Insights into cardio-oncology: Polypharmacology of quinazoline-based β_1 -adrenoceptor antagonists. <i>World Journal of Cardiology</i> , 2015, 7, 238.	0.5	11

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109	Effect of Chemical Surface Texturing on the Superhydrophobic Behavior of Micro-Nano-Roughened AA6082 Surfaces. <i>Materials</i> , 2021, 14, 7161.	1.3	11
110	Morphology and optical characterization of organic semiconductor microwires based on tetracyanoquinodimethane. <i>Materials Letters</i> , 2006, 60, 2171-2174.	1.3	10
111	Regulator of G-protein signaling 6 (RGS6) in cardiology and oncology. <i>International Journal of Cardiology</i> , 2015, 187, 99-102.	0.8	10
112	Effect of Hematite Doping with Aliovalent Impurities on the Electrochemical Performance of $\text{Fe}_2\text{O}_3/\text{rGO}$ -Based Anodes in Sodium-Ion Batteries. <i>Nanomaterials</i> , 2020, 10, 1588.	1.9	10
113	A versatile multipurpose scanning probe microscope. <i>Journal of Microscopy</i> , 2003, 210, 262-268.	0.8	9
114	Reliability of planar, Super-Junction and trench low voltage power MOSFETs. <i>Microelectronics Reliability</i> , 2010, 50, 1789-1795.	0.9	9
115	A massive pericardial effusion in a cancer patient. <i>International Journal of Cardiology</i> , 2015, 181, 138-140.	0.8	9
116	3D Investigation of 8-nm Tapered n-FinFET Model. <i>Silicon</i> , 2020, 12, 1585-1591.	1.8	9
117	Photocatalytic Degradation of Methylene Blue Dye by Electrospun Binary and Ternary Zinc and Titanium Oxide Nanofibers. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9720.	1.3	9
118	Electrical and Optical Investigation of 2T Perovskite/ μ -CIGS Tandem Solar Cells With ~30% Efficiency. <i>IEEE Transactions on Electron Devices</i> , 2022, 69, 3798-3806.	1.6	9
119	Effect of Ti- or Si-doping on nanostructure and photo-electro-chemical activity of electro-spun iron oxide fibres. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 28070-28081.	3.8	8
120	Electrical Characterization of n-ZnO/c-Si 2D Heterojunction Solar Cell by Using TCAD Tools. <i>Silicon</i> , 2018, 10, 2193-2199.	1.8	8
121	Design, Optimization and Characterisation of IBC c-Si (n) Solar Cell. <i>Silicon</i> , 2020, 12, 365-372.	1.8	8
122	Influence of Magnetic Micelles on Assembly and Deposition of Porphyrin J-Aggregates. <i>Nanomaterials</i> , 2020, 10, 187.	1.9	8
123	Study of a new organic semiconductor based on TCNQ and of its junction with doped silicon (TCNQ =) <i>Tj ETQq1 1 0.784314 rgBT /Overl</i> Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1998, 20, 907-913.	0.4	7
124	Organic microcavities based on thermally evaporated TeO _x -LiF dielectric mirrors. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002, 13, 451-454.	1.3	7
125	Near-field Raman imaging of morphological and chemical defects in organic crystals with subdiffraction resolution. <i>Journal of Microscopy</i> , 2003, 209, 228-235.	0.8	7
126	Photoluminescence from organic-inorganic multilayers based on sol-gel derived titania. <i>Journal of Non-Crystalline Solids</i> , 2003, 331, 263-268.	1.5	7

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127	Novel PEGylated calix[5]arenes as carriers for Rose Bengal. <i>Supramolecular Chemistry</i> , 2018, 30, 658-663.	1.5	7
128	Ring/Chain Morphology Control in Overall Neutral, Internally Ion-Paired Supramolecular Polymers. <i>Chemistry - A European Journal</i> , 2018, 24, 1097-1103.	1.7	7
129	Stimuli-Responsive Internally Ion-Paired Supramolecular Polymer Based on a Bis-pillar[5]arene Dicarboxylic Acid Monomer. <i>Journal of Organic Chemistry</i> , 2021, 86, 1676-1684.	1.7	7
130	Prostate-specific antigen kallikrein complexes and acute myocardial infarction. <i>International Journal of Cardiology</i> , 2010, 145, 227-228.	0.8	6
131	Synthesis and characterization of Fe ₂ O ₃ /reduced graphene oxide nanocomposite as a high-performance anode material for sodium-ion batteries. <i>Modelling, Measurement and Control B: Solid and Fluid Mechanics and Thermics, Mechanical Systems</i> , 2018, 87, 129-134.	0.4	6
132	Optical and electronic properties of Ag- and Cu-TCNQ in polymeric matrix. <i>Surface and Interface Analysis</i> , 1994, 22, 511-514.	0.8	5
133	Investigation of heating effects in near-field experiments with luminescent organic semiconductors. <i>Synthetic Metals</i> , 2004, 147, 165-169.	2.1	5
134	Photoluminescence of photonic polaritons. <i>Physical Review B</i> , 2010, 81, .	1.1	5
135	Interplay of structural and magnetic nanoscale phase separation in layered cobaltites. <i>Physical Review B</i> , 2015, 92, .	1.1	5
136	Investigation of the Aggregation Properties of a Chiral Porphyrin Bearing Citronellal Meso Substituent Groups. <i>Chirality</i> , 2015, 27, 900-906.	1.3	5
137	Near-Field Optical Detection of Plasmon Resonance from Gold Nanoparticles: Theoretical and Experimental Evidence. <i>Plasmonics</i> , 2015, 10, 63-70.	1.8	5
138	Near-Field Raman Spectroscopy and Imaging. <i>Nanoscience and Technology</i> , 2007, , 287-329.	1.5	5
139	Temperature Dependence of Electrical Parameters of Silicon-on-Insulator Triple Gate n-Channel Fin Field Effect Transistor. <i>Transactions on Electrical and Electronic Materials</i> , 2016, 17, 329-334.	1.0	5
140	Photoluminescence from a soluble semiconducting polymer in waveguide and microcavity configurations. <i>Applied Surface Science</i> , 1999, 142, 603-607.	3.1	4
141	Near-field spectroscopy of phase segregation in white-light-emitting blends based on low-mass molecules. <i>Applied Physics Letters</i> , 2005, 86, 081907.	1.5	4
142	Interference with coupled microcavities: Optical analog of spin rotations. <i>Physical Review B</i> , 2011, 84, .	1.1	4
143	Designing light emission with multiple organic based microcavities. <i>Thin Solid Films</i> , 2014, 564, 401-405.	0.8	4
144	Study of the thermomechanical strain induced by current pulses in SiC-based Power MOSFET.. <i>IEEE Electron Device Letters</i> , 2021, , 1-1.	2.2	4

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145	On the plasmon-assisted detection of a 1585 cm^{-1} mode in the 532 nm Raman spectra of crystalline Fe_2O_3 /polycrystalline NiO core/shell nanofibers. Applied Physics Letters, 2021, 118, .	1.5	4
146	Numerical Investigation of Perovskite and u-CIGS Based Tandem Solar Cells Using Silvaco TCAD Simulation. Silicon, 2023, 15, 293-303.	1.8	4
147	Investigation of the novel charge transfer complex Cd-TCNQ. Journal of Materials Research, 1997, 12, 1693-1697.	1.2	3
148	Spectroscopic study of Na $^+$ TCNQ in a poly(ethylene oxide) matrix (TCNQ = 7, 7 μm , 8, and 8 μm) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.2	3
149	Preparation, characterization, and micropatterning of laser-dye-doped sol-gel films. Journal of Materials Research, 2002, 17, 2095-2098.	1.2	3
150	Sol-Gel Glass from Organic Modified Silicates for Optics Applications. Journal of Sol-Gel Science and Technology, 2003, 26, 1017-1021.	1.1	3
151	Polarization-maintaining near-field optical probes. Journal of Microscopy, 2008, 229, 377-383.	0.8	3
152	Improving ICs reliability with high speed thermal mapping. The Integration VLSI Journal, 2018, 63, 342-350.	1.3	3
153	Surface Plasmons in Silicon Nanowires. Advanced Photonics Research, 2021, 2, 2100130.	1.7	3
154	Thermal simulation of a 7kW interleaved module for fast automotive charger. , 2021, , .		3
155	Electron spectroscopy on the charge transfer complex [(7-amino-2,4 dimethyl-1,8 naphthyridine) (TCNQ)] (TCNQ = 7,7',8,8'-tetracyanoquinodimethane). Journal of Materials Research, 1994, 9, 2706-2711.	1.2	2
156	Synthesis and optical characterization of stable and highly luminescent poly-(9-vinylcarbazole)-aluminum-tris-(8-hydroxyquinoline) blends. Journal of Materials Research, 1999, 14, 2640-2643.	1.2	2
157	Optical Properties of Laser-dye-doped Polyvinylcarbazole Films Coated with Polycarbonate. Journal of Materials Research, 2002, 17, 1490-1494.	1.2	2
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