Giuseppe Gigli

List of Publications by Year in Descending Order

368 papers	12,130 citations	59 h-index	91 g-index
391 ext. papers	13,516 ext. citations	7.7 avg, IF	6.26 L-index

#	Paper	IF	Citations
368	Co-loading of doxorubicin and iron oxide nanocubes in polycaprolactone fibers for combining Magneto-Thermal and chemotherapeutic effects on cancer cells. *Journal of Colloid and Interface Science*, **2022**, 607, 34-44	9.3	3
367	Colloidal Bismuth Chalcohalide Nanocrystals.. *Angewandte Chemie - International Edition*, **2022**,	16.4	2
366	Low-cost gel polymeric electrolytes for electrochromic applications. *Solar Energy Materials and Solar Cells*, **2022**, 111657	6.4	1
365	Spontaneous Coassembly of the Protein Terthiophene into Fluorescent Electroactive Microfibers in 2D and 3D Cell Cultures.. *ACS Omega*, **2022**, 7, 12624-12636	3.9	
364	Towards the scale-up of solid-state, low-emissive electrochromic films, fabricated on a single substrate with novel electrolyte formulations. *Solar Energy Materials and Solar Cells*, **2022**, 241, 111760	6.4	0
363	A pH-sensor scaffold for mapping spatiotemporal gradients in three-dimensional in vitro tumour models. *Biosensors and Bioelectronics*, **2022**, 212, 114401	11.8	0
362	Neurovascular signals in amyotrophic lateral sclerosis. *Current Opinion in Biotechnology*, **2021**, 74, 75-83	11.4	0
361	Shaping the topology of light with a moving Rabi-oscillating vortex. *Optics Express*, **2021**, 29, 37262-37280	3.3	0
360	Managing Growth and Dimensionality of Quasi 2D Perovskite Single-Crystalline Flakes for Tunable Excitons Orientation. *Advanced Materials*, **2021**, 33, e2102326	24	7
359	Tuning of the Berry curvature in 2D perovskite polaritons. *Nature Nanotechnology*, **2021**,	28.7	7
358	Pseudocapacitive behaviour in sol-gel derived electrochromic titania nanostructures. *Nanotechnology*, **2021**, 32, 045703	3.4	3
357	Optical and magnetic resonance imaging approaches for investigating the tumour microenvironment: state-of-the-art review and future trends. *Nanotechnology*, **2021**, 32, 062001	3.4	8
356	A microfabricated multi-compartment device for neuron and Schwann cell differentiation. *Scientific Reports*, **2021**, 11, 7019	4.9	2
355	Lipid-polymer hybrid nanoparticles in cancer therapy: current overview and future directions. *Nano Express*, **2021**, 2, 012006	2	7
354	Implication of polymeric template agent on the formation process of hybrid halide perovskite film. *Nanotechnology*, **2021**,	3.4	5
353	Nano-encapsulation of hydroxytyrosol into formulated nanogels improves therapeutic effects against hepatic steatosis: An in vitro study. *Materials Science and Engineering C*, **2021**, 124, 112080	8.3	7
352	Processable Thiophene-Based Polymers with Tailored Electronic Properties and their Application in Solid-State Electrochromic Devices Using Nanoparticle Films. *Advanced Electronic Materials*, **2021**, 7, 2100166	6.4	1

351	Methylammonium-formamidinium reactivity in aged organometal halide perovskite inks. *Cell Reports Physical Science*, **2021**, 2, 100432	6.1	4
350	Inclusion of 2D Transition Metal Dichalcogenides in Perovskite Inks and Their Influence on Solar Cell Performance. *Nanomaterials*, **2021**, 11,	5.4	3
349	Light-Emitting Textiles: Device Architectures, Working Principles, and Applications. *Micromachines*, **2021**, 12,	3.3	5
348	Highly Sensitive Fluorescent pH Microsensors Based on the Ratiometric Dye Pyranine Immobilized on Silica Microparticles. *Chemistry - A European Journal*, **2021**, 27, 13318-13324	4.8	3
347	Electronic transport, ionic activation energy and trapping phenomena in a polymer-hybrid halide perovskite composite. *Journal of Science: Advanced Materials and Devices*, **2021**, 6, 543-543	4.2	2
346	Dynamics of a Vortex Lattice in an Expanding Polariton Quantum Fluid. *Physical Review Letters*, **2021**, 127, 047401	7.4	0
345	Origin of Tetrahydrocannabinol Impurity in Synthetic Cannabidiol. *Cannabis and Cannabinoid Research*, **2021**, 6, 28-39	4.6	6
344	Flexible distributed Bragg reflectors as optical outcouplers for OLEDs based on a polymeric anode. *Journal of Information Display*, **2021**, 22, 39-47	4.1	3
343	Capsid-like biodegradable poly-glycolic acid nanoparticles for a long-time release of nucleic acid molecules. *Materials Advances*, **2021**, 2, 310-321	3.3	2
342	Full-Bloch beams and ultrafast Rabi-rotating vortices. *Physical Review Research*, **2021**, 3,	3.9	6
341	Recent advances in the design of inorganic and nano-clay particles for the treatment of brain disorders. *Journal of Materials Chemistry B*, **2021**, 9, 2756-2784	7.3	9
340	The Revolutionary Roads to Study Cell-Cell Interactions in 3D In Vitro Pancreatic Cancer Models. *Cancers*, **2021**, 13,	6.6	8
339	Improved Photostability in Fluorinated 2D Perovskite Single Crystals. *Nanomaterials*, **2021**, 11,	5.4	1
338	Erythrocytes and Nanoparticles: New Therapeutic Systems. *Applied Sciences (Switzerland)*, **2021**, 11, 2173	2.6	5
337	Preparation and Characterization of Salt-Mediated Injectable Thermosensitive Chitosan/Pectin Hydrogels for Cell Embedding and Culturing. *Polymers*, **2021**, 13,	4.5	4
336	HPLC-UV-HRMS analysis of cannabigerovarin and cannabigerobutol, the two impurities of cannabigerol extracted from hemp. *Journal of Pharmaceutical and Biomedical Analysis*, **2021**, 203, 114215	3.5	2
335	Control of Electron Transfer Processes in Multidimensional Arylamine-Based Mixed-Valence Compounds by Molecular Backbone Design. *Journal of Physical Chemistry A*, **2021**, 125, 7840-7851	2.8	2
334	Oxidative Stress and Multi-Organel Damage Induced by Two Novel Phytocannabinoids, CBDB and CBDP, in Breast Cancer Cells. *Molecules*, **2021**, 26,	4.8	1

333	HALLOYSITE-BASED NANOSYSTEMS FOR BIOMEDICAL APPLICATIONS. *Clays and Clay Minerals*, **2021**, 1	2.1	2
332	Electrospun polyvinyl-alcohol/gum arabic nanofibers: Biomimetic platform for in vitro cell growth and cancer nanomedicine delivery. *International Journal of Biological Macromolecules*, **2021**, 188, 764-773	7.9	6
331	A thermo-sensitive chitosan/pectin hydrogel for long-term tumor spheroid culture. *Carbohydrate Polymers*, **2021**, 274, 118633	10.3	6
330	The novel heptyl phorolic acid cannabinoids content in different Cannabis sativa L. accessions. *Talanta*, **2021**, 235, 122704	6.2	2
329	Thermosensitive chitosan-based hydrogels supporting motor neuron-like NSC-34 cell differentiation. *Biomaterials Science*, **2021**, 9, 7492-7503	7.4	2
328	Identification of a new cannabidiol n-hexyl homolog in a medicinal cannabis variety with an antinociceptive activity in mice: cannabidihexol. *Scientific Reports*, **2020**, 10, 22019	4.9	18
327	Observation of Two Thresholds Leading to Polariton Condensation in 2D Hybrid Perovskites. *Advanced Optical Materials*, **2020**, 8, 2000176	8.1	14
326	Fluorescent nanoparticles for sensing. *Frontiers of Nanoscience*, **2020**, 16, 117-149	0.7	5
325	Quantum hydrodynamics of a single particle. *Light: Science and Applications*, **2020**, 9, 85	16.7	3
324	Simple Processing Additive-Driven 20% Efficiency for Inverted Planar Heterojunction Perovskite Solar Cells. *ACS Applied Materials & Interfaces*, **2020**, 12, 18431-18436	9.5	8
323	Polaritonic Neuromorphic Computing Outperforms Linear Classifiers. *Nano Letters*, **2020**, 20, 3506-3512	11.5	26
322	Arylamino-fluorene derivatives: Optically induced electron transfer investigation, redox-controlled modulation of absorption and fluorescence. *Dyes and Pigments*, **2020**, 177, 108325	4.6	8
321	Probing the pH Microenvironment of Mesenchymal Stromal Cell Cultures on Additive-Manufactured Scaffolds. *Small*, **2020**, 16, e2002258	11	7
320	Directional Goldstone waves in polariton condensates close to equilibrium. *Nature Communications*, **2020**, 11, 217	17.4	8
319	X-ray phase contrast tomography for the investigation of amyotrophic lateral sclerosis. *Journal of Synchrotron Radiation*, **2020**, 27, 1042-1048	2.4	3
318	Simplified All-Solid-State WO3 Based Electrochromic Devices on Single Substrate: Toward Large Area, Low Voltage, High Contrast, and Fast Switching Dynamics. *Advanced Materials Interfaces*, **2020**, 7, 1901663	4.6	14
317	Isolation of a High-Affinity Cannabinoid for the Human CB1 Receptor from a Medicinal Variety: Tetrahydrocannabutol, the Butyl Homologue of Tetrahydrocannabinol. *Journal of Natural Products*, **2020**, 83, 88-98	4.9	30
316	Highly Efficient All-Solid-State WO3-Perovskite Photovoltachromic Cells for Single-Glass Smart Windows. *ACS Applied Energy Materials*, **2020**, 3, 10453-10462	6.1	12

315	Development of Injectable Thermosensitive Chitosan-Based Hydrogels for Cell Encapsulation. *Applied Sciences (Switzerland)*, **2020**, 10, 6550	2.6	7
314	A synergic approach to enhance long-term culture and manipulation of MiaPaCa-2 pancreatic cancer spheroids. *Scientific Reports*, **2020**, 10, 10192	4.9	12
313	X-ray Phase Contrast Tomography Serves Preclinical Investigation of Neurodegenerative Diseases. *Frontiers in Neuroscience*, **2020**, 14, 584161	5.1	3
312	Lipid-Based Nanovesicles for Simultaneous Intracellular Delivery of Hydrophobic, Hydrophilic, and Amphiphilic Species. *Frontiers in Bioengineering and Biotechnology*, **2020**, 8, 690	5.8	6
311	Highly Reflective Periodic Nanostructure Based on Thermal Evaporated Tungsten Oxide and Calcium Fluoride for Advanced Photonic Applications. *ACS Applied Nano Materials*, **2020**, 3, 10978-10985	5.6	2
310	pH Monitoring: Probing the pH Microenvironment of Mesenchymal Stromal Cell Cultures on Additive-Manufactured Scaffolds (Small 34/2020). *Small*, **2020**, 16, 2070187	11	
309	Electrospun nanofibers in cancer research: from engineering of in vitro 3D cancer models to therapy. *Biomaterials Science*, **2020**, 8, 4887-4905	7.4	25
308	Pitfalls in the analysis of phytocannabinoids in cannabis inflorescence. *Analytical and Bioanalytical Chemistry*, **2020**, 412, 4009-4022	4.4	28
307	Quantum Nature of Light in Nonstoichiometric Bulk Perovskites. *ACS Nano*, **2019**, 13, 10711-10716	16.7	2
306	Chemical and spectroscopic characterization data of 'cannabidibutol', a novel cannabidiol butyl analog. *Data in Brief*, **2019**, 26, 104463	1.2	12
305	Nanostructuring Iridium Complexes into Crystalline Phosphorescent Nanoparticles: Structural Characterization, Photophysics, and Biological Applications.. *ACS Applied Bio Materials*, **2019**, 2, 4594-4603	4.1	3
304	Tailoring of the self-assembled structures and optical waveguide behaviour of arylaminofluorenone derivatives. *Dyes and Pigments*, **2019**, 171, 107780	4.6	2
303	Processing Techniques **2019**, 37-93		
302	Two-dimensional hybrid perovskites sustaining strong polariton interactions at room temperature. *Science Advances*, **2019**, 5, eaav9967	14.3	59
301	Josephson vortices induced by phase twisting a polariton superfluid. *Nature Photonics*, **2019**, 13, 488-493	33.9	9
300	Thermodynamically versus Kinetically Controlled Self-Assembly of a Naphthalenediimide-Thiophene Derivative: From Crystalline, Fluorescent, n-Type Semiconducting 1D Needles to Nanofibers. *ACS Applied Materials & Interfaces*, **2019**, 11, 16864-16871	9.5	14
299	High-Performance Electrofluorochromic Switching Devices Using a Novel Arylamine-Fluorene Redox-Active Fluorophore. *ACS Applied Materials & Interfaces*, **2019**, 11, 12202-12208	9.5	23
298	Enantiopure polythiophene nanoparticles. Chirality dependence of cellular uptake, intracellular distribution and antimicrobial activity.. *RSC Advances*, **2019**, 9, 23036-23044	3.7	10

297	Analysis of impurities of cannabidiol from hemp. Isolation, characterization and synthesis of cannabidibutol, the novel cannabidiol butyl analog. *Journal of Pharmaceutical and Biomedical Analysis*, **2019**, 175, 112752	3.5	37
296	Self-Trapping of Exciton-Polariton Condensates in GaAs Microcavities. *Physical Review Letters*, **2019** , 123, 047401	7.4	6
295	A novel phytocannabinoid isolated from Cannabis sativa L. with an in vivo cannabimimetic activity higher than Δ-tetrahydrocannabinol: Δ-Tetrahydrocannabiphorol. *Scientific Reports*, **2019**, 9, 20335	4.9	87
294	Novel synthesis of platinum complexes and their intracellular delivery to tumor cells by means of magnetic nanoparticles. *Nanoscale*, **2019**, 11, 23482-23497	7.7	17
293	Towards the development of human immune-system-on-a-chip platforms. *Drug Discovery Today*, **2019**, 24, 517-525	8.8	54
292	First observation of the quantized exciton-polariton field and effect of interactions on a single polariton. *Science Advances*, **2018**, 4, eaao6814	14.3	34
291	Interactions and scattering of quantum vortices in a polariton fluid. *Nature Communications*, **2018**, 9, 1467	17.4	28
290	Advanced processing and characterization of Nafion electrolyte films for solid-state electrochromic devices fabricated at room temperature on single substrate. *Solid State Ionics*, **2018**, 317, 46-52	3.3	21
289	Superluminal X-waves in a polariton quantum fluid. *Light: Science and Applications*, **2018**, 7, 17119	16.7	15
288	Ultrastrong Plasmon-Exciton Coupling by Dynamic Molecular Aggregation. *ACS Photonics*, **2018**, 5, 143-150	6.3	38
287	Colorless to All-Black Full-NIR High-Contrast Switching in Solid Electrochromic Films Prepared with Organic Mixed Valence Systems Based on Dibenzofulvene Derivatives. *Chemistry of Materials*, **2018**, 30, 5610-5620	9.6	37
286	Mid-Infrared Plasmonic Excitation in Indium Tin Oxide Microhole Arrays. *ACS Photonics*, **2018**, 5, 2431-2436	6.3	16
285	Fully integrated electrochromic-OLED devices for highly transparent smart glasses. *Journal of Materials Chemistry C*, **2018**, 6, 7274-7284	7.1	21
284	Topological order and thermal equilibrium in polariton condensates. *Nature Materials*, **2018**, 17, 145-151	27	51
283	Controlling the Functional Properties of Oligothiophene Crystalline Nano/Microfibers via Tailoring of the Self-Assembling Molecular Precursors. *Advanced Functional Materials*, **2018**, 28, 1801946	15.6	17
282	Emerging Technologies for Cancer Research: Towards Personalized Medicine with Microfluidic Platforms and 3D Tumor Models. *Current Medicinal Chemistry*, **2018**, 25, 4616-4637	4.3	16
281	Polymeric rheology modifier allows single-step coating of perovskite ink for highly efficient and stable solar cells. *Nano Energy*, **2018**, 54, 400-408	17.1	36
280	Ultra-Bright Near-Infrared Perovskite Light-Emitting Diodes with Reduced Efficiency Roll-off. *Scientific Reports*, **2018**, 8, 15496	4.9	33

279	Deployment and exploitation of nanotechnology nanomaterials and nanomedicine **2018**,		23
278	Tunable Out-of-Plane Excitons in 2D Single-Crystal Perovskites. *ACS Photonics*, **2018**, 5, 4179-4185	6.3	44
277	Energy savings due to building integration of innovative solid-state electrochromic devices. *Applied Energy*, **2018**, 225, 975-985	10.7	40
276	Bright Polariton Coumarin-Based OLEDs Operating in the Ultrastrong Coupling Regime. *Advanced Optical Materials*, **2018**, 6, 1800364	8.1	31
275	Quantum-Confined and Enhanced Optical Absorption of Colloidal PbS Quantum Dots at Wavelengths with Expected Bulk Behavior. *Nano Letters*, **2017**, 17, 1248-1254	11.5	32
274	High-speed flow of interacting organic polaritons. *Light: Science and Applications*, **2017**, 6, e16212	16.7	62
273	GO/PEDOT:PSS nanocomposites: effect of different dispersing agents on rheological, thermal, wettability and electrochemical properties. *Nanotechnology*, **2017**, 28, 174001	3.4	11
272	Effects of donor position on dibenzofulvene-based organic dyes for photovoltaics. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 8694-8707	2.1	3
271	Organic Gelators as Growth Control Agents for Stable and Reproducible Hybrid Perovskite-Based Solar Cells. *Advanced Energy Materials*, **2017**, 7, 1602600	21.8	65
270	Human Hepatocarcinoma Cell Targeting by Glypican-3 Ligand Peptide Functionalized Silica Nanoparticles: Implications for Ultrasound Molecular Imaging. *Langmuir*, **2017**, 33, 4490-4499	4	12
269	An ion conductive polysiloxane as effective gel electrolyte for long stable dye solar cells. *Journal of Power Sources*, **2017**, 356, 191-199	8.9	11
268	Single crystal mesoporous ZnO platelets as efficient photoanodes for sensitized solar cells. *Solar Energy Materials and Solar Cells*, **2017**, 168, 227-233	6.4	14
267	Large area self-powered semitransparent trifunctional device combining photovoltaic energy production, lighting and dynamic shading control. *Solar Energy Materials and Solar Cells*, **2017**, 160, 435-443	6.4	15
266	In-plane cost-effective magnetically actuated valve for microfluidic applications. *Smart Materials and Structures*, **2017**, 26, 045033	3.4	10
265	Therapeutic PCL scaffold for reparation of resected osteosarcoma defect. *Scientific Reports*, **2017**, 7, 12672	4.9	34
264	Thermally evaporated hybrid perovskite for hetero-structured green light-emitting diodes. *Applied Physics Letters*, **2017**, 111, 163301	3.4	14
263	Multilayered Magnetic Nanobeads for the Delivery of Peptides Molecules Triggered by Intracellular Proteases. *ACS Applied Materials & Interfaces*, **2017**, 9, 35095-35104	9.5	6
262	Macroscopic Two-Dimensional Polariton Condensates. *Physical Review Letters*, **2017**, 118, 215301	7.4	32

261	Room-temperature superfluidity in a polariton condensate. *Nature Physics*, **2017**, 13, 837-841	16.2	163
260	Rational Design of Molecular Hole-Transporting Materials for Perovskite Solar Cells: Direct versus Inverted Device Configurations. *ACS Applied Materials & Interfaces*, **2017**, 9, 24778-24787	9.5	59
259	Poly(lactide-co-glycolide) nanoparticles embedded in a micropatterned collagen scaffold for neuronal tissue regeneration. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2017**, 66, 359-368	3	6
258	Bloch Surface Waves for MoS2 Emission Coupling and Polariton Systems. *Applied Sciences (Switzerland)*, **2017**, 7, 1217	2.6	6
257	Photoinduced processes in macrocyclic isoalloxazine–anthracene systems. *Journal of Photochemistry and Photobiology A: Chemistry*, **2016**, 314, 189-197	4.7	1
256	Twofold Self-Assembling of Nanocrystals Into Nanocomposite Polymer. *IEEE Journal of Selected Topics in Quantum Electronics*, **2016**, 22, 1-7	3.8	4
255	Improving the Property–Function Tuning Range of Thiophene Materials via Facile Synthesis of Oligo/Polythiophene-S-Oxides and Mixed Oligo/Polythiophene-S-Oxides/Oligo/Polythiophene-S,S-Dioxides. *Advanced Functional Materials*, **2016**, 26, 6970-6984	15.6	23
254	Room temperature processing for solid-state electrochromic devices on single substrate: From glass to flexible plastic. *Solar Energy Materials and Solar Cells*, **2016**, 155, 411-420	6.4	27
253	Forthcoming perspectives of photoelectrochromic devices: a critical review. *Energy and Environmental Science*, **2016**, 9, 2682-2719	35.4	103
252	The Bright Side of Perovskites. *Journal of Physical Chemistry Letters*, **2016**, 7, 4322-4334	6.4	100
251	Nanoscale Study of the Tarnishing Process in Electron Beam Lithography-Fabricated Silver Nanoparticles for Plasmonic Applications. *Journal of Physical Chemistry C*, **2016**, 120, 24314-24323	3.8	38
250	Modifications of an unsymmetrical phthalocyanine: Towards stable blue dyes for dye-sensitized solar cells. *Journal of Porphyrins and Phthalocyanines*, **2016**, 20, 1207-1216	1.8	3
249	Charge Carrier Generation and Extraction in Hybrid Polymer/Quantum Dot Solar Cells. *Journal of Physical Chemistry C*, **2016**, 120, 14356-14364	3.8	3
248	Exploiting Photo- and Electroluminescence Properties of FIrpic Organic Crystals. *Inorganic Chemistry*, **2016**, 55, 6532-8	5.1	5
247	[1]Benzothieno[3,2-b]benzothiophene-Based Organic Dyes for Dye-Sensitized Solar Cells. *Journal of Organic Chemistry*, **2016**, 81, 3235-45	4.2	42
246	UV Reduced Graphene Oxide PEDOT:PSS Nanocomposite for Perovskite Solar Cells. *IEEE Nanotechnology Magazine*, **2016**, 15, 725-730	2.6	18
245	Synthesis and characterization of a new series of dibenzofulvene based organic dyes for DSSCs. *Dyes and Pigments*, **2016**, 130, 79-89	4.6	18
244	Metal–organic green dye: chemical and physical insight into a modified Zn-benzoporphyrin for dye-sensitized solar cells. *RSC Advances*, **2016**, 6, 5123-5133	3.7	10

243	Chromogenic device for cystic fibrosis precocious diagnosis: A point of care tool for sweat test. *Sensors and Actuators B: Chemical*, **2016**, 225, 474-480	8.5	14
242	Automatic Echographic Detection of Halloysite Clay Nanotubes in a Low Concentration Range. *Nanomaterials*, **2016**, 6,	5.4	4
241	In Vitro Cytotoxicity of Halloysite Clay Nanotubes is Effectively Prevented by Surface Coating with PEG **2016**,		1
240	The Dynamic Organic/Inorganic Interface of Colloidal PbS Quantum Dots. *Angewandte Chemie*, **2016**, 128, 6740-6745	3.6	2
239	The Dynamic Organic/Inorganic Interface of Colloidal PbS Quantum Dots. *Angewandte Chemie - International Edition*, **2016**, 55, 6628-33	16.4	43
238	Fully Vapor-Deposited Heterostructured Light-Emitting Diode Based on Organo-Metal Halide Perovskite. *Advanced Electronic Materials*, **2016**, 2, 1500325	6.4	32
237	Twist of generalized skyrmions and spin vortices in a polariton superfluid. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 14926-14931	11.5	32
236	Toward Cavity Quantum Electrodynamics with Hybrid Photon Gap-Plasmon States. *ACS Nano*, **2016**, 10, 11360-11368	16.7	47
235	Analytical and preparative enantioseparation and main chiroptical properties of Iridium(III) bis(4,6-difluorophenylpyridinato)picolinato. *Journal of Chromatography A*, **2016**, 1467, 335-346	4.5	27
234	Surface Coating Highly Improves Cytocompatibility of Halloysite Nanotubes: A Metabolic and Ultrastructural Study. *IEEE Nanotechnology Magazine*, **2016**, 15, 770-774	2.6	14
233	Molecular engineering of largely extended metal-free sensitizers containing benzothiadiazole units: Approaching 10% efficiency dye-sensitized solar cells using iodine-based electrolytes. *Dyes and Pigments*, **2016**, 131, 282-292	4.6	11
232	Free-standing micropatternable nanocomposites as efficient colour converting filters for light emitting devices. *Journal of Materials Chemistry C*, **2016**, 4, 5001-5009	7.1	5
231	A series of diphenylamine-fluorenone derivatives as potential fluorescent probes for neuroblastoma cell staining. *Tetrahedron*, **2016**, 72, 2920-2928	2.4	13
230	Engineering TiO2/Perovskite Planar Heterojunction for Hysteresis-Less Solar Cells. *Advanced Materials Interfaces*, **2016**, 3, 1600493	4.6	21
229	Growing perovskite into polymers for easy-processable optoelectronic devices. *Scientific Reports*, **2015**, 5, 7725	4.9	65
228	Role of Polymer in Hybrid Polymer/PbS Quantum Dot Solar Cells. *Journal of Physical Chemistry C*, **2015**, 119, 14972-14979	3.8	40
227	Perovskite photovoltachromic cells for building integration. *Energy and Environmental Science*, **2015**, 8, 1578-1584	35.4	102
226	Implantable Neurorecording Sensing System: Wireless Transmission of Measurements. *IEEE Sensors Journal*, **2015**, 15, 2603-2613	4	5

225	Beneficial Role of a Bulky Donor Moiety in Extended Organic Dyes for Mesoscopic TiO2 Sensitized Solar Cells. *Journal of Physical Chemistry C*, **2015**, 119, 6956-6965	3.8	6
224	Sustainability of Organic Dye-Sensitized Solar Cells: The Role of Chemical Synthesis. *ACS Sustainable Chemistry and Engineering*, **2015**, 3, 770-777	8.3	40
223	Design and synthesis of fluorenone-based dyes: two-photon excited fluorescent probes for imaging of lysosomes and mitochondria in living cells. *Journal of Materials Chemistry B*, **2015**, 3, 3315-3323	7.3	42
222	Exciton-Plasmon Coupling Enhancement via Metal Oxidation. *ACS Nano*, **2015**, 9, 9691-9	16.7	36
221	Texture of MAPbI3 Layers Assisted by Chloride on Flat TiO2 Substrates. *Journal of Physical Chemistry C*, **2015**, 119, 19808-19816	3.8	32
220	Multiscale morphology design of hybrid halide perovskites through a polymeric template. *Nanoscale*, **2015**, 7, 18956-63	7.7	67
219	Ultrastrong light-matter coupling in electroluminescent organic microcavities. *Applied Materials Today*, **2015**, 1, 33-36	6.6	14
218	Implications of TiO2 surface functionalization on polycrystalline mixed halide perovskite films and photovoltaic devices. *Journal of Materials Chemistry A*, **2015**, 3, 20811-20818	13	26
217	mRNA delivery using non-viral PCL nanoparticles. *Biomaterials Science*, **2015**, 3, 144-51	7.4	32
216	Coupled delivery of imatinib mesylate and doxorubicin with nanoscaled polymeric vectors for a sustained downregulation of BCR-ABL in chronic myeloid leukemia. *Biomaterials Science*, **2015**, 3, 361-72	7.4	7
215	Thiophene-based fluorescent probes with low cytotoxicity and high photostability for lysosomes in living cells. *Biochimica Et Biophysica Acta - General Subjects*, **2015**, 1850, 385-92	4	12
214	Sustained anti-BCR-ABL activity with pH responsive imatinib mesylate loaded PCL nanoparticles in CML cells. *MedChemComm*, **2015**, 6, 212-221	5	12
213	Efficient, Green Non-Aqueous Microwave-Assisted Synthesis of Anatase TiO2 and Pt Loaded TiO2 Nanorods with High Photocatalytic Performance. *Nanomaterials and Nanotechnology*, **2015**, 5, 31	2.9	6
212	Dexamethasone delivery with coated calcium carbonate microcubes for sustained growth of osteoblasts. *Rendiconti Lincei*, **2015**, 26, 239-244	1.7	1
211	On the Li Intercalation Kinetics in Tree-like WO3 Electrodes and Their Implementation in Fast Switchable Electrochromic Devices. *Advanced Optical Materials*, **2015**, 3, 1614-1622	8.1	26
210	Enhanced Photocatalytic Activity of Pure Anatase Tio2 and Pt-Tio2 Nanoparticles Synthesized by Green Microwave Assisted Route. *Materials Research*, **2015**, 18, 473-481	1.5	59
209	Vortex and half-vortex dynamics in a nonlinear spinor quantum fluid. *Science Advances*, **2015**, 1, e1500807	14.3	42
208	Polarization shaping of Poincar beams by polariton oscillations. *Light: Science and Applications*, **2015**, 4, e350-e350	16.7	37

207	Nanoscale Characterization and Unexpected Photovoltaic Behavior of Low Band Gap Sulfur-Overrich-Thiophene/Benzothiadiazole Decamers and Polymers. *Journal of Physical Chemistry C*, **2015**, 119, 27200-27211	3.8	16
206	Biocompatible and biodegradable fluorescent microfibers physiologically secreted by live cells upon spontaneous uptake of thiophene fluorophore. *Journal of Materials Chemistry B*, **2015**, 3, 151-158	7.3	11
205	Molecular-Level Switching of Polymer/Nanocrystal Non-Covalent Interactions and Application in Hybrid Solar Cells. *Advanced Functional Materials*, **2015**, 25, 111-119	15.6	47
204	Unconventional tailorable patterning by solvent-assisted surface-tension-driven lithography. *Journal of Colloid and Interface Science*, **2015**, 446, 44-52	9.3	3
203	Facile preparation of TiO2Polyvinyl alcohol hybrid nanoparticles with improved visible light photocatalytic activity. *Applied Surface Science*, **2015**, 331, 292-298	6.7	32
202	NiO/MAPbI(3-x)Clx/PCBM: a model case for an improved understanding of inverted mesoscopic solar cells. *ACS Applied Materials & Interfaces*, **2015**, 7, 4283-9	9.5	52
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